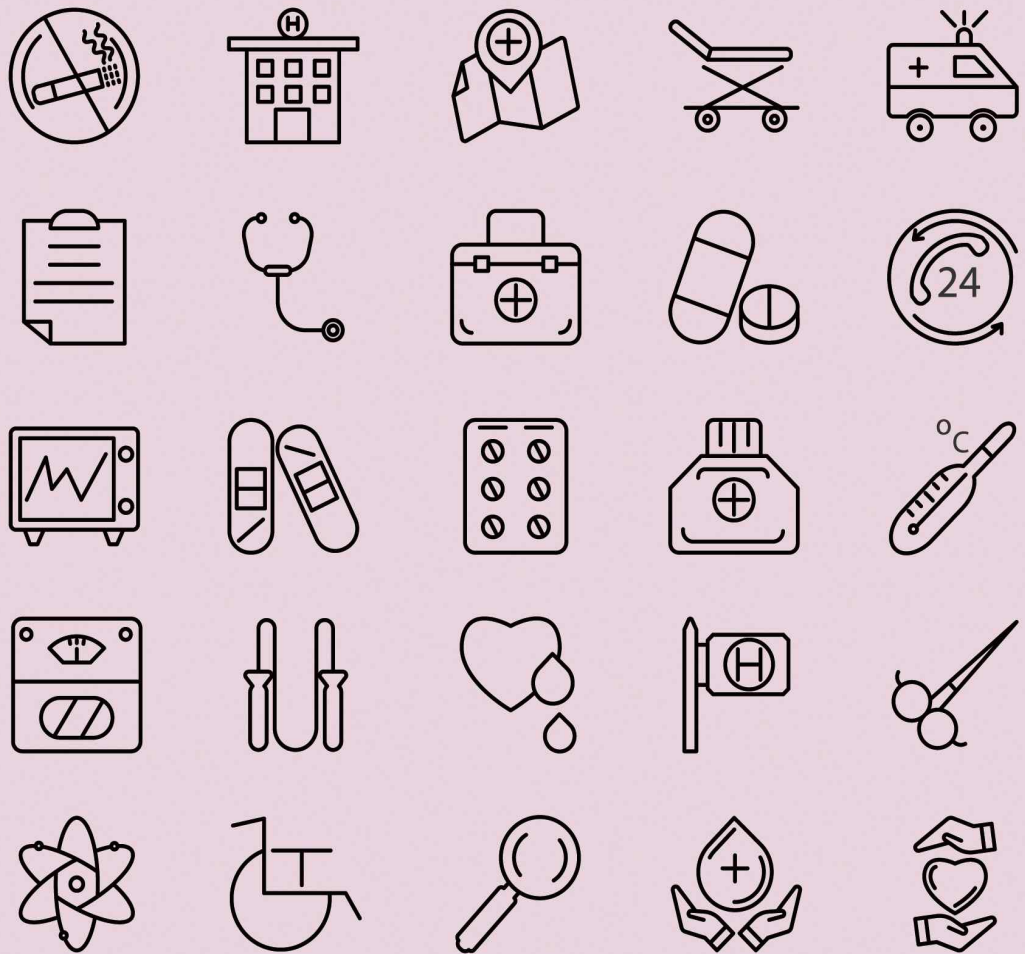


2021 ANNUAL REPORT

인제대학교 해운대백병원



2021 ANNUAL REPORT 인제대학교 해운대백병원

CONTENTS

연혁 및 현황

1. 연혁
2. 기구조직도
3. 직원 현황
4. 임상 각과 전임교원 명단
5. 각종 위원회 명단
6. 지원부서 부서장 명단
7. 과별 의사 배치 현황
8. 간호사 배치 현황

각종 진료 통계

1. 연도별 환자통계
2. 외래환자 월별 통계
3. 퇴원환자 월별 통계
4. 외래, 퇴원환자 종류별 통계
5. 수술환자 과별 통계
6. 마취 통계
7. 응급의료센터 환자 통계
8. 사망 통계
9. 분만통계
10. 신생아통계
11. 과별 전과 환자수 통계
12. 과별 협의 진단수 통계
13. 사회사업과 통계
14. 지역별 환자 통계
15. 각종 기능검사 통계
16. 심혈관센터 통계
17. 종합건강증진센터 통계 (건강관리과/종합검진센터)

진료 지원부서 통계

1. 영상의학과 통계 (항목별 검사현황/일반촬영/특수촬영/유방촬영/혈관검사/골밀도/CT/MRI/초음파/
종합건강검진센터/직업환경의학과)
2. 진단검사의학과 월별 및 종별 통계
3. 혈액은행 월별 통계
4. 병리과 검사 통계 (조직병리/세포병리/비부인과 검사/분자병리)
5. 방사선종양학과 통계
6. 핵의학과 통계
7. 약제부 통계
8. 환자 급식 식이별 통계
9. 물리치료 통계

전공의 수련현황 및 연구실적

1. 인턴 수련 현황
2. 레지던트 수련 현황
3. 각 교실별 논문 및 학술연제 발표

<참고> 과별 영문표기 일람표



▶ 2021년 연혁 및 현황

1. 해운대백병원 연혁

- 2021. 02.06 해운대백병원-장산역 마을버스 운행 시작
- 02.24 해운대병원 제3회 학술논문상 시상
- 03.02 해운대백병원, 지역의약품안전센터 선정
- 04.01 종합검진센터 리모델링 완료
- 04.01 제2회 해운대백병원 교직원 및 가족 사진공모전
- 04.01 해운대백병원, 착한일터 감사패(부산사회복지공동모금회) 수상
- 04.30 만성폐쇄성폐질환(COPD) 적정성평가 1등급 획득
- 05.13 유방암(7차), 위암(5차) 적정성평가 1등급 획득
- 05.21 정신건강 입원영역 적정성 평가 1등급 획득
- 06.09 백병원 창립 80주년 및 해운대백병원 개원 11주년 기념식
- 07.15 페렴 적정성 평가(4회 연속) 1등급 획득
- 08.18 해운대백병원, 부산시 생활치료센터 협력병원 지원
- 08.26 제7차 관상동맥우회수술 적정성 평가 1등급 획득
- 09.15 해운대백병원 비전 선포식 - 동남권 의료를 선도하는 병원
- 09.29 해운대백병원 지역의약품안전센터 개소 심포지엄 개최
- 10.01 갑상선내분비외과 '로봇갑상선수술 400례 달성' 기념식
- 10.12 간호간병통합서비스병동 확대 개소
- 10. 해운대백병원 간질성폐질환센터, '특별성폐렴유증' 글로벌 임상센터로 선정
- 10. 해운대백병원 로봇수술센터 부인종양팀, '다빈치 감소공 로봇수술' 100례 달성
- 12.08 박형준 부산시장, 해운대백병원 방문 위중증환자 대응 현황 확인 및 의료진 격려
- 12. 해운대백병원, 제5회 부산의료산업대상에서 의료관광산업육성 유공 표창 '부산시장상' 수상
- 12.20 코로나환자 치료를 위한 추가병동 확충
- 12.29 지역응급의료센터 평가 전국 1위



2. 기구조직도

인제대학교 해운대백병원 기구조직도



3. 직원 현황

2022년 2월 1일 현재 (단위: 명)

구분	직명	인원					
의사직	전문의	220	기술직 및 기능직	안전 관리자	도시가스안전관리자	(1)	
	레지던트	76			고압가스안전관리자	(1)	
	인턴	25			냉동제조시설안전관리자(관리원 포함)	(3)	
	일반의	3		방화 관리자	소방안전관리자(보조자 포함)	(8)	
	치과의사	4			위험물안전관리자	(1)	
	한 의사	-		에너지 관리자	기계설비유지관리자	(2)	
간호직	간호사	1155			전기안전관리자(관리원 포함)	(3)	
	보조원	28(193)			에너지안전관리자	1	
약무직	행정보조	1		의공	의료기기안전관리자	1	
	약사	41			기타	건축물관리자(수도시설)	1
약무보조	(10)	승강기안전관리자		(2)			
의료기사	임상병리사	106		기타		실내공기질관리자	1
	임상병리사보조	(5)				환경기술인(대기배출시설)	1
	방사선사	74				환경기술인(폐수처리시설)	1
	방사선보조	(10)				산업안전관리자	2
	물리치료사	23(1)			보일러안전관리자	(1)	
	물리치료사보조	1			전화	전화교환원	(12)
	작업치료사	6		전산		전산처리사	14
	작업치료사 보조	-	정보처리사보조		-		
	의료기사	치과기공사	2	용역직	운전기사	-	
		치과기공사보조	-		경비	(24)	
		치과위생사	10		조리원및배선원	(51)	
		치과위생사보조	1		안내	(5)	
		의무기록사	12		재봉사	-	
		의무기록사보조	5(1)		미화원(청소)	(94)	
응급구조사		8	세탁원		-		
기타		15	주차		-		
행정관리	사무직원	103(44)	기타		6(19)		
사서직	사서	1	계		1,960(501)		
	사회복지사	4					
보건직	영양사	5(8)	전년도 계		1,877(503)		
	조리사	3(3)					

※치과 인턴은 인턴란에

4. 임상 각과 전임교원 명단

2022년 2월 현재

부서명	직위	성명	전문진료분야	비고
내과 (소화기)	교수	김태오	대장질환, 위장관질환, 치료내시경, 염증성장질환	
	교수	박종하	소화기, 위장관질환, 치료내시경, 염증성장질환	
	교수	박승하	간질환, 소화기질환	
	부교수	허내운	간질환, 소화기질환	
	조교수	최준혁	소화기, 간담도 및 췌장	
	조교수	박용은	소화기질환, 위장관질환	
	조교수	이진	일반 위장관질환	
	조교수	황준성	담도 및 췌장, 십이지장질환	
	진료교수	김은주	간질환	
	임상강사	황현승	소화기질환	
	임상강사	이진우	소화기질환	
	임상강사	하예진	소화기질환	
	임상강사	구예영	소화기질환	
	임상강사	박헌범	소화기질환	
임상강사	유민재	소화기질환		
임상강사	정윤진	소화기질환		
내과 (심장)	교수	김두일	협심증(흉통), 심근경색증, 고혈압, 심부전	
	교수	설상훈	협심증, 고혈압, 심부전, 심장판막질환	
	교수	김기훈	부정맥(두근거림), 심부전, 협심증, 고혈압, 실신 및 돌연사	
	부교수	김동기	협심증, 심근경색증, 말초동맥질환, 대동맥질환, 고혈압	
	부교수	김승환	협심증, 심근경색증, 말초동맥질환, 대동맥질환, 고혈압	
	조교수	송여정	협심증, 심근경색증, 고혈압, 말초동맥질환	
	임상강사	최하영	고혈압, 협심증, 심근경색, 심부전, 두근거림, 심장판막질환	
내과 (호흡기)	교수	김현국	만성폐쇄성폐질환, 폐암, 결핵, 천식, 간질성폐질환	
	부교수	장항제	중환자집중치료, 폐고혈압, 폐색전증, 호흡부전	
	부교수	박진한	폐암, 만성폐쇄성폐질환, 천식, 결핵, 폐렴	
	조교수	이재하	간질성폐질환, 중환자집중치료, 만성폐쇄성질환	
내과 (내분비)	교수	김미경	당뇨병, 골다공증, 갑상선질환, 부신질환, 내분비질환	
	교수	김태년	당뇨병, 골다공증, 갑상선질환, 부신질환, 내분비질환	
	진료교수	고정해	당뇨병, 골다공증, 갑상선질환, 부신질환, 내분비질환	
내과 (신장)	교수	김양욱	신장이식, 급만성신부전	
	부교수	박봉수	신장질환	
	조교수	박시형	신장질환	
	조교수	이유진	신장질환	
	임상강사	이원호	신장질환	
	임상강사	허창민	신장질환	
내과 (혈액종양)	부교수	임성남	백혈병, 림프종, 다발성골수종, 골수이형성증, 골수증식종양, 기타 혈액질환 및 조혈모세포이식	
	부교수	강명주	대장암, 간체담관암, 위암, 유방암, 육종, 식도암	
	부교수	이성숙	위암, 폐암, 유방암, 식도암, 두경부암, 피부암	
	부교수	김일환	폐암, 대장암, 간체담관암, 비뇨기암, 두경부암, 부인과암	
	조교수	이용준	림프종, 다발성골수종, 기타혈액질환 및 조혈모 세포이식, 육종, 두경부종양, 비뇨기암, 부인과암	
	진료교수	박선양	백혈병, 다발성골수종, 골수이형성증, 골수증식종양, 기타 혈액	
내과 (감염)	조교수	조경민	열병, 세균, 진균 및 바이러스감염병, 성매개감염(HIV감염), 여행의학, 성인예방접종	
	진료교수	노태훈	열병, 세균, 진균 및 바이러스감염병, 성매개감염(HIV감염), 여행의학, 성인예방접종	
내과 (알레르기)	부교수	박찬선	기관지천식, 만성기침, 알레르기비염, 급·만성 두드러기, 약물알레르기	
내과 (류마티스)	교수	김성호	류마티스(관절염, 골다공증, 루프스)	
	부교수	이성근	류마티스(관절염, 골다공증, 루프스)	
내과	전문의(계약직)	김태형		병동 및 MICU 전담
	전문의(계약직)	왕성배		병동전담
	전문의(계약직)	정희정		병동전담
	전문의(계약직)	이영일		응급실전담

부서명	직위	성명	전문진료분야	비고
소아 청소년과	교수	송민섭	소아심장질환, 가와사키병	
	교수	허윤정	소아신경질환	
	부교수	정미림	신생아질환	
	조교수	김예진	소아내분비질환, 소아신장질환	
	조교수	이은주	소아 및 청소년 알레르기, 호흡기질환, 천식, 비염, 아토피피부염, 식품알레르기, 두드러기	
	전문의(계약직)	서안덕	소아청소년과(응급실/병동)	
	전문의(계약직)	김지수	소아청소년과(응급실/병동)	
	전문의(계약직)	최병삼	소아청소년과(응급실/병동)	
	전문의(계약직)	이민경	소아청소년과(NICU)	
	전문의(계약직)	이승윤	소아청소년과(NICU)	
	전문의(계약직)	정종식	소아청소년과(NICU)	
신경과	교수	김성은	뇌전증, 뇌졸중, 수면장애	
	부교수	신경진	근말초신경질환, 어지럼증, 치매	
	부교수	박진세	파킨슨병, 운동질환, 치매	
	부교수	박강민	뇌전증, 수면장애, 두통, 어지럼증	
	조교수	김시은	치매, 기억장애, 두통	
	조교수	박성호	뇌졸중, 두통, 어지럼증, 인터벤션클리닉	
	진료교수	김형찬	뇌졸중, 두통, 어지럼증	
	진료교수	이동아	뇌전증, 두통, 어지럼증, 수면장애	
정신건강 의학과	임상강사	이준원	뇌졸중, 두통, 어지럼증	
	교수	이정구	양극성장애, 우울증, 불안장애, 화병	
	교수	이봉주	조현병, 불면증, 불안장애, 강박증	
피부과	부교수	김경미	집중력장애, 발달장애, 불면증, 공황장애	
	부교수	정소영	아토피, 여드름, 건선, 습진, 알레르기피부염, 피부외과 및 피부미용	
외과	조교수	박소희	탈모, 아토피, 색소질환, 피부미용, 피부외과	
	진료교수	왕한영	아토피, 여드름, 건선, 무좀, 대상포진, 지루성피부염	
	교수	김운원	유방외과, 외상	
	교수	박종권	혈관(하지동맥경화증, 복부대동맥류, 하지정맥류, 심부정맥, 혈전증, 당뇨병성혈관합병증, 신장이식)	
	교수	서병조	위암, 복강경, 로봇수술, 식도암, 비만·대사수술	
	교수	신진용	대장암, 직장암, 로봇수술, 복강경(단일공복강경)수술	
	교수	김기훈	탈장(서혜부, 배꼽), 소아복강경, 소아기형, 외상, 중환자외과, 급성복부질환, 성인탈장	
	교수	이정선	유방외과	
	부교수	오성진	위암, 최소침습수술(복강경, 로봇수술, 최소절개수술), 식도암, 탈장	
	부교수	김진수	외상, 탈장(서혜부, 복벽, 배꼽), 급성복부질환, 연부조직종양, 신장이식	
	부교수	이우용	위암, 복강경, 로봇수술, 식도암, 비만대사수술	
	부교수	배동식	갑상선, 부갑상선, 부신, 로봇수술, 내시경수술	
	부교수	구도훈	갑상선암, 갑상선로봇수술, 부갑상선/부신종양	
	부교수	정보현	간암, 간이식, 담도암, 췌장암, 담도·췌장양성질환, 전이성간암	
	조교수	정원범	복강경수술, 대장암, 직장암, 소장질환, 항문질환, 장폐색	
	조교수	정용규	간암, 간이식, 담낭암, 담도암, 담석, 복강경 담낭절제술	
	진료교수	왕희정	간암, 간이식, 담도암, 전이성간암	
	임상강사	신동우	대장항문 질환, 급성 복부질환, 연부조직종양	
	전문의(계약직)	신익범	외과(응급실, 병동, ICU)	
	흉부외과	교수	황운호	폐·식도외과, 흉부종양, 다한증, 흉벽기형, 흉강경 및 로봇수술, 심장혈관
부교수		강도균	폐·식도외과, 일반흉부	
조교수		허운	대동맥 및 말초혈관질환, 성인심장, 관상동맥질환	
조교수		강민균	폐·식도외과, 일반흉부, 흉강경수술	
진료교수		장우익	성인심장, 판막질환, 관상동맥질환, 대동맥질환	
정형외과	교수	김성수	경추·요추디스크, 척추관협착증, 경추·요추질환, 척추변형(측·후만증), 척추재수술, 척추종양, 후종인대골화증, 최소상처·고난이도 척추수술, 사지마비, 척추골절, 미세침습수술, 골다공증, 직성척추염	
	교수	최병완	경추·요추디스크, 척추관협착증, 경추·요추질환, 척추변형(측·후만증), 척추재수술, 척추종양, 후종인대골화증, 최소상처·고난이도 척추수술, 사지마비, 척추골절, 미세침습수술, 골다공증, 직성척추염	
	교수	공규민	고관절(관절경, 인공관절 및 재치환술), 외상	
	부교수	김영복	견주관절(인공관절, 관절경, 외상)	
	부교수	방진영	어깨·팔꿈치관절, 오십견, 회전근개질환, 스포츠손상 및 외상, 관절경수술	

부서명	직위	성명	전문진료분야	비고
정형외과	부교수	문상원	무릎관절(관절경, 인공관절), 스포츠의학, 외상, 관절염, 골다공증	
	조교수	이상진	슬관절(인공관절, 관절경)	
	조교수	김대욱	발·발목질환 및 외상(관절경), 스포츠외상	
	조교수	박병규	소아정형	
	조교수	임재영	관절(인공관절, 관절경), 외상 및 골절	
	조교수	장효석	수부, 손목/말초신경 및 미세수술	
	임상강사	서용민		
신경외과	교수	진성철	뇌혈관(혈관내수술), 허혈성뇌질환	
	교수	이선일	뇌혈관, 뇌종양, 감마나이프	
	부교수	김해유	이상운동(파킨슨, 손떨림), 간질, 감마나이프	
	진료교수	조봉기	뇌혈관	
	진료교수	우준범	척추관협착증, 요추·경추 추간판탈출증, 경추후종골화인대증, 골다공증, 척추골절, 척추변형	
	임상강사	전상형	척추관협착증, 요추·경추 추간판탈출증, 경추후종골화인대증, 골다공증, 척추골절, 척추변형	
성형외과	(내)부교수	윤성호	안면윤곽, 눈·코성형, 안면부외상, 유방성형, 흉터제거	
	조교수	이경아	안면부외상, 지방이식, 눈·코·유방·주름성형	
	진료교수	오재욱	안면부 미용성형 및 재건, 유방성형, 복부성형	
	진료교수	이근철	유방성형재건, 안면윤곽, 미용성형, 미세재건성형	
산부인과	교수	지용일	부인종양, 부인과내시경	
	부교수	전성욱	내분비, 불임, 폐경, 산과	
	부교수	조현진	산과, 태아정밀진단, 고위험임신	
	부교수	전균호	미혼여성, 불임, 부인과내시경, 자궁근종, 난소낭종, 자궁탈출증, 폐경	
	조교수	정철희	부인종양, 부인과내시경	
	조교수	이은현	부인종양, 부인과내시경, 부인암분과전문의	
안과	교수	김현웅	유리체, 망막, 포도막, 백내장	
	교수	이수정	사시, 안성형	
	부교수	서민희	녹내장, 백내장	
	조교수	박강운	망막, 포도막, 각막, 백내장	
	조교수	조찬호	망막, 포도막, 각막, 백내장	
	진료교수	방종욱	유리체, 망막, 포도막, 백내장	
	임상강사	권지민	유리체, 망막, 포도막, 백내장	
	임상강사	황성수	유리체, 망막, 포도막, 백내장	
이비인후과	교수	백무진	중이염수술, 이명 및 난청, 어지러움증, 청력재활(보청기/인공와우이식수술), 유소아귀질환수술, 자가면역성내이질환	
	부교수	김용완	축농증, 비염, 수면무호흡, 코성형	
	부교수	김미라	갑상선종양, 두경부종양, 타액선질환, 음성질환, 음성클리닉	
	조교수	김상연	갑상선암, 두경부암(로봇수술재건), 음성질환	
	조교수	이근익	축농증, 비염, 비중격만곡증, 수면무호흡증, 코성형, 소아이비인후과, 편도/아데노이드비대수술	
비뇨의학과	조교수	이석환	내시경귀수술, 중이염, 난청 및 보청기, 돌발성난청, 어지럼증(메니에르, 이석증, 전정신경염 등), 이명, 유소아귀질환, 전이개누공	
	교수	정재승	로봇 및 복강경수술, 비뇨기종양학, 전립선, 요실금	
	부교수	오철규	최소침습수술(복강경, 로봇), 비뇨기종양, 요로결석, 배뇨장애, 신장이식	
	부교수	박상현	비뇨기종양, 전립선, 로봇 및 복강경수술	
	조교수	박명찬	로봇수술, 비뇨기종양	
재활의학과	조교수	김정호	비뇨기종양, 로봇 및 복강경 수술, 남성의학, 남성불임, 배뇨장애, 요로결석	
	교수	조근열	뇌졸중재활, 척추손상, 근골격계재활, 전기진단, 소아족부교정 및 측만증	
	조교수	최희은	근골격계재활, 심장재활, 호흡재활, 척추손상, 연하재활, 노인재활	
마취통증의학과	조교수	도환권	척추손상, 말초신경손상, 근골격계재활, 전기진단	
	교수	최영균	심폐마취, 장기이식마취	
	교수	이상은	통증의학	
	교수	김용한	기도관리	
	부교수	박재홍	기도관리	
	부교수	이기화	뇌신경마취, 안과마취, 마취약리	
	조교수	김세훈	중환자의학	
	조교수	고명진	통증의학	
	조교수	강은수	기도관리	
조교수	김효중	수술실		

부서명	직위	성명	전문진료분야	비고
마취통증 의학과	조교수	오대석	대상포진, 근골격계 통증질환, 척추질환	
	조교수	이현성	대상포진, 척추질환	
	조교수	박예흠	수술실	
	임상강사	이수지	수술실	
	임상강사	이병철	수술실	
	전문의(계약직)	문성호	수술실	
영상의학과	교수	윤정희	복부영상의학, 초음파학, 간암고주파열치료	
	교수	류지화	갑상선 및 두경부 영상, 에탄올절제술/고주파 절제술	
	교수	김승호	복부영상의학	
	교수	김숙정	유방영상 및 중재	
	부교수	정현경	유방영상	
	부교수	임윤정	소아영상의학	
	부교수	이예다운	복부영상의학	
	부교수	한석	근골격 영상의학	
	조교수	이호준	신경영상	
	조교수	이지숙	근골격 영상의학	
	조교수	강연아	신경영상	
	조교수	김지은	유방영상	
	조교수	손정희	복부영상	
	진료교수	이준형	갑상선 및 두경부 영상	
	진료교수	이승찬	비혈관계, 혈관계 인터벤션	
진료교수	신민우	혈관계, 비혈관계 인터벤션		
방사선 종양학과	부교수	조선미	뇌종양, 두경부종양, 흉부종양, 위장관계종양, 간담도계종양, 부인과종양, 비뇨기계암, 근골격계종양, 혈액종양, 소아암	
	조교수	박금주	뇌종양, 두경부암, 소화기암, 비뇨기암, 부인과암, 육종, 혈액암, 소아암	
	지원교원	전재완		
진단검사 의학과	교수	이정녀	진단혈액학, 분자유전학	
	부교수	전경란	의학유전학, 임상화학, 진단면역	
	부교수	송새암	임상미생물, 분자유전(세균및 바이러스), 수혈의학	
	조교수	유신애	진단면역, 이식면역, 분자유전, 임상화학	
병리과	교수	김연미	신경병리, 소아병리, 내분비병리	
	부교수	김지연	폐, 부인과 병리	
	부교수	김우경	유방병리	
	부교수	김보미	혈액, 신장병리	
	부교수	남경한	위·장관, 간·담도계병리	
	조교수	김주연	비뇨기, 두경부병리	
가정의학과	교수	유선미	비만학, 가정의학, 건강증진, 금연	
	부교수	박승국	건강증진, 가정의학, 노인학, 운동	
	조교수	김효은	건강증진, 가정의학, 영양, 금연	
응급의학과	부교수	박하영		
	진료교수	황태식		
	진료교수	박건우		
	진료교수	김한별		
	진료교수	이현욱		
	진료교수	이상훈		
	진료교수	박현우		
핵의학과	교수	배상균	종양핵의학, 갑상선암, 동위원소치료	
	부교수	심혜경	종양핵의학, 갑상선암, 동위원소치료	
직업환경 의학과	교수	김대환	직업병 및 업무관련성평가, 비자검진	
	조교수	류지영	직업병 및 업무관련성 평가	
	전문의(계약직)	선우유은	검진 상담	가정의학과 전문의
치과	진료교수	임장섭	임플란트, 심미보철, 특수보철	
	진료교수	방경환	통합치과, 예방치료, 평생구강관리	
	진료교수	김은하	보존과, 심미수복, 현미경신경치료	
	진료교수	박흥철	구강외과, 임플란트, 사랑니, 턱관절	

부서명	직위	성명	전문진료분야	비고
종합검진 센터	전문의(계약직)	주희린	소화기 내시경	
	전문의(계약직)	장현정	소화기 내시경	
	전문의(계약직)	인현신	소화기 내시경	
	전문의(계약직)	박지성	영상판독	
	전문의(계약직)	정다운	상담	가정의학과 전문의
	전문의(계약직)	서유나	영상판독	
	전문의(계약직)	한유진	영상판독	
중환자실	진료교수	홍성용	외과계 중환자실 전담	
입원의학 센터	전문의(계약직)	신원춘	입원전담전문의	
	전문의(계약직)	한영주	입원전담전문의	
	전문의(계약직)	성경	입원전담전문의	
	전문의(계약직)	황윤서	입원전담전문의	

5. 각종 위원회 명단

2022년 2월 1일 현재

구분	감염관리위원회	개인정보보호위원회	내규관리위원회	뇌사판정위원회	다학제위원회
위원장	최영균(마취통증의학과)	최영균(마취통증의학과)	김대환(직업환경의학과)	김성은(신경과)	강명주(암센터)
부위원장					
간사	김경리(감염관리실)	이태현(의료정보실)	김남희(QPS)	김해유(신경외과)	이연주(암센터) 조은지(약제부) 이승미(약제부)
위원	김양욱(신장내과)	이기엽(의료정보실)	최영균(마취통증의학과)	장항제(호흡기내과)	서병조(위장관 외과)
	조경민(감염내과)	이승미(의무기록실)	김양욱(신장내과)	강은수(마취통증의학과)	신진용(대장.항문외과)
	전경란(진단검사의학과)	김태년(내분비내과)	김태년(내분비내과)	정미란(사회사업실)	김운원(유방외과)
	장항제(호흡기내과)	임현식(사무국장)	윤정희(영상의학과)		김현국(호흡기내과)
	송새암(진단검사의학과)	황성하(총무부)	박찬선(내분비내과)		지용일(산부인과)
	남경한(병리과)	권가희(간호부)	임현식(사무국)		이성숙(암센터)
	김효은(가정의학과)	정재현(원무부)	황성하(총무부)		조선미(방사선종양학과)
	노태훈(감염내과)	박동현(시설부)	권가희(간호부)		임성남(혈액종양내과)
	이유진(신장내과)	강선웅(간호부)			김일환(혈액종양내과)
	임승진(감염내과)	고영남(인제대학교)			이용준(혈액종양내과)
	황성하(총무부)				박금주(방사선종양학과)
	권가희(간호부)				권미경(약제부)
	박동현(시설부)				이영희(보험심사실)
	권미경(약제부)				조은지(약제부)
	김지연(내과중환자실)				이승미(약제부)
	문지현(수술실)				
	김민선(간호부)				
	구분	기관생명윤리위원회			
위원장	이정구(정신건강의학과)				
부위원장					
간사	전문간사 [A패널] 김대환 행정간사:IRB	전문간사 [B패널] 김성호 행정간사:IRB	전문간사 [C패널] 김현웅 행정간사:IRB	전문간사 [D패널] 전균호 행정간사:IRB	임상적성능시험 심사위원회 패널 전문간사: 김대환(직업환경의학과), 김성호(류마티스내과), 김현웅(안과), 전균호(산부인과) 행정간사:IRB강영은.구민영
위원	이정녀(진단검사의학과)	박찬선(알레르기내과)	김운원(외과)	송민섭(소아청소년과)	강다건(자원봉사자)
	이상은(마취통증의학과)	이기화(마취통증의학과)	조현진(산부인과)	김태년(내분비내과)	김순옥(자원봉사자)
	이성근(류마티스내과)	고명진(마취통증의학과)	강명주(혈액종양학과)	김기훈(외과)	
	김용완(이비인후과)	송새암(진단검사의학과)	박진세(신경과)	김경미(정신건강의학과)	
	김효중(마취통증의학과)	류지영(직업환경의학과)	김미라(이비인후과)	정재승(비뇨기과)	
	유신애(진단검사의학과)	남경한(병리과)	공규민(정형외과)	문상원(정형외과)	
	방경환(치과)	박시형(신장내과)	김세정(간호부)	강은수(마취통증의학과)	
	유혜정(비과학계위원)	박용은(소화기내과)	허성태(부산교육삼락회장)	최승매(간호부)	
	김성일(스마트교회)	김순옥(자원봉사자)	이연진(연구원)	강동규(변호사)	
	김효은(가정의학과)	곽계순(수녀)	황준성(소화기내과)	강다건(자원봉사자)	
	외부위원 유혜정, 김성일	외부위원:김순옥, 곽계순	외부위원:허성태, 이연진	외부위원:강동규, 강다건	

구분	약무위원회	약물유해반응관리위원회	영양위원회	영양집중지원위원회	외상센터위원회
위원장	최영균(마취통증의학과)	박찬선(알레르기내과)	최영균(마취통증의학과)	박승국(가정의학과)	김기훈(외과)
부위원장	김양욱(신장내과)				박하영(응급의학과)
간사	권미경(약제부)	김윤숙(약제부)	김기정(영양부)	임완순(간호부)	권수연(간호부)
위원	김태년(내분비내과)	허내운(소화기내과)	김태년(내과)	장항제(호흡기내과)	김운원(외과)
	김운원(외과)	이성근(류마티스내과)	정원범(외과)	김기훈(소아외과)	공규민(정형외과)
	조근열(재활의학과)	김기훈(심장내과)	정미림(소아청소년과)	김세훈(마취통증의학과)	김영복(정형외과)
	지용일(산부인과)	박진한(호흡기내과)	권가희(간호부)	정원범(대장·항문외과)	이승찬(영상의학과)
	공규민(정형외과)	문상원(정형외과)	황성하(총무부)	이진(소화기내과)	황윤호(흉부외과)
	조경민(감염내과)	오대석(마취통증의학과)		정미림(소아청소년과)	김용한(마취통증의학과)
	권가희(간호부)	정소영(피부과)		윤지희(간호부)	박명찬(비뇨의학과)
	이영희(보험심사실)	김일환(혈액종양내과)		장순옥(간호부)	신민우(영상의학과)
		김효정(호흡기내과)		권정은(간호부)	김세훈(마취통증의학과)
		한 석(영상의학과)		배자연(간호부)	홍성용(중환자실)
		이호준(영상의학과)		권미경(약제부)	박건우(응급의학과)
		이은주(소아청소년과)		김효중(약제부)	김한별(응급의학과)
		박용은(소화기내과)		오세동(약제부)	이상훈(응급의학과)
		김시은(신경과)		이가영(약제부)	이현욱(응급의학과)
		이근익(이비인후과)		김기정(영양부)	박현우(응급의학과)
		이은현(산부인과)		김나현(영양부)	최재영(응급의학과)
		이유진(신장내과)		장지현(영양부)	김해유(응급의학과)
		박소희(피부과)		김아롱(영양부)	김진수(외과)
		김영숙(간호부)			박복진(간호부)
		안혜경(간호부)			
	강선웅(간호부)				
	이병수(의료정보실)				
	조은비(간호부)				
구분	응급실운영위원회	영양집중위원회	의료분쟁예방 및 대책위원회	의료정보위원회	의무기록위원회
위원장	최영균(마취통증의학과)	박승국(가정의학과)	백무진(이비인후과)	김양욱(신장내과)	김양욱(내과)
부위원장	박하영(응급의학과)				
간사	권수연(간호부)	임완순(간호부)	김광재(원무부)	이기엽(의료정보실)	이승미(의무기록실)
위원	김양욱(신장내과)	장항제(호흡기내과)	김두일(신장내과)	박종하(내과)	백무진(이비인후과)
	김기훈(외과)	김기훈(소아외과)	김운원(외과)	김운원(외과)	윤정희(영상의학과)
	설상훈(순환기내과)	김세훈(마취통증의학과)	김성은(신경과)	이정녀(진단검사의학과)	김운원(외과)
	장항제(호흡기내과)	정원범(대장·항문외과)	김대환(직업환경의학과)	윤정희(영상의학과)	지용일(산부인과)
	김운원(외과)	이진(소화기내과)	이정구(정신건강의학과)	강선웅(간호부)	김성수(정형외과)
	김두일(순환기내과)	정미림(소아청소년과)	지용일(산부인과)		이수정(안과)
		윤지희(간호부)	황성하(총무부)		오철규(비뇨의학과)
		장순옥(간호부)	권가희(간호부)		조근열(재활의학과)
		권정은(간호부)	정재현(원무부)		권가희(간호부)-당연직
		배자연(간호부)			이기엽(의료정보실)-당연직
		권미경(약제부)			
		김효중(약제부)			
		오세동(약제부)			
		이가영(약제부)			
		김기정(영양부)			
		김나현(영양부)			
	장지현(영양부)				
	김아롱(영양부)				

구분	현장검사위원회	QPS위원회	홍보위원회	간호간병통합서비스병동위원회	연명의료윤리위원회
위원장	김양욱(신장내과)	최영균(마취통증의학과)	김해유	김양욱(신장내과)	김양욱(신장내과)
부위원장	전경란(진단검사의학과)	김대환			김운원(외과)
간사	정기자(진단검사의학실)	김남희(QPS)	제형건	양선희(간호부)	은지영(간호부)
위원	유신애(진단검사의학과)	김양욱(진료부원장)	김미라(이비인후과)	김운원(외과)	이정녀(진단검사의학과)
	김태년(내분비내과)	김태년(기획실장)	서민희(안과)	김성수(정형외과)	이정구(정신건강의학과)
	김용한(마취과)	윤정희(교육수련부장)	정원범(외과)	권가희(간호부)	임성남(혈액종양내과)
	박하영(응급의학과)	박찬선(QPS부실장)	방진영(정형외과)	이영희(보험심사실)	장향제(호흡기내과)
	정미림(소아청소년과)	박하영(응급의료센터장)	정소영(피부과)	황성하(총무부)	김해유(신경외과)
	박승국(가정의학과)	이정녀(진단검사의학과)	오철규(비뇨의학과)	정재현(원무부)	김효은(가정의학과)
	박미애(관리부)	박강운(안과)	장조아(홍보실)	이기엽(의료정보실)	윤지희(MICU)
	박수연(보험심사실)	권가희(간호부장)	송지안(홍보실)	안성희	강동규(변호사)
	박복진(간호부)	조규진(간호부팀장)			김성일(목사)
	김지연(간호부)	김지연(간호부팀장)			조현(교수)
		박복진(간호부 팀장)			
		김경리(감염관리실 파트장)			
		박미애(관리부장)			
		홍준혁(물리치료실장)			
		박동현(시설부장)			
		권미경(약제부장)			
		김기정(영양부장)			
		정재현(원무부장)			
		이승미(의무기록실장)			
		황성하(총무부장)			
구분	서비스혁신센터위원회	수혈위원회			
위원장	박종하(소화기내과)	최영균(마취통증의학과)			
부위원장					
간사	강기태(서비스혁신센터)	김경희(수혈관리실)			
위원	임종섭(서비스혁신센터)	송새암			
	김현웅(안과)	임성남			
	강도균(흉부외과)	박봉수			
	김동기(순환기내과)	김기훈			
	노태훈(감염내과)	박하영			
	박예흠(마취통증의학과)	박재홍			
	이정선(외과)	윤지희(MICU)			
	정미림(소아청소년과)	김양희(회복실)			
	정보현(외과)	이소연(적정진료관리실)			
	조현진(산부인과)	김경희(수혈관리실)			
	최준혁(소화기내과)	박진미(진단검사의학과)			
	강민균(흉부외과)				
	하동균(기획실)				
	문영판(핵의학과)				
	이주연(물리치료실)				
	정미열(간호부)				
	김세정(간호부)				

6. 지원부서 부서장 명단

2022년 2월 1일 현재

부서	직위	성명	비고
	사무국장	임현식	
총무부	부장	황성하	
경리부	부장	이희수	
관리부	부장	박미애	
원무부	부장	정재현	
간호부	부장	권가희	
건강관리과	사무장	백기민	
의료정보실	실장	이기엽	
약제부	부장	권미경	
보험심사실	실장	이영희	
영양부	부장	김기정	
의무기록실	실장	이승미	
물리치료실	실장	홍준혁	
핵의학실	실장	이진수	
영상의학실	실장	손두범	
방사선종양학실	실장	김태영	
병리실	실장	손창민	
진단검사의학실	실장	조광래	
시설부	부장	박동현	

7. 과별 의사 배치 현황

(2022년 2월 1일 현재)(현원수/군보요원수(현원중))

과목별	구분	상근			비상근			전공의 레지던트					계					
		전문의	일반의	계	전문의	일반의	계	1	2	3	4	계						
내과		47		47	5		5								61			
소아청소년과		5		5	6		6								16			
신경과		9		9			0								11			
정신건강의학과		3		3			0								8			
피부과		3		3			0								2			
외과		17		17			0								17			
흉부외과		5		5			0								5			
정형외과		12		12			0								18			
신경외과		6		6			0								11			
성형외과		4		4			0								6			
산부인과		6		6			0								9			
안과		8		8			0								10			
이비인후과		6		6			0								9			
비뇨의학과		5		5			0								5			
결핵과				0			0								0			
재활의학과		3		3			0								8			
마취통증의학과		15		15			0								19			
영상의학과		16		16			0								23			
방사선종양학과		2		2			0								2			
진단검사의학과		4		4			0								4			
병리과		6		6			0								6			
가정의학과		3		3			0								8			
응급의학과		8		8			0								11			
핵의학과		2		2			0								2			
직업환경의학과		2		2	1		1								8			
소계		197	0	197	12	0	12	20	10	25	8	23	10	23	13	91	41	279
임상약리학과				0			0									0		0
치과		4		4			0									0		3
건강증진센터		7		7			0									0		4
응급실				0			0									0		0
중환자실		1		1			0									0		0
기타		3		3			0									0		0
총계		212	0	212	12	0	12	전공의 계					91	41	309			
							인턴 계				22	10						

8. 간호사 배치 현황

(2022년 2월 1일 기준)

과목별	구분	간호사				소계	조무사				계	비고
		간호 (국)부장	간호 차장	간호 과장	일반 간호사		조무사	조무 기사	Y.G	소계		
간호부		1	3	2	3	9	1	6		7	16	장애인간호보조 6명 포함
입원병동			1	18	418	437	21	18	42	81	518	정맥간호사 계약직 6명, 입원생활안내간호사 1명 포함
중환 자실	SICU			1	66	67				0	67	
	CCU					0				0	0	
	MICU			0	65	65	8	9	17	82	82	조무사 SICU와 통합
	NICU			1	33	34			6	6	40	
	소계	0	0	2	164	166	0	8	15	23	189	
특수 부서	NUR				5	5				0	5	
	DR				11	11				0	11	
	OR			1	65	66		1	6	7	73	
	ANE			1	33	34		1	3	4	38	
	응급실			1	48	49		6	8	14	63	응급실정맥간호사 계약직1 포함
	공급실			2	1	3		2	10	12	15	
	소계	0	0	5	163	168	0	10	27	37	205	
외래	진료과		2	3	136	141		2	69	71	212	
	검진,건관			1	12	13				0	13	
	AK			1	15	16			1	1	17	
	PA				104	104				0	104	
기타(분만, 휴직)				51	51				0	51		
소계	0	2	5	318	325	0	2	70	72	397		
계(TOTAL)	1	6	32	1,066	1,105	22	44	154	220	1,325		

▶ 각종 진료 통계

1. 연도별 환자 통계

과별	2017년		2018년		2019년		2020년		2021년	
	외래	입원	외래	입원	외래	입원	외래	입원	외래	입원
	O.P.D.	I.P.D.	O.P.D.	I.P.D.	O.P.D.	I.P.D.	O.P.D.	I.P.D.	O.P.D.	I.P.D.
내과(IM)	217,201	11,937	228,424	12,552	236,987	13,214	225,952	12,846	239,438	12,651
소아청소년과(PD)	22,316	2,438	25,053	2,286	20,734	1,993	15,377	933	14,709	925
신경과(ND)	46,740	1,672	49,914	1,875	51,907	1,673	49,560	1,670	54,256	1,541
정신건강의학과(NP)	24,367	385	26,197	379	25,883	325	25,782	264	25,167	251
피부과(DM)	23,244	69	21,555	64	18,160	32	20,074	51	20,568	14
외과(GS)	41,059	5,379	43,418	5,504	44,792	5,987	45,071	6,055	55,042	6,199
흉부외과(TS)	7,060	689	5,642	485	6,463	644	6,394	558	7,637	670
성형외과(PS)	13,275	655	12,653	592	12,048	553	8,526	365	9,439	497
정형외과(OS)	42,338	2,814	39,935	2,758	44,092	2,965	42,363	3,003	44,753	2,831
신경외과(NS)	27,137	2,125	28,819	2,623	31,895	2,721	29,935	2,396	29,131	1,822
산부인과(OBGY)	23,255	1,979	25,516	2,206	27,363	2,305	27,950	2,368	30,255	2,456
안과(OT)	29,281	1,009	29,885	1,080	31,955	1,304	34,611	1,242	41,796	1,450
이비인후과(OL)	25,879	1,806	28,323	1,706	30,756	1,706	25,252	1,377	27,825	1,454
비뇨기과(UR)	25,509	961	27,756	1,046	27,792	1,017	26,298	1,019	28,029	965
치과(DS)	11,891	111	9,810	155	9,207	22	10,780		15,001	1
방사선종양학과(RO)	4,049	0	4,080	0	4,850		4,711		4,983	
재활의학과(RM)	11,068	176	8,408	86	8,777	83	7,780	79	8,325	84
가정의학과(FM)	10,458	134	10,066	62	11,080	64	23,956	45	15,301	1
통증클리닉(PC)	5,651	137	6,613	135	6,469	132	6,479	127	6,736	89
직업환경의학과(OEM)	503	0	529	0	496		304		393	
핵의학과(NM)	1,020	89	1,005	108	1,073	131	926	112	922	100
인터벤션클리닉(IRC)	132	0	132	0	101		105		112	
다학제통합진료센터(CAN)	0	0	0	0						
전염병질병센터(PCC)									17,028	
영상의학과(RD)	63	0	10	0	1		5		2	
응급의학과(EMD)	-	0	-	0				1		1
응급실(ER)	60,617	-	62,364	-	60,894		43,778		48,608	
물리치료실(PTD)	31,100	-	29,159	-	30,403		26,419		29,038	
인공신장실(AKU)	17,891	-	17,061	-	17,949		17,255		16,963	
주사실(IJR)	5,717	-	6,921	-	8,512		7,516		6,223	
신생아(NB)	-	81	-	114		88		89		62
건강관리과(HC)	28,195	-	26,942	-	25,007	-	14,705	-	18,887	
건강증진센터(HPC)	6,762	-	7,212	-	6,612	-	5,889	-	7,034	
총 계	763,778	34,646	783,402	35,816	802,258	36,959	753,753	34,600	823,601	34,064

2. 외래환자 월별 통계

구분 과별	2021년														
	3월			4월			5월			6월			7월		
	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계
내과(IM)	3,056	18,180	21,236	2,975	16,993	19,968	2,565	15,833	18,398	3,102	17,433	20,535	3,037	17,024	20,061
소아청소년과(PD)	171	1,064	1,235	180	1,070	1,250	165	1,030	1,195	217	1,081	1,298	216	1,084	1,300
신경과(ND)	712	3,757	4,469	708	3,678	4,386	703	3,519	4,222	828	4,037	4,865	765	3,925	4,690
정신건강의학과(NP)	145	2,130	2,275	153	2,036	2,189	132	1,944	2,076	154	2,048	2,202	139	1,960	2,099
피부과(DM)	570	1,187	1,757	573	1,323	1,896	482	1,245	1,727	547	1,287	1,834	464	1,165	1,629
외과(GS)	557	3,831	4,388	903	3,812	4,715	838	3,640	4,478	922	3,803	4,725	946	3,762	4,708
흉부외과(TS)	135	511	646	162	529	691	113	456	569	163	570	733	158	529	687
성형외과(PS)	191	547	738	156	516	672	189	525	714	176	525	701	179	560	739
정형외과(OS)	954	3,066	4,020	839	3,009	3,848	643	2,812	3,455	894	3,091	3,985	781	2,888	3,669
신경외과(NS)	450	2,338	2,788	459	2,258	2,717	485	2,271	2,756	495	2,460	2,955	419	2,476	2,895
산부인과(OBGY)	436	2,234	2,670	413	2,062	2,475	423	2,006	2,429	429	2,126	2,555	512	2,045	2,557
안과(OT)	614	3,111	3,725	520	2,912	3,432	472	2,775	3,247	555	3,011	3,566	565	2,939	3,504
이비인후과(OL)	814	1,630	2,444	717	1,536	2,253	745	1,559	2,304	834	1,669	2,503	723	1,609	2,332
비뇨기과(UR)	430	1,959	2,389	408	1,904	2,312	386	1,822	2,208	407	1,978	2,385	464	1,939	2,403
치과(DS)	265	990	1,255	192	997	1,189	233	927	1,160	213	1,016	1,229	248	944	1,192
방사선종양학과(RO)	54	457	511	69	403	472	47	392	439	46	329	375	53	295	348
재활의학과(RM)	141	593	734	170	554	724	159	548	707	152	578	730	129	555	684
가정의학과(FM)	1,707	1,039	2,746	1,666	967	2,633	240	651	891	323	798	1,121	258	783	1,041
통증클리닉(PC)	89	476	565	99	472	571	93	470	563	108	478	586	100	492	592
직업환경의학과(OEM)	10	25	35	11	31	42	16	17	33	21	11	32	16	15	31
핵의학과(NM)	17	51	68	25	46	71	16	40	56	29	62	91	25	59	84
인터벤션클리닉(IRC)	6	3	9	4	3	7	5	1	6	10	2	12	5	1	6
다학제통합진료센터(CAN)			0			0			0			0			0
전염병질병센터(PCC)			0	224		224	1,315	54	1,369	1,117	85	1,202	1,282	423	1,705
영상의학과(RD)		1	1			0			0			0			0
응급실(ER)	2,625	1,194	3,819	2,410	1,164	3,574	2,839	1,315	4,154	3,068	1,356	4,424	2,938	1,349	4,287
물리치료실(PTD)		2,424	2,424		2,660	2,660		2,331	2,331		2,508	2,508		2,678	2,678
인공신장실(AKU)		1,459	1,459		1,413	1,413		1,447	1,447		1,409	1,409		1,440	1,440
주사실(IJR)		493	493		482	482		432	432		543	543		526	526
건강관리과(HC)	1,199	10	1,209	2,261	12	2,273	1,842	16	1,858	1,363	11	1,374	1,414	20	1,434
건강증진센터(HPC)	0	0	0	709	0	709	605	0	605	796	0	796	747	0	747
총 계	15,348	54,760	70,108	17,006	52,842	69,848	15,751	50,078	65,829	16,969	54,305	71,274	16,583	53,485	70,068

구분 과별	2021년														
	8월			9월			10월			11월			12월		
	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계
내과(IM)	3,021	17,764	20,785	2,611	17,440	20,051	2,612	16,605	19,217	3,124	18,115	21,239	2,968	18,210	21,178
소아청소년과(PD)	204	1,227	1,431	182	1,137	1,319	152	976	1,128	176	1,034	1,210	114	1,039	1,153
신경과(ND)	745	3,754	4,499	737	3,998	4,735	818	3,826	4,644	737	4,201	4,938	665	4,061	4,726
정신건강의학과(NP)	126	2,002	2,128	143	1,936	2,079	140	1,757	1,897	137	2,012	2,149	138	2,047	2,185
피부과(DM)	486	1,177	1,663	446	1,119	1,565	527	1,113	1,640	601	1,297	1,898	499	1,321	1,820
외과(GS)	1,031	3,670	4,701	947	3,554	4,501	893	3,745	4,638	852	3,827	4,679	796	4,161	4,957
흉부외과(TS)	136	440	576	141	494	635	136	448	584	148	468	616	154	515	669
성형외과(PS)	185	518	703	164	613	777	142	581	723	188	719	907	169	766	935
정형외과(OS)	976	2,967	3,943	845	2,794	3,639	781	2,774	3,555	933	3,151	4,084	790	3,158	3,948
신경외과(NS)	310	2,061	2,371	156	1,541	1,697	273	1,668	1,941	371	1,909	2,280	396	1,963	2,359
산부인과(OBGY)	491	2,136	2,627	440	1,949	2,389	433	1,967	2,400	494	2,231	2,725	438	2,198	2,636
안과(OT)	580	2,906	3,486	471	2,887	3,358	503	2,938	3,441	638	3,267	3,905	501	3,283	3,784
이비인후과(OL)	776	1,727	2,503	646	1,499	2,145	699	1,563	2,262	789	1,713	2,502	724	1,813	2,537
비뇨기과(UR)	445	1,840	2,285	390	1,973	2,363	405	1,813	2,218	494	2,095	2,589	418	2,136	2,554
치과(DS)	261	1,036	1,297	216	905	1,121	225	998	1,223	265	1,191	1,456	227	1,100	1,327
방사선종양학과(RO)	51	346	397	49	320	369	52	332	384	52	398	450	52	350	402
재활의학과(RM)	133	509	642	159	519	678	128	519	647	161	625	786	140	540	680
가정의학과(FM)	269	875	1,144	241	720	961	225	793	1,018	265	841	1,106	241	769	1,010
통증클리닉(PC)	109	541	650	91	467	558	74	420	494	92	475	567	103	499	602
직업환경의학과(OEM)	7	19	26	14	28	42	12	21	33	5	28	33	7	24	31
핵의학과(NM)	13	55	68	27	56	83	24	43	67	27	49	76	30	64	94
인터벤션크리닉(IRC)	10	2	12	13		13	11	2	13	7		7	6	1	7
다학제통합진료센터(CAN)			0			0			0			0			0
전염병질병센터(PCC)	1,653	539	2,192	1,090	385	1,475	770	313	1,083	1,035	361	1,396	1,576	461	2,037
영상의학과(RD)			0	1		1			0			0			0
응급실(ER)	3,079	1,383	4,462	3,426	1,601	5,027	3,119	1,528	4,647	2,659	1,275	3,934	2,268	1,213	3,481
물리치료실(PTD)		2,525	2,525		2,235	2,235		2,304	2,304		2,580	2,580		2,541	2,541
인공신장실(AKU)		1,375	1,375		1,406	1,406		1,385	1,385		1,425	1,425		1,541	1,541
주사실(IJR)		530	530		436	436		533	533		594	594		615	615
건강관리과(HC)	1,297	13	1,310	1,153	29	1,182	1,412	23	1,435	2,151	27	2,178	2,441	33	2,474
건강증진센터(HPC)	648	0	648	662	0	662	702	0	702	757	0	757	618	0	618
총 계	17,042	53,937	70,979	15,461	52,041	67,502	15,268	50,988	66,256	17,158	55,908	73,066	16,479	56,422	72,901

구분 과별	2022년						계		
	1월			2월			초진 New	재진 Old	계
	초진 New	재진 Old	계	초진 New	재진 Old	계			
	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계
내과(IM)	2,501	16,825	19,326	2,028	15,416	17,444	33,600	205,838	239,438
소아청소년과(PD)	100	1,047	1,147	99	944	1,043	1,976	12,733	14,709
신경과(ND)	579	3,714	4,293	515	3,274	3,789	8,512	45,744	54,256
정신건강의학과(NP)	126	1,763	1,889	121	1,878	1,999	1,654	23,513	25,167
피부과(DM)	491	1,181	1,672	398	1,069	1,467	6,084	14,484	20,568
외과(GS)	838	3,813	4,651	602	3,299	3,901	10,125	44,917	55,042
흉부외과(TS)	141	500	641	133	457	590	1,720	5,917	7,637
성형외과(PS)	213	764	977	197	656	853	2,149	7,290	9,439
정형외과(OS)	697	2,863	3,560	624	2,423	3,047	9,757	34,996	44,753
신경외과(NS)	344	1,928	2,272	332	1,768	2,100	4,490	24,641	29,131
산부인과(OBGY)	444	2,051	2,495	374	1,923	2,297	5,327	24,928	30,255
안과(OT)	448	2,736	3,184	431	2,733	3,164	6,298	35,498	41,796
이비인후과(OL)	604	1,585	2,189	551	1,300	1,851	8,622	19,203	27,825
비뇨기과(UR)	401	1,942	2,343	316	1,664	1,980	4,964	23,065	28,029
치과(DS)	252	1,144	1,396	209	947	1,156	2,806	12,195	15,001
방사선종양학과(RO)	75	308	383	56	397	453	656	4,327	4,983
재활의학과(RM)	144	550	694	130	489	619	1,746	6,579	8,325
가정의학과(FM)	201	609	810	219	601	820	5,855	9,446	15,301
통증클리닉(PC)	65	471	536	68	384	452	1,091	5,645	6,736
직업환경의학과(OEM)	9	22	31	5	19	24	133	260	393
핵의학과(NM)	33	65	98	25	41	66	291	631	922
인터벤션클리닉(IRC)	7	2	9	11		11	95	17	112
다학제통합진료센터(CAN)			0			0	0	0	0
전염병질병센터(PCC)	1,205	460	1,665	2,147	533	2,680	13,414	3,614	17,028
영상의학과(RD)			0			0	1	1	2
응급실(ER)	2,373	1,290	3,663	2,044	1,092	3,136	32,848	15,760	48,608
물리치료실(PTD)		2,293	2,293		1,959	1,959	0	29,038	29,038
인공신장실(AKU)		1,418	1,418		1,245	1,245	0	16,963	16,963
주사실(IJR)		553	553		486	486	0	6,223	6,223
건강관리과(HC)	999	12	1,011	1,139	10	1,149	18,671	216	18,887
건강증진센터(HPC)	387	0	387	403	0	403	7,034	0	7,034
총 계	13,677	51,909	65,586	13,177	47,007	60,184	189,919	633,682	823,601

3. 퇴원환자 월별 통계

과별	2021년													
	3월		4월		5월		6월		7월		8월		9월	
	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수
내과(IM)	1,017	8,600	1,048	9,157	984	8,996	1,061	8,543	1,086	9,719	1,016	9,308	1,006	9,518
소아청소년과(PD)	94	726	95	1,015	81	1,009	94	703	73	682	82	743	86	740
신경과(ND)	121	1,407	101	746	111	928	134	1,023	142	1,160	104	678	121	755
정신건강의학과(NP)	20	257	19	276	25	374	20	322	31	557	24	279	20	257
피부과(DM)	2	16	1	7			2	8	1	3	3	21	1	2
외과(GS)	526	3,354	554	3,195	526	3,424	543	3,647	588	3,399	509	3,004	543	3,772
흉부외과(TS)	56	437	57	436	56	374	53	350	50	275	56	549	42	396
성형외과(PS)	29	246	34	254	32	316	33	556	45	411	46	382	48	304
정형외과(OS)	253	3,242	212	2,694	231	3,504	224	3,140	232	2,822	227	3,626	209	2,851
신경외과(NS)	234	2,929	176	4,068	204	2,203	172	2,529	187	2,486	70	1,369	68	1,056
산과(OB)	45	413	40	360	33	264	37	310	33	277	36	463	40	333
부인과(GY)	150	950	175	1,002	146	1,089	162	1,015	162	878	170	909	145	1,057
안과(OT)	114	219	118	230	110	281	106	197	131	286	121	301	109	263
이비인후과(OL)	133	485	130	475	88	449	126	486	145	601	121	493	103	445
비뇨의학과(UR)	93	571	87	454	77	490	74	493	78	489	66	366	80	457
치과(DS)							1	1						
방사선종양학과(RO)														
재활의학과(RM)	32	604	49	975	38	681	34	748	42	798	30	595	29	569
가정의학과(FM)			1	4										
통증클리닉(PC)	5	45	10	114	5	61	10	87	7	92	7	73	11	98
직업환경의학과(OEM)														
핵의학과(NM)	9	18	6	12	8	17	10	21	8	17	12	24	7	15
인터벤션클리닉(IRC)														
다학제통합진료센터(CAN)														
전염병질병센터(PCC)														
영상의학과(RD)														
응급의학과(EMD)	0	9	0	11	0	1	0	8	0	7	0	5	0	5
신생아(NB)	4	16	6	23	3	19	4	12	7	22	5	24	5	20
총 계	2,937	24,544	2,919	25,508	2,758	24,480	2,900	24,199	3,048	24,981	2,705	23,212	2,673	22,913

구분 과별	2021년						2022년				계		퇴원 환자	입원 환자
	10월		11월		12월		1월		2월					
	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수	평균 재원일수	재원 연인원수
내과(IM)	1,122	9,647	1,056	9,457	1,048	8,472	1,029	8,870	832	7,244	12,305	107,531	8.7	104,722
소아청소년과(PD)	82	675	67	595	51	542	61	1,104	54	728	920	9,262	10.1	8,724
신경과(ND)	148	1,021	138	1,179	98	953	112	781	82	719	1,412	11,350	8.0	10,500
정신건강의학과(NP)	21	298	21	211	20	363	20	320	8	210	249	3,724	15.0	3,694
피부과(DM)			2	17			1	3	0	8	13	85	6.5	82
외과(GS)	577	3,640	552	3,306	601	3,967	563	3,570	506	3,443	6,588	41,721	6.3	41,310
흉부외과(TS)	43	244	60	643	77	619	61	471	62	532	673	5,326	7.9	5,062
성형외과(PS)	45	355	60	444	56	482	46	380	42	304	516	4,434	8.6	4,145
정형외과(OS)	252	2,863	252	2,923	262	2,990	228	2,683	177	2,122	2,759	35,460	12.9	34,091
신경외과(NS)	83	766	103	993	145	1,661	145	1,474	152	1,653	1,739	23,187	13.3	19,923
산과(OB)	34	385	35	409	44	287	40	390	35	319	452	4,210	9.3	4,129
부인과(GY)	176	1,132	165	951	184	966	192	1,096	167	820	1,994	11,865	6.0	11,477
안과(OT)	120	327	138	297	138	347	129	320	112	291	1,446	3,359	2.3	2,727
이비인후과(OL)	119	579	126	574	147	537	117	736	91	411	1,446	6,271	4.3	5,952
비뇨의학과(UR)	85	494	95	603	79	467	96	573	66	360	976	5,817	6.0	5,679
치과(DS)											1	1	0.0	0
방사선종양학과(RO)											0	0	0.0	
재활의학과(RM)	24	447	30	539	21	596	28	465	16	377	373	7,394	19.8	7,459
가정의학과(FM)											1	4	4.0	4
통증클리닉(PC)	9	103	3	34	9	82	4	47	3	113	83	949	11.4	1,321
직업환경의학과(OEM)											0	0	0.0	
핵의학과(NM)	9	18	10	20	10	20	8	16	2	4	99	202	2.0	203
인터벤션클리닉(IRC)											0	0	0.0	
다학제통합진료센터(CAN)														
전염병질병센터(PCC)														
영상의학과(RD)											0	0	0.0	
응급의학과(EMD)	0	8	0	4	0	2	0	4	0	3	0	67	0.0	0
신생아(NB)	7	22	7	29	4	12	2	6	7	23	61	228	3.7	263
총 계	2,956	23,024	2,920	23,228	2,994	23,365	2,882	23,309	2,414	19,684	34,106	282,447	8.3	271,467

4. 외래, 퇴원환자 종류별 통계

구분 과별	외래													과별 구성비(%)
	건보		급여		산재		일반		자보		기타		계 환자수	
	환자수	(%)	환자수	(%)	환자수	(%)	환자수	(%)	환자수	(%)	환자수	(%)		
내과(IM)	221,610	92.6	17,032	7.1	215	0.1	572	0.2	4	0.0	5	0.0	239,438	29.1
소아청소년과(PD)	13,985	95.1	294	2.0	0	0.0	430	2.9	0	0.0		0.0	14,709	1.8
신경과(ND)	49,177	90.6	4,899	9.0	53	0.1	112	0.2	15	0.0		0.0	54,256	6.6
정신건강의학과(NP)	21,687	86.2	2,653	10.5	384	1.5	149	0.6	294	1.2		0.0	25,167	3.1
피부과(DM)	18,871	91.7	1,343	6.5	0	0.0	350	1.7	4	0.0		0.0	20,568	2.5
외과(GS)	51,517	93.6	3,323	6.0	11	0.0	184	0.3	7	0.0		0.0	55,042	6.7
흉부외과(TS)	6,876	93.6	661	8.7	37	0.5	13	0.2	50	0.7		0.0	7,637	0.9
성형외과(PS)	7,486	90.0	333	3.5	106	1.1	1,278	13.5	236	2.5		0.0	9,439	1.1
정형외과(OS)	38,042	79.3	3,235	7.2	1,736	3.9	692	1.5	1,048	2.3		0.0	44,753	5.4
신경외과(NS)	25,890	85.0	2,452	7.2	174	0.6	165	0.6	450	1.5		0.0	29,131	3.5
산과(OB)														
부인과(GY)	29,111	96.2	935	3.1	0	0.0	206	0.7	3	0.0		0.0	30,255	3.7
안과(OT)	38,882	93.0	2,630	6.3	142	0.3	79	0.2	63	0.2		0.0	41,796	5.1
이비인후과(OL)	25,921	93.2	1,597	5.7	77	0.3	170	0.6	59	0.2	1	0.0	27,825	3.4
비뇨의학과(UR)	25,906	92.4	1,812	6.5	162	0.6	109	0.4	40	0.1		0.0	28,029	3.4
치과(DS)	12,692	84.6	796	5.3	18	0.1	1,460	9.7	35	0.2		0.0	15,001	1.8
방사선종양학과(RO)	4,628	92.9	344	6.9	7	0.1	4	0.1	0	0.0		0.0	4,983	0.6
재활의학과(RM)	6,912	83.0	925	11.1	271	3.3	87	1.0	130	1.6		0.0	8,325	1.0
가정의학과(FM)	13,902	90.9	389	2.5	0	0.0	1,009	6.6	0	0.0	1	0.0	15,301	1.9
통증클리닉(PC)	5,319	79.0	796	11.8	448	6.7	13	0.2	160	2.4		0.0	6,736	0.8
직업환경의학과(OEM)	363	92.4	4	1.0		0.0	20	5.1		0.0	6	1.5	393	0.0
핵의학과(NM)	900	97.6	21	2.3		0.0	1	0.1		0.0		0.0	922	0.1
인터벤션클리닉(IRC)	102	91.1	8	7.1		0.0	2	1.8		0.0		0.0	112	0.0
다학제통합진료센터(CAN)														0.0
전염병질병센터(PCC)	15,958	93.7	397	2.3		0.0	672	3.9	1	0.0		0.0	17,028	2.1
영상의학과(RD)		0.0		0.0		0.0	2	100.0		0.0		0.0	2	0.0
건강관리과(HC)		0.0		0.0		0.0	18,887	100.0		0.0		0.0	18,887	2.3
건강증진센터(HPC)		0.0		0.0		0.0	7,034	100.0		0.0		0.0	7,034	0.9
응급의학과(EMD)														
응급실(ER)	44,515	91.6	3,291	6.8	6	0.0	326	0.7	469	1.0	1	0.0	48,608	5.9
물리치료실(PTD)	22,039	75.9	3,405	11.7	2,435	8.4	17	0.1	1,065	3.7	77	0.3	29,038	3.5
인공신장실(AKU)	14,414	85.0	2,545	15.0		0.0	4	0.0		0.0		0.0	16,963	2.1
주사실(IJR)	5,841	93.9	351	5.6		0.0	26	0.4		0.0	5	0.1	6,223	0.8
총 계	722,546	87.7	56,471	6.9	6,282	0.8	34,073	4.1	4,133	0.5	96	0.0	823,601	100.0

구분 과별	퇴원													
	건보		산재		자보		급여		일반		기타		계	과별
	환자수	(%)	환자수	(%)	환자수	(%)	환자수	(%)	환자수	(%)	환자수	(%)	환자수	구성비(%)
내과(IM)	11,035	89.7	12	0.1		0.0	1,252	10.2	2	0.0	4	0.0	12,305	36.2
소아청소년과(PD)	900	97.8		0.0		0.0	20	2.2		0.0		0.0	920	2.7
신경과(ND)	1,309	92.7	2	0.1	1	0.1	99	7.0	1	0.1		0.0	1,412	4.1
정신건강의학과(NP)	247	98.4		0.0	1	0.4	2	0.8	1	0.4		0.0	251	0.7
피부과(DM)	11	100.0		0.0		0.0		0.0		0.0		0.0	11	0.0
외과(GS)	6,121	92.9		0.0	2	0.0	459	7.0	4	0.1	2	0.0	6,588	19.4
흉부외과(TS)	602	89.5		0.0	3	0.4	65	9.7	1	0.1	2	0.3	673	2.0
성형외과(PS)	443	85.9	4	0.8	26	5.0	21	4.1	22	4.3		0.0	516	1.5
정형외과(OS)	2,285	82.8	152	5.5	115	4.2	198	7.2	7	0.3	2	0.1	2,759	8.1
신경외과(NS)	1,606	92.4	4	0.2	23	1.3	106	6.1		0.0		0.0	1,739	5.1
산과(OB)	445	98.5		0.0	2	0.4	4	0.9	1	0.2		0.0	452	1.3
부인과(GY)	1,883	94.4		0.0	1	0.1	97	4.9	13	0.7		0.0	1,994	5.9
안과(OT)	1,319	91.2	6	0.4	2	0.1	103	7.1	16	1.1		0.0	1,446	4.2
이비인후과(OL)	1,370	94.7		0.0	1	0.1	71	4.9	4	0.3		0.0	1,446	4.2
비뇨의학과(UR)	904	92.6		0.0	1	0.1	70	7.2	1	0.1		0.0	976	2.9
치과(DS)	1													
방사선종양학과(RO)														
재활의학과(RM)	336	90.1	5	1.3	10	2.7	22	5.9		0.0		0.0	373	1.1
가정의학과(FM)	1	100.0		0.0		0.0		0.0		0.0		0.0	1	0.0
통증클리닉(PC)	52	62.7	12	14.5	2	2.4	16	19.3	1	1.2		0.0	83	0.2
직업환경의학과(OEM)		0.0		0.0		0.0		0.0		0.0		0.0	0	0.0
핵의학과(NM)	98	99.0		0.0		0.0	1	1.0		0.0		0.0	99	0.3
인터벤션클리닉(IRC)														
다학제통합진료센터(CAN)														
전염병질병센터(PCC)														
영상의학과(RD)														
건강관리과(HC)														
건강증진센터(HPC)														
응급의학과(EMD)														
응급실(ER)														
물리치료실(PTD)														
인공신장실(AKU)														
주사실(IJR)														
총 계	30,968	91.0	197	0.6	190	0.6	2,606	7.7	74	0.2	10	0.0	34,045	100.0

5. 수술환자 과별 통계

진료과	2021년												2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
내과(IM)	2	2	0	1	3	4	2	3	2	2	2	0	23		
소아청소년과(PD)	0	0	0	0	0	0	0	0	0	0	0	0	0		
피부과(DM)	0	0	0	0	0	0	0	0	0	0	0	0	0		
외과(GS)	370	420	376	384	388	350	343	358	389	381	353	344	4,456		
흉부외과(TS)	55	53	48	53	56	54	41	40	62	67	53	48	630		
성형외과(PS)	70	68	75	87	76	84	92	80	103	83	102	82	1,002		
정형외과(OS)	338	332	349	350	414	386	349	339	320	296	269	247	3,989		
신경외과(NS)	78	70	90	72	53	20	23	24	34	46	52	53	615		
산부인과(OBGY)	100	131	79	106	105	104	101	100	97	117	120	112	1,272		
안과(OT)	360	326	310	342	350	334	323	357	367	392	340	331	4,132		
이비인후과(OL)	127	127	73	118	136	107	106	94	122	148	100	77	1,335		
비뇨기과(UR)	85	100	71	87	87	73	76	83	83	91	94	67	997		
치과(DS)	0	0	0	1	0	0	0	0	0	0	0	0	1		
인터벤션클리닉(IRC)	0	1	1	0	1	0	2	1	0	0	0	0	6		
통증클리닉(PC)	3	2	1	4	1	3	2	7	2	2	3	3	33		
총 계	1,588	1,632	1,473	1,605	1,670	1,519	1,460	1,486	1,581	1,625	1,488	1,364	18,491		

6. 마취 통계

구분	2021년												2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
전신마취(General)	761	818	704	711	733	645	637	649	754	805	727	644	8,588		
척추마취(Spinal)	102	102	83	97	98	109	108	122	86	115	103	100	1,225		
경막외마취(Epidural)	2	0	1	3	0	1	1	0	0	0	0	0	8		
상박신경총차단마취(B.P.B)	7	4	2	0	1	1	1	2	4	0	0	1	23		
미추마취(Caudal)	0	0	0	1	0	0	0	0	0	0	0	0	1		
신경차단마취(Nerve Block)	0	0	0	0	0	0	0	0	0	0	0	0	0		
정맥부분마취(IV Regional)	0	0	0	0	0	0	0	0	0	0	0	0	0		
척추&경막외(Spina&Epidura)	6	4	1	2	2	0	1	1	1	0	0	0	18		
국소마취(Local)	682	674	660	760	810	724	687	677	709	680	631	595	8,289		
총 계	1,560	1,602	1,451	1,574	1,644	1,480	1,435	1,451	1,554	1,600	1,461	1,340	18,152		

7. 응급의료센터 환자 통계

과별	2021년												2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
내과(IM)	640	611	649	665	745	710	701	750	630	608	573	504	7,786		
소아청소년과(PD)	213	213	251	233	190	195	279	272	203	172	220	178	2,619		
신경과(ND)	109	130	123	154	108	109	128	180	116	124	90	82	1,453		
정신건강의학과(NP)	18	30	32	26	20	29	35	46	34	27	32	11	340		
피부과(DM)			2										2		
외과(GS)	73	93	96	106	93	92	91	104	102	70	86	87	1,093		
흉부외과(TS)	19	27	29	23	34	26	33	22	34	33	16	34	330		
성형외과(PS)	22	22	27	24	20	33	31	24	28	31	21	14	297		
정형외과(OS)	185	192	212	188	182	174	199	209	183	160	150	132	2,166		
신경외과(NS)	124	106	136	104	88	37	48	56	103	72	124	106	1,104		
산부인과(OBGY)	37	66	54	44	45	64	70	47	44	55	56	44	626		
안과(OT)	37	42	58	50	69	65	69	79	80	59	67	62	737		
이비인후과(OL)	51	49	73	43	63	58	64	51	52	42	54	43	643		
비뇨기과(UR)	5	15	16	11	11	12	16	15	11	8	16	11	147		
치과(DS)													0		
방사선종양학과(RO)													0		
재활의학과(RM)	6	5				1		2	1	4		2	21		
가정의학과(FM)													0		
핵의학과(NM)													0		
통증클리닉(PC)			1	2	1						2		6		
직업환경의학과(OEM)													0		
인터벤션클리닉(IRC)													0		
영상의학과(RD)													0		
응급의학과(EMD)	2,280	1,973	2,395	2,751	2,618	2,857	3,263	2,790	2,313	2,016	2,156	1,826	29,238		
총 계	3,819	3,574	4,154	4,424	4,287	4,462	5,027	4,647	3,934	3,481	3,663	3,136	48,608		
일반환자	43	19	37	31	29	23	25	40	20	19	26	14	326		
보험환자	3,776	3,555	4,117	4,393	4,258	4,439	5,002	4,607	3,914	3,462	3,637	3,122	48,282		
응급실경유입원환자수	738	733	816	800	810	736	779	846	767	642	614	543	8,824		
D.O.A.	0	1	0	1	4	1	1	0	1	1	0	0	10		

8. 사망 통계

진료과	2021년												2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
48시간 이전 사망	3	2	9	2	2	3	2	4	4	3	5	3	42		
48시간 이후 사망	63	63	54	56	67	51	60	69	68	48	67	76	742		
입원사망 계	66	65	63	58	69	54	62	73	72	51	72	79	784		
조사망률 (%)	2.2	2.2	2.3	2.0	2.3	2.0	2.3	2.5	2.5	1.7	2.5	3.3	2.3		
순사망률 (%)	2.1	2.2	2.0	1.9	2.2	1.9	2.2	2.3	2.3	1.6	2.3	3.2	2.2		
산모사망수	0	0	0	0	0	0	0	0	0	0	0	0	0		
산모사망률 (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
신생아사망수	0	2	0	0	0	0	0	1	0	1	0	1	5		
신생아사망률 (%)	0.0	6.3	0.0	0.0	0.0	0.0	0.0	3.8	0.0	4.3	0.0	3.4	1.6		
응급실사망수	25	17	21	7	16	9	16	17	23	17	19	14	201		
D.O.A	0	1	0	1	4	1	1	0	1	1	0	0	10		
P.O.D	3	4	2	2	2	1	3	3	4	4	6	1	35		
Autopsy	0	0	0	0	0	0	0	0	0	0	0	0	0		

9. 분만 통계

구분	2021년												2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
Normal	11	8	5	9	6	2	7	7	4	3	7	5	74		
Vacuum	0	0	0	0	0	0	0	0	0	0	0	0	0		
Breech	0	0	0	0	0	0	0	0	0	0	0	0	0		
C/Sec	13	26	11	13	16	19	23	13	12	17	18	21	202		
총 분만수	24	34	16	22	22	21	30	20	16	20	25	26	276		
Twin	2	6	3	3	2	6	6	2	3	5	7	6	51		
Stillbirth	1	0	1	0	0	1	1	0	0	1	2	2	9		

10. 신생아 통계

구분	2021년												2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
정상아	4	6	3	4	7	5	7	7	7	5	3	7	65		
Sick baby	본원출산	13	27	26	21	17	18	25	21	13	18	30	24	253	
	외부출산	12	9	9	10	9	9	9	9	13	7	6	4	106	
계	29	42	38	35	33	32	41	37	33	30	39	35	424		
쌍생아(명)	0	11	6	8	6	11	12	2	6	11	12	12	97		
저체중아 (lessthan500-2499g)	10	20	11	11	6	17	18	8	11	17	21	17	167		
사망	본원출산	0	2	0	0	0	0	0	1	0	1	0	1	5	
	외부출산	0	0	0	0	0	0	0	0	0	0	0	0	0	

11. 과별 전과 환자수 통계

BY	TO	IM	PD	NM	NP	DM	GS	TS	PS	OS	NS	GY	OT	OL	UR	DS	RO	RM	FM	AN	IRC	ND	ETC	계	
		내과(IM)	395	0	27	0	0	541	48	1	51	43	13	1	14	25	0	0	27	0	1	0	0	17	1,204
소아청소년과(PD)	1					43	10			3		5												62	
신경과(ND)	32			3		1	1		6	48				5	1			103		1			3	204	
정신건강의학과(NP)	1		2																					3	
피부과(DM)	1										1													2	
외과(GS)	127	41	2					1	16	19	5	2			11			4					5	233	
흉부외과(TS)	37	10	2			3		1	3	2	1							2					1	62	
성형외과(PS)	2					12			6	3		1	1					1						26	
정형외과(OS)	89		5			8	1	9		6		1						85		3			6	213	
신경외과(NS)	74	2	11		1	8	3	12	17			1	1	1	1			101					1	234	
산부인과(OBGY)	16					11			1	1					1			1					4	35	
안과(OT)	1	5	1					1	1	2	1												2	14	
이비인후과(OL)	25		5							1	2	1													34
비뇨의학과(UR)	21		1			11		1	2	1								1					1	39	
치과(DS)	0																							0	
방사선종양학과(RO)	0																							0	
재활의학과(RM)	15		5			1			5	8															34
가정의학과(FM)	0																								0
통증클리닉(PC)	2		1							3				1				3							10
핵의학과(NM)	0																								0
인터벤션클리닉(IRC)	0																								0
영상의학과(RD)	0																								0
응급의학과(EMD)	28		5	3		10	2		7	5	4		1	1											66
총 계	867	58	67	6	1	649	67	41	123	129	22	9	23	40	0	0	328	0	5	0	0	40	2,475		

12. 과별 협의 진단수 통계

BY \ TO	IM	PD	NM	NP	DM	GS	TS	PS	OS	NS	GY	OT	OL	UR
내과(IM)	14038	5	2171	1030	955	2480	550	296	1433	516	259	705	819	1075
소아청소년과(PD)	12	151	2	13	37	48	11	45	34	23	4	330	34	4
신경과(NM)	2885		25	111	104	187	49	41	261	128	42	205	195	149
정신건강의학과(NP)	104	13	44		23	18		22	40	9	15	16	25	11
피부과(DM)	9		4	1					4	1		6	3	
외과(GS)	3717	2	281	211	121	199	87	420	279	106	70	73	130	301
흉부외과(TS)	673		59	26	27	21	1	60	41	27	7	17	19	50
성형외과(PS)	326	10	26	18	11	35	12		105	49		144	13	34
정형외과(OS)	5928	13	487	351	296	195	129	155	625	195	45	154	143	317
신경외과(NS)	3525	11	121	94	120	276	73	157	269	67	25	179	184	148
산부인과(OBGY)	729		42	36	43	142	7	4	49	22		49	40	83
안과(OT)	180	2	21	9	7	1	4	22	7	12	2	1	14	4
이비인후과(OL)	665	1	73	22	20	10	8	34	35	24	7	28	14	30
비뇨기과(UR)	752		60	34	29	51	6	5	43	21	8	12	21	
치과(DS)	0													
방사선종양학과(RO)	0													
재활의학과(RM)	520		163	75	58	63	24	27	166	148	10	37	67	110
가정의학과(FM)	0			3										2
통증클리닉(PC)	98		23	83	13	25		25	47			7	15	13
핵의학과(NM)	1				1									
인터벤션클리닉(IRC)	0													
영상의학과(RD)	0													
응급의학과(EMD)	539	3	42		23	47	17	5	5	14	4	1	2	23
총 계	34,701	211	3,644	2,117	1,888	3,798	978	1,318	3,443	1,362	498	1,964	1,738	2,354

BY \ TO	DS	RO	RM	FM	AN	SW	CP	RD	IRC	ND	ETC	건수	환자수
내과(IM)	184	269	1488	30	360	301	595	346	2029	2	1452	33,388	7009
소아청소년과(PD)	5		214				7	88	27	7	20	1,116	342
신경과(NM)	22		651	11	56	50	58	38	97	1	164	5,530	994
정신건강의학과(NP)	7		12	1	6	96		5				467	166
피부과(DM)			1		4							33	11
외과(GS)	20	44	181	3	223	110	15	327	420	2	431	7,773	2275
흉부외과(TS)	3	4	102	3	25	24	1	28	5		65	1,288	312
성형외과(PS)	11	4	19	4	11	8		1	6		15	862	247
정형외과(OS)	52	2	320	9	215	108	11	35	173		337	10,295	1566
신경외과(NS)	18	30	888	6	121	87	1	42	134		214	6,790	895
산부인과(OBGY)	2	41	72		25	10	1	13	92		111	1,613	610
안과(OT)	3					4		1			3	297	118
이비인후과(OL)	21	21	44	4	9	15	3	63	12		46	1,209	391
비뇨기과(UR)	6	13	18	1	11	19	3	6	48		27	1,194	392
치과(DS)												0	0
방사선종양학과(RO)												0	0
재활의학과(RM)	11	1	6	4	15	5	13	5	13		13	1,554	327
가정의학과(FM)												5	1
통증클리닉(PC)			87			4		32	3			475	74
핵의학과(NM)												2	2
인터벤션클리닉(IRC)												0	0
영상의학과(RD)												0	0
응급의학과(EMD)			2		9	27	75	12	311		33	1,194	127
총 계	365	429	4,105	76	1,090	820	864	981	3,350	5	2,931	75,085	15,859

13. 사회사업과 통계

1) 과별 통계

진료과	2021년												계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
내과	145	119	87	149	147	212	144	150	205	136	147	130	1,771
소아청소년과	4	6	5	17	8	15	5	2	0	1	7	7	77
통증클리닉	8	0	2	3	1	4	3	3	6	16	3	3	52
외과	67	68	65	43	56	58	46	57	95	57	38	45	695
흉부외과	9	8	8	9	21	18	7	13	23	11	6	4	137
성형외과	5	3	1	0	3	2	4	3	5	3	9	2	40
정형외과	49	24	23	55	71	45	34	46	45	56	46	34	528
신경외과	66	43	27	53	29	4	18	34	31	51	51	29	436
산부인과	14	5	2	3	1	10	11	5	17	6	6	1	81
인공신장실	0	0	3	0	4	1	0	2	1	0	0	0	11
안과	6	3	1	7	0	2	4	0	2	7	3	0	35
이비인후과	7	6	7	18	15	3	15	11	7	10	3	9	111
비뇨의학과	9	15	14	4	11	7	7	4	4	4	2	8	89
치과	0	0	0	0	0	0	0	0	0	0	0	0	0
신경과	23	12	13	16	27	22	19	28	53	16	13	3	245
재활의학과	3	5	9	1	5	0	5	3	3	2	5	4	45
방사선종양학과	0	0	4	0	1	0	0	0	0	0	0	0	5
가정의학과	3	2	0	2	0	0	0	0	0	0	0	0	7
정신건강의학과	299	241	226	265	260	168	189	208	282	282	160	162	2,742
피부과	0	0	0	0	0	0	0	0	0	0	0	0	0
전염병질병센터	0	0	6	3	14	2	6	6	2	1	0	0	40
예방검사센터	0	2	5	2	1	0	0	0	0	0	0	0	10
응급실	13	5	14	4	2	14	6	15	5	21	17	7	123
총 계	730	567	522	654	677	587	523	590	786	680	516	448	7,280

2) 문제별 통계

문제별	2021년												계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
경제적 문제	252	175	120	183	186	205	146	172	233	179	165	148	2,164
심리사회적 문제	47	34	63	87	88	88	84	89	124	86	81	53	924
재활상담	0	0	0	0	0	0	0	0	0	0	0	0	0
지역사회자원	51	51	53	58	54	54	47	48	53	41	37	32	579
장기이식	0	13	27	18	24	13	7	16	36	16	10	12	192
집단상담	298	240	208	257	256	154	178	202	264	281	158	155	2,651
퇴원계획	82	54	51	51	69	73	61	63	76	77	65	48	770
총 계	730	567	522	654	677	587	523	590	786	680	516	448	7,280

14. 지역별 환자 통계

※2021년 (회계연도)

Residence	Div	외래환자(초진)		퇴원환자	
		환자수	비율(%)	환자수	비율(%)
부산시 강서구		497	0.4	205	0.6
부산시 금정구		3,926	3.0	1,586	4.7
부산시 남구		5,617	4.3	1,726	5.1
부산시 동구		454	0.3	166	0.5
부산시 동래구		5,630	4.3	2,030	6.0
부산시 진구		2,629	2.0	930	2.7
부산시 북구		1,379	1.1	522	1.5
부산시 사상구		907	0.7	402	1.2
부산시 사하구		721	0.6	323	0.9
부산시 서구		235	0.2	79	0.2
부산시 수영구		8,325	6.4	2,518	7.4
부산시 연제구		4,843	3.7	1,715	5.0
부산시 영도구		463	0.4	196	0.6
부산시 중구		187	0.1	52	0.2
부산시 해운대구		65,896	50.3	11,972	35.2
부산시 기장군		14,941	11.4	3,709	10.9
울산시		3,034	2.3	1,265	3.7
경남		6,922	5.3	3,444	10.1
기타		4,287	3.3	1,205	3.5
계(Total)		130,893	100.0	34,045	100.0

15. 각종 기능검사 통계

구분	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Audiometry		519	457	428	505	446	456	416	446	518	510	406	328	5,435
Bronchoscopy		101	110	68	113	130	100	81	87	110	117	70	74	1,161
Gastroscopy		1,201	1,348	1,279	1,336	1,397	1,258	1,133	1,317	1,516	1,623	954	876	15,238
Sigmoidscopy		76	68	61	70	74	80	59	62	75	62	65	58	810
Colonoscopy		451	572	424	550	782	546	470	457	643	508	439	374	6,216
ESWL		10	10	8	7	10	6	6	2	10	6	2	1	78
ESWT		65	38	37	34	50	68	60	28	30	38	33	33	514
EEG		248	207	194	226	227	218	203	236	237	220	226	162	2,604
EMG		1,975	1,900	1,677	2,168	2,261	2,300	1,727	1,615	1,967	1,685	1,473	1,252	22,000
EKG		2,772	2,602	3,343	2,950	2,902	2,980	2,769	2,928	3,187	3,450	3,046	2,850	35,779
HOLTER		219	202	183	193	180	192	181	214	223	201	163	161	2,312
GXT		91	107	87	90	84	117	91	81	115	140	89	70	1,162
PFT		1,338	1,363	1,246	1,614	1,407	1,475	1,278	1,194	1,569	1,394	1,349	1,072	16,299
USG(OBGY)		1,053	951	957	991	1,006	996	946	952	1,050	1,052	940	878	11,772
총 계		10,119	9,935	9,992	10,847	10,956	10,792	9,420	9,619	11,250	11,006	9,255	8,189	121,380

16. 심혈관센터 통계

구분		2021년											2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
TTE	성인	782	890	758	890	869	814	759	782	858	944	864	785	9,995	
	소아	80	104	75	115	97	92	82	81	106	29	5	24	890	
TEE		16	8	5	9	9	6	15	6	6	17	6	8	111	
Stress echo		0	0	0	0	0	0	0	0	0	1	0	0	1	
Carotid IMT		107	119	97	84	73	77	76	53	83	103	79	72	1,023	
TTE(단순)+Contrast		2	0	1	1	0	0	1	2	0	0	1	2	10	
Fetal echo		0	0	0	0	0	0	0	0	0	0	0	0	0	
VP-2000		24	15	16	15	16	19	78	18	37	48	16	11	313	
Sphygmocor		11	14	6	11	5	3	3	1	7	9	3	4	77	
Treadmill		91	107	87	90	84	117	91	81	115	140	89	70	1,162	
ABP(24시간 혈압)		36	31	24	29	32	24	27	28	36	37	33	15	352	
기립경검사		6	6	8	6	8	6	4	7	6	5	6	4	72	
심박동기분석		24	18	16	19	25	29	22	30	24	25	35	24	291	
ICD분석		11	5	6	8	7	4	7	13	8	2	3	9	83	
Signal ECG		0	0	0	0	0	0	0	0	0	0	0	0	0	
내과	Coronary Angiogram	83	79	70	76	55	76	78	100	116	116	82	70	1,001	
	Cardiac Catheterization	0	0	0	0	0	0	0	0	1	0	0	0	1	
	PTCA	67	57	30	42	34	47	48	58	59	74	40	35	591	
	PTCA Fail	3	2	2	3	2	1	2	1	2	3	2	1	24	
	Stent	54	51	30	33	33	37	40	46	51	73	30	27	505	
	EPS	8	6	3	5	4	4	6	6	5	6	6	0	59	
	RFCA	2	2	3	2	2	5	5	7	3	5	3	0	39	
	RFCA Fail	0	0	0	0	0	0	1	0	0	0	0	0	1	
	Cryoablation	10	4	4	4	2	2	2	4	4	4	6	0	46	
	Shunt angio	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Shunt balloon	0	0	0	0	0	0	0	0	0	0	0	0	0	
	기타 Angiogram	16	7	14	9	13	11	8	20	8	13	8	5	132	
	ILR insertion	0	0	0	0	0	0	0	0	0	0	0	1	1	
	Permanent Pace maker	4	4	6	3	4	4	2	5	6	2	2	3	45	
	Temporary Pace maker	3	4	4	3	2	4	5	4	5	4	1	3	42	
	Pericardiac centesis	4	2	0	2	3	1	1	1	2	2	1	3	22	
	Cardio version	8	5	0	5	2	3	6	3	5	9	2	5	53	
	IABP	0	1	0	0	0	0	0	0	0	0	0	0	1	
	IVUS	22	24	12	18	14	15	19	24	16	29	17	20	230	
	generator 교체	2	0	1	0	0	1	1	0	1	2	0	0	8	
	Lead change	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Ergonovin test	3	0	1	2	1	7	5	11	7	4	6	2	49	
	PMV	0	0	0	0	0	0	0	0	0	0	0	0	0	
	DeviceOcclusion	0	0	0	0	0	0	0	1	0	1	2	0	4	
	PDA Occlusion	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ASD Occlusion	0	0	0	0	0	0	0	1	0	1	2	0	4	
	ICD	1	0	0	0	0	1	0	1	0	1	2	1	7	
	ICD Change	1	0	0	0	0	1	0	0	0	0	0	0	2	
	CRT	0	0	1	0	0	0	0	0	1	0	0	0	2	
	3-D Mapping	0	1	0	1	1	0	0	0	0	1	0	0	4	
	thrombectomy	4	6	4	7	3	5	5	5	6	7	4	5	61	
Peripheral Stent	3	0	1	2	2	3	2	5	0	2	1	0	21		

구분	일별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
내과	Abd- Aorta Stent	0	0	0	0	0	0	0	0	0	1	0	0	1
	Renal Stent	0	0	0	0	0	0	0	0	0	0	0	0	0
	PTA	0	0	4	1	1	1	0	2	0	2	1	0	12
	IVC Filter	0	0	0	0	0	0	0	0	0	0	0	0	0
	IVC Filter remove	0	0	0	0	0	0	0	0	0	0	0	0	0
	Coil embolization	0	0	0	0	0	0	0	0	0	1	0	0	1
	Graft stent(개)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cardiac biopsy	0	0	0	0	0	0	0	0	0	0	0	0	0
	EBS	0	1	0	1	4	0	2	1	1	2	0	0	12
	FFR	5	1	3	3	2	4	5	7	11	13	5	10	69
소아 청소 년과	Cardiac Catheterization	0	0	0	0	0	0	0	0	0	0	0	0	0
	P.V.P	0	0	0	0	0	0	0	0	0	0	0	0	0
	CoronaryAngio	0	0	0	0	0	0	0	0	0	0	0	0	0
	기타 Angiogram	0	0	0	0	0	0	0	0	0	0	0	0	0
	Device cclusion	0	0	0	0	0	0	0	0	0	0	0	0	0
총 계	1,493	1,574	1,292	1,499	1,409	1,424	1,408	1,415	1,596	1,738	1,363	1,219	17,430	

17. 종합건강증진센터 통계

1) 건강관리과 통계

구분			월별		2021년								2022년		계
			3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
건강 검진	초진	지역가입자, 직장피부양자	569	696	615	583	627	468	492	655	735	896	310	266	6,912
	초진	직장가입자(일반)	172	642	459	329	228	337	264	271	650	607	87	92	4,138
	초진	학생검진	0	0	0	0	0	0	0	0	0	0	0	0	0
	계		741	1,338	1,074	912	855	805	756	926	1,385	1,503	397	358	11,050
특수 검진	초진	순수특수검진	161	52	50	96	110	107	47	69	42	184	70	87	1,075
	초진	일반+특수검진	14	466	328	53	111	57	60	68	68	49	11	12	1,297
	계		175	518	378	149	221	164	107	137	110	233	81	99	2,372
채용 배치 전	초진	채용시 건강진단	30	32	20	20	22	20	13	14	19	81	56	40	367
	초진	배치전 건강진단	7	4	2	0	2	1	1	8	6	2	5	5	43
	계		37	36	22	20	24	21	14	22	25	83	61	45	410
재진	2차 건강진단 (정밀검사)		10	12	16	11	20	13	29	23	27	33	12	10	216
초진	특정암검사		1,200	1,447	1,353	1,405	1,334	1,275	1,192	1,400	1,698	1,807	892	816	15,819
초진	간이종합검진		213	865	614	312	247	248	202	239	369	434	108	121	3,972
초진	비자검진		223	356	351	272	304	296	273	282	381	468	426	606	4,238
초진	기타		23	13	17	10	10	11	3	45	250	154	34	31	601
초진	외래		0	0	0	0	0	0	0	0	0	0	0	0	0
재진	(직업환경의학과)		0	0	0	0	0	0	0	0	0	0	0	0	0
총 계			2,622	4,585	3,825	3,091	3,015	2,833	2,576	3,074	4,245	4,715	2,011	2,086	38,678

2) 종합검진센터 통계

구분			월별		2021년								2022년		계
			3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
내국인	남	0	359	370	457	440	327	392	392	434	335	191	200	3,897	
	여	0	340	231	328	299	313	259	297	318	268	185	197	3,035	
외국인	남	0	6	2	5	6	5	7	8	4	13	8	2	66	
	여	0	5	2	6	2	3	4	5	1	2	3	4	37	
총 계			0	710	605	796	747	648	662	702	757	618	387	403	7,035

※2021년 3월 종합검진센터 리모델링 공사

▶ 진료 지원부서 통계

1. 영상의학과 통계

1) 항목별 검사 현황

검사별	2021년												2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
일반촬영	40,531	38,472	37,631	40,032	38,555	38,240	34,837	35,875	37,824	36,260	35,796	33,612	447,665		
특수촬영	68	81	50	71	72	57	61	63	58	56	56	59	752		
유방촬영	3,012	3360	2963	3017	2889	2763	2845	3329	3765	3893	2,135	2,293	36,264		
혈관촬영	1,064	965	958	946	810	675	779	744	615	902	814	826	10,098		
골밀도검사	1233	1375	1143	1280	1278	1226	1137	1186	1324	1710	1071	1004	14,967		
전산화단층촬영	6,848	7,400	7,067	7,841	7,264	6,871	6,648	6,899	7,028	7,224	6,579	5,938	83,607		
자기공명영상검사	2,322	2,416	2,331	2,578	2,532	2,298	2,130	2,259	2,347	2,498	2,184	1,934	27,829		
초음파검사	2,726	2,844	2,527	2,740	2,689	3,063	2,351	2,232	2,439	2,934	2,382	2,248	31,175		
건강증진센터	0	5003	3756	4880	4457	4424	4054	4306	4658	4172	2,461	1,770	43,941		
직업환경의학과	1036	2112	1731	1251	1278	1209	1073	1276	2024	2237	628	679	16,534		
CD COPY, BMD결과지	1,130	1,043	987	1,166	1,194	1,105	1,046	1,014	1,115	1,111	936	854	12,701		
총 계	59,970	65,071	61,144	65,802	63,018	61,931	56,961	59,183	63,197	62,997	55,042	51,217	725,533		

2) 일반촬영 현황

부위별	2021년												2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
Chest	13,256	12,831	12,389	13,144	12,113	12,469	12,206	12,054	12,074	12,451	12,377	10,443	147,807		
Abdomen & KUB	5,266	5,208	5,533	5,961	5,426	5,746	5,221	5,264	5,671	5,219	5,525	4,169	64,209		
Skull	610	585	569	704	609	497	541	553	678	572	570	511	6,999		
PNS	119	105	121	126	138	138	100	141	146	152	148	99	1,533		
Neck	109	118	120	97	106	111	87	82	129	83	77	86	1,205		
Nasal bone	56	68	51	46	79	75	53	61	110	98	75	77	849		
Mandible	26	31	18	20	16	16	20	20	34	24	38	26	289		
Zygomatic arch	28	12	31	14	22	32	32	36	42	49	28	36	362		
Orbit	114	93	122	86	65	97	81	136	110	141	76	89	1,210		
Spine	4,073	3,951	3,631	4,130	3,775	3,671	3,158	3,364	3,687	3,470	3,131	2,699	42,740		
Whole spine	375	446	386	496	599	547	437	393	451	299	435	366	5,230		
Pelvis & Hip	1,571	1,399	1,455	1,450	1,518	1,590	1,340	1,456	1,582	1,754	1,570	1,522	18,207		
Shoulder & Clavicle	2,928	2,485	2,490	2,548	2,101	2,433	2,025	2,200	2,418	2,180	2,336	2,044	28,188		
Humerus	128	116	112	163	124	142	135	152	136	164	129	72	1,573		
Elbow & Forearm	1,442	1,445	1,442	1,302	1,296	1,393	1,284	1,372	1,607	1,476	1,416	1,036	16,511		
Wrist & Hand	2,597	2,629	2,452	2,498	2,150	2,406	1,961	2,152	2,532	2,249	2,225	1,619	27,470		
Upper extremity	0	0	10	0	0	0	5	10	0	3	0	0	28		
Femur	344	310	395	272	299	224	224	359	281	347	337	295	3,687		
Knee	3,246	2,801	2,331	2,903	2,741	2,715	2,335	2,699	2,407	2,264	1,649	1,299	29,390		
Tibia	337	284	346	317	402	337	285	313	340	274	337	252	3,824		
Ankle & Foot	2,308	2,308	2,438	2,396	2,375	2,186	2,087	1,846	2,103	1,916	1,904	1,588	25,455		
Lower extremity	1,594	1,245	1,189	1,357	1,407	1,414	1,217	1,209	1,284	1,069	867	828	14,680		
Infantography	4	2	0	2	0	1	3	3	2	6	3	6	32		
기타(CD copy, BMD결과지)	1,130	1,043	987	1,166	1,194	1,105	1,046	1,014	1,115	1,111	969	911	12,791		
총 계	41,661	39,515	38,618	41,198	38,555	37,343	35,883	36,889	38,939	37,371	36,222	30,073	452,267		

3) 특수촬영 현황

월별 부위별	2021년										2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Esophgogram	5	7	3	6		6	5	7	5	6	4	2	56
UGI	4	5	5	5	3	3	2	4	7	12	2	2	54
Hypotonic Duo													0
Small Bowel													0
Enteroclysis													0
Barium Enema	1	2		1	1				2		2		9
Dicogram													0
T-tube Cholangio													0
OP Cholangio													0
IVP													0
AGP	5			1			2						8
RGP													0
RGU				3			1				1	1	6
VCUG	1	2	1				1	1	2		2		10
Cystogram	4	8	2	7	5	3	5	5	7	3	6	6	61
HSG	2	1	2	1	3	3		4	1	1		1	19
Myelogram	1	1							1				3
Arthrogram				3	3	3	4	1	1	1	1		17
Sialogram													0
Dacryocysto													0
Fisturo													0
Video esophgogram	45	55	35	44	57	39	41	40	33	33	33	32	487
Fluoroscopy													0
intu			2										2
Cavernosography													0
Fluoroscopy 5min													0
ENBD Tubography													0
총 계	68	81	50	71	72	57	61	63	58	56	51	44	732

4) 유방촬영 현황

과별 월별	2021년										2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
내과(MED)	9	13	6	21	4	18	14	4	8	24	8	11	140
핵의학과(NMD)													0
신경정신과(NPD)							4						4
외과(GSR)	1,475	1,462	1,325	1,325	1,218	1,421	1,406	1,635	1,658	1,537	1,483	1,055	17,000
신경과(NEU)	4							4					8
정형외과(OSD)	8		4		4	3					4		23
신경외과(NSD)													0
재활의학과(REH)		4						4					8
성형외과(PSR)													0
산부인과(GYN)	46	29	29	72	54	40	74	56	67	29	30	35	561
이비인후과(ENT)													0
비뇨기과(URO)													0
가정의학과(FMD)	4	17	24	19	23	20	29	9	17	20	18	6	206
영상의학과(RAD)													0
흉부외과(CST)													0
성형외과(PSR)					2								2
응급의학과(EMD)													0
통증의학과(PCR)													0
인터벤션(IRC)													0
직업환경의학과(HCD)	1,466	1,835	1,575	1,580	1,584	1,261	1,318	1,617	2,015	2,279	770	656	17,956
소아청소년과(PED)										4			4
총 계	3,012	3,360	2,963	3,017	2,889	2,763	2,845	3,329	3,765	3,893	2,313	1,763	35,908

5) 혈관검사 현황

부위별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
ANGIO														
Head & Neck														
T.F.C.A. 4 Vessel	219	156	192	6	12	3		21	6	6	6			627
Both Internal Carotid Angio	20	6	12	112	72	10	12	34	38	82	110	100		608
Both. Internal Carotid Occlusion Balloon														0
Lt Internal Carotid Angio	6	12	9	8	7	1	1	5	2	2	2	6		61
Rt Internal Carotid Angio	6	8	7	8	2	3	2	4	2	4	7	4		57
Both External Carotid Angio	20	12	14	16	6		2	2	2	8	8	2		92
Lt External Carotid Angio	2	2	4					2				1		11
Rt External Carotid Angio			1		1		1	2		1	4	1		11
Both Vertebral Angio			4	2	2	2								10
Lt Vertebral Angio	7	3	4	6	9	4	5	16	16	36	52	47		205
Rt Vertebral Angio	2	4	6	51	28	1	1	1	1	4	4	2		105
Both Common Carotid Angio														0
Lt Common Carotid Angio														0
Rt Common Carotid Angio														0
Chest														0
Thoracic Aortogram	6	5	4	4	1	12	3	5	5	8	5	1		59
Both Bronchial Angio	6	2	2			12		2		2	6			32
Lt Bronchial Angio		1				2		1	2		1			7
Rt Bronchial Angio	1	1	1	2		2	2		2	2	1			14
Both Pulmonary Angio														0
Lt Pulmonary Angio						1						1		2
Rt Pulmonary Angio					1									1
Both Subclavian Angio	2	2	2		2	4	2			4	2			20
Lt Subclavian Angio	1	2	1	3		2	1	1		2				13
Rt Subclavian Angio		1		1		2		1	1	1				7
Both Mammary Angio						2								2
Lt Mammary Angio				1		2		1		1				5
Rt Mammary Angio						1				1	1			3
Abdomen														0
Abdominal Aortography	3	2	5	4	3	3	8	4	2	2	4	6		46
Lt Gastric Angio					2	2	2	2	1	6	4	1		20
Gastroduodenal Angio	1	1				1		2	1	3	1	1		11
Celiac Angio	17	27	10	19	19	12	32	29	31	37	30	21		284
SMA Angio	8	16	10	8	9	7	14	14	12	18	10	11		137
IMA Angio		1	2	2	2	1	1		1			2		12
Hepatic Angio	4	18	3	3	6	3	11	9	12	13	8	11		101
Splenic Angio				1	1	1			1	1		1		6
Both Renal Angio						2				2				4
Lt Renal Angio							1					1		2
Rt Renal Angio		1			2	1	1	2			2			9
Both Adrenal Angio														0
Lt Adrenal Angio														0
Rt Adrenal Angio														0
Both Pudendal Angio														0
Lt Pudendal Angio														0
Rt Pudendal Angio														0
Phrenic Angio	1	2	2	1	3	1	2	2		3	1	1		19
Pelvic Angio												1		1
Both Iliac Ateriography		2	6	2	4	6	8	6	2	2		2		40
Lt Iliac Angio		2	1		2				1		1	3		10
Rt Iliac Angio				2				1	1		1			5
Both Uterinec Angio	2		4	2		4	12		2	2	2			30
Lt Uterine Angio														0
Rt Uterine Angio														0
Spinal Angio			2				1							3
Lumbar Angio	2	1	1		1			2	1			1		9
Intercostal Angio	4	5	2	2	2	8	3	5	2	8	3			44
GastroDuodenal														0

부위별	월별	2021년										2022년		계	
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
Upper Extremity															0
Both Brachial Angio															0
Lt Brachial Angio											1				1
Rt Brachial Angio															0
Both Radial Angio															0
Lt Radial Angio															0
Rt Radial Angio															0
Both Hand Angio															0
Lt Hand Angio															0
Rt Hand Angio															0
Lower Extremity															0
Both Foot Angio															0
Lt Foot Angio		1	1	1	1		1								5
Rt Foot Angio			3	1								1			5
Both Tibia Angio															0
Lt Tibia Angio		1	1	1	1		1		1			1			7
Rt Tibia Angio			3	1								1			5
Both Femoral Angio															0
Lt Femoral Angio		2	1	1	1		1		1			1	2		10
Rt Femoral Angio			3	2	1				2	1	1	1	1		12
A-V Shunt Angio															0
Intervention Embolization															0
Head&Neck															0
Head & Neck Tumor Embolization						1									1
Head/Neck Bleeding Embo								1							1
Cerebral Aneurysm Embolization															0
GDC-Coil Embolization		31	22	26	22	10			1		14	20	17		163
Cerebral AVM Embolization			1												1
CCF Embolization											1	1			2
Dural AVF Embolization						1									1
Other's order Embo HEAD/NECT		5		1		1					1		1		9
Chest															
Other's order Embo CHEST		7	8	5	6	3	19	4	3	1	4	3			63
Bronchial A Embolization		2		2	1		4		1	4	2	3			19
Int. Mammary A Embolization					1				1		2	1			5
Pulmonary A Embolization															0
PDA Coil Embolization															0
Subclavian A Embolization			1		1			2	2		1	1			8
Abdomen															0
Gastroduodenal A Embolization			1						1		1				3
Lt Gastric A Embolization						1	1	2	1	1	2	2			10
Pancreatic A Embolization															0
Portal Vein Embolization															0
Pudnal A Embolization															0
Renal Embolization						1									1
SMA Embolization		1		1		2		1		3					8
IMA Embolization															0
Hepatic A Embolization			2		1				1		1	2	2		9
Splenic Embolization					1										1
Hepatic TACE		16	21	9	18	18	7	32	33	33	30	26	19		262
Intercostal Embolization		1	3				4		4	1	6	1			20
Phrenic A Embolization		1									2	1			4
Phrenic V Embolization															0
Uterine A Embolization		2		2			6	9		2	2	2			25
Varicocele Embolization															0
Spinal A Embolization															0
Lumbar A Embolization		2	1						1	2					6
Rectal tumor Embolization															0
Other's order Embo ABDOMEN		2	3	4	4	6	4	9	3	4	5	7	8		59
Gonadal V Embolization															0

부위별	일별	2021년										2022년		계	
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
Both Prostate A Embolization															0
Upper Extremity															0
Both Upper Extremity A Embolization															0
Lt Upper Extremity A Embolization															0
Rt Upper Extremity A Embolization															0
Lower Extremity															0
Both Lower Extremity A Embolization		1													1
Lt Lower Extremity A Embolization									1			1			2
Rt Lower Extremity A Embolization									1			1	1		3
Adrenal vein Embolization															0
Internal Iliac A Embolization			3	2		1			5	1	1	2			15
External Iliac A Embolization			1			1				1					3
Adrenal A Embolization															0
Other's order Embo EXTERMITIES				4	1				2		1		2		10
Stent															0
Head&Neck															0
Both Common Carotid Stent Insertion		2													2
Lt Common Carotid Stent Insertion		2	3		1	3				1		1	1		12
Rt Common Carotid Stent Insertion		2	4	3	1	3				1		1	2		17
Cerebral A Stent insertion		2	5	3	1	1				1		3			16
Cerebral Chemoport Infusion															0
Chemoport Infusion (liver)															0
Chest															0
Esophageal Stent Insertion Fluoroscopic															0
Esophageal Stent Insertion, Endoscopic															0
Bronchial Stent Insertion															0
Tracheal Stent Insertion															0
Throacic Aorta Stent Insertion															0
Both Subclavian Artery Stent Insertion															0
Lt Subclavian Artery Stent Insertion															0
Rt Subclavian Artery Stent Insertion															0
Both Subclavian Vein Stent Insertion															0
Lt Subclavian Vein Stent Insertion															0
Rt Subclavian Vein Stent Insertion															0
Lt Brachiocephalic Vein Stent Insertion															0
Rt Brachiocephalic Vein Stent Insertion			1	1						1					3
Abdomen															0
Abdominal Aorta Stent Insertion															0
Hepatic V Stent Insertion									1						1
Portal V Stent Insertion									1						1
Both Biliary Stent Insertion									2						2
Lt Biliary Stent Insertion									1						1
Rt Biliary Stent Insertion		2			2		1	2			4				11
Gastroduodenal Stent Insertion															0
Mesenteric A Stent Insertion															0
Both Iliac Artery Stent Insertion															0
Both Iliac Vein Stent Insertion															0
Lt Iliac Artery Stent Insertion															0
Lt Iliac Vein Stent Insertion															0
Rt Iliac Artery Stent Insertion					1										1
Rt Iliac Vein Stent Insertion															0
Femoral Artery Stent Insertion															0
IVC Stent Insertion								1							1
Rectal Stent Insertion															0
Both Renal Artery Stent Insertion															0
Lt Renal Artery Stent Insertion															0
Rt Renal Artery Stent Insertion								1							1
SMA Stent Insertion															0
Colon Stent															0
Double J Catheter Insertion Both		2	2				2								6

부위별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Double J Catheter Insertion Lt				1			1	2					2	6
Double J Catheter Insertion Rt			1		2	1	1	1					1	7
IVC Filter Insertion		2							1		1			4
Venous Chemoport Insertion		3	1	4	2	2	4	2	3	1	3	6	2	33
Pyloric stent insertion														0
Upper Extremity														0
Both Upper Extremity Artery Stent Insertion														0
Lt Upper Extremity Artery Stent Insertion														0
Rt Upper Extremity Artery Stent Insertion														0
Subclavian Artery Stent Insertion														0
Lower Extremity														0
Both Low Extremity Artery Stent Insertion														0
Both Low Extremity Vein Stent Insertion														0
Lt Low Extremity Artery Stent Insertion														0
Lt Low Extremity Vein Stent Insertion														0
Rt Low Extremity Artery Stent Insertion														0
Rt Low Extremity Vein Stent Insertion														0
Balloon Dilatation														0
Head&Neck														0
Carotid A Balloon Dilatation				1	2							2		5
Cerebral A Balloon Dilatation		3		1	2	1						1		8
Lacrimal Duct Balloon Dilatation														0
Occulusion Balloon test														0
Chest														0
Esophageal Balloon Dilatation Fluoroscopic											1			1
Bronchial Balloon Dilatation														0
Thoracic Aorta Balloon Dilatation														0
Subclavian A Balloon Dilatation														0
Subclavian V Balloon Dilatation														0
Brachiocephalic V Balloon Dilatation														0
Tracheal Balloon Dilatation														0
Abdomen														0
Abdominal Aorta Balloon Dilatation														0
Hepatic A Balloon Dilatation														0
Both Bile Duct Balloon Dilatation														0
Lt Bile Duct Balloon Dilatation											1			1
Rt Bile Duct Balloon Dilatation					1				1		2		1	5
Gastrointestinal Balloon Dilatation														0
Mesenteric A Balloon Dilatation														0
Mesenteric V Balloon Dilatation														0
Ureter Balloon Dilatation														0
Both lower Iliac Vein Balloon Dilatation														0
Both Iliac Artery Balloon Dilatation														0
Lt Iliac Artery Balloon Dilatation														0
Rt Iliac Artery Balloon Dilatation														0
Lt Iliac Vein Balloon Dilatation														0
Rt Iliac Vein Balloon Dilatation														0
IVC Balloon Dilatation														0
SVC Balloon Dilatation														0
Both Renal Artery Balloon Dilatation														0
Lt Renal Artery Balloon Dilatation														0
Rt Renal Artery Balloon Dilatation														0
Fallopian Tube Balloon Dilatation														0
Esophago-Jejuno Balloon Dilatation														0
SMA Balloon Dilatation														0
Portal V Balloon Dilatation														0
Upper Extremity														0
Both Upper Extremity A Balloon Dilatation														0
Both Upper Extremity Vein Balloon Dilatation														0
Lt Upper Extremity A Balloon Dilatation														0

부위별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Lt Upper Extremity Vein Balloon Dilatation		1		1	2	2	2	1	3	3	1	2		18
Rt Upper Extremity A Balloon Dilatation														0
Rt Upper Extremity Vein Balloon Dilatation		1	2		2		1		2					8
Lower Extremity														0
Both Lower Extremity A Balloon Dilatation														0
Both Lower Extremity V Balloon Dilatation														0
Lt Lower Extremity A Balloon Dilatation				1	1		1							3
Lt Lower Extremity V Balloon Dilatation														0
Rt Lower Extremity A Balloon Dilatation			1	1										2
Rt Lower Extremity V Balloon Dilatation														0
Both lower iliac V Balloon Dilatation														0
Lt lower iliac V Balloon Dilatation														0
Rt lower iliac V Balloon Dilatation														0
A-V Shunt Balloon Dilatation														0
Drainage														0
P.T.C														0
Both P.T.B.D				2		2								4
Both P.T.B.D-Sono Guide														0
Lt P.T.B.D		2		1		2	3	2	3	3	3	1	2	22
Lt P.T.B.D-Sono Guide														0
Rt P.T.B.D		9	7	7	4	5	6	12	4	5	6	8	8	81
Rt P.T.B.D-Sono Guide														0
Both P.T.B.D Tube Change								2						2
Lt P.T.B.D Tube Change		3	1	1	3	1	1	3	2	3	2	1	3	24
Rt P.T.B.D Tube Change		6	4	10	10	7	10	7	7	7	14	11	5	98
P.T.G.B.D		18	19	14	8	24	16	23	15	17	14	19	7	194
P.T.G.B.D-Sono Guide														0
P.T.G.B.D Tubography		1		1						1			1	4
P.T.B.D Cholangiography		3	3	2	3	6	5	4	1	2	5		1	35
PTBD Reposition														0
P.T.B.D Tube Remove		1	1	1			2	1		1		1	1	9
ENBD Tubography														0
T-Tube Cholangiography				1	1			3	1	1	1			8
T-Tube Change												1		1
Both P.C.N		6	2	4	2			4	2	2	6	2	4	34
Both P.C.N-Sono Guide														0
Lt P.C.N		4	1	4	1	3	3	4	2	1	7	1	2	33
Lt P.C.N-Sono Guide														0
Rt P.C.N		4	6	1	2	7	5	5	4	4		3	3	44
Rt P.C.N-Sono Guide														0
Both P.C.N Tube Change		6	2		6	2		2	2	2		2	2	26
Lt P.C.N Tube Change		3	4	2	2	4	2	5	4	1	2	2	3	34
Rt P.C.N Tube Change		3	5	2	6	6	8	6	6	3	4	3	5	57
P.C.N Reposition														0
P.C.N Tube Remove								1						1
P.C.N Tubography					1		2		1	1	3	1		9
TIPS														0
TIPS-Sono Guide														0
TIPS Revision														0
BRTO			1			1			1		1	2		6
Both Pleural Drainage														0
Both Pleural Drainage-Sono Guide														0
Pleural Drainage														0
Pleural Drainage-Sono Guide														0
Both Abscess Drainage														0
Both Abscess Drainage-Sono Guide														0
Abscess Drainage														0
Abscess Drainage-Sono Guide														0
Abscess Graphy														0
A.G.P											1	1	1	3
PCD		51	43	38	52	43	44	56	43	37	44	64	39	554

부위별	일별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
PCD Catheter Change		9	17	7	12	9	8	14	9	9	16	8	8	126
PCD Tubography		1			2	1		1				1		6
Drainage Catheter Remove		3	2	7	5	2	1	5	1		2			28
Removal														0
Stone Removal Transhepatic				3	4									7
Stone Removal Trans T-Tube														0
Stent Removal														0
Esophageal Foreign Body Removal														0
Intravascular Foreign Body Removal														0
Catheter Remove														0
IVC Filter Remove		1		1	1				1				1	5
Double-J catheter Remove Rt														1
Double-J catheter Remove Lt														1
Chemoport Removal			1	1	1									3
Thrombolysis														0
Cerebral Artery Thrombolysis(Intracranial)		1	8		1						1		1	12
Axillosubclavian V Thrombolysis														0
Mesenteric A Thrombolysis														0
Both Upper Extremity A Thrombolysis														0
Both Upper Extremity V Thrombolysis														0
Lt Upper Extremity A Thrombolysis														0
Lt Upper Extremity V Thrombolysis														0
Rt Upper Extremity A Thrombolysis														0
Rt Upper Extremity V Thrombolysis														0
Both Lower Extremity A Thrombolysis														0
Both Lower Extremity V Thrombolysis														0
Lt Lower Extremity A Thrombolysis														0
Lt Lower Extremity V Thrombolysis														0
Rt Lower Extremity A Thrombolysis														0
Rt Lower Extremity Vein Thrombolysis														0
Both iliac Vein thrombolysis														0
Lt iliac Vein thrombolysis														0
Rt iliac Vein thrombolysis														0
Iliofemoral V Thrombolysis														0
Dialysis shunt Thrombolysis														0
SVC Thrombolysis														0
IVC Thrombolysis														0
Pulmory A Thrombolysis														0
Portal V Thrombolysis														0
Thrombectomy														0
Percutaneous intravascular atherectomy)														0
(경피적 혈관내 죽종제거술)														0
Percutaneous thrombus remove(경피적 혈전 제거술)		1												1
Cerebral Artery Thrombectomy(Intracranial)		5	12	6	9	6	2	2	5	6	2	7	11	73
Stomy														0
Gastrostomy(위루술)			2	2	3		1	1			2	1		12
Gastro-Jujunostomy														0
Entrostomy(장루술)														0
PRG Catheter Change				1	1	1	1	1		1	3	4	1	14
Therapy														0
Percutaneous Sclerotherapy ~ Cyst		4	5	19	2	5				1				36
Venogram														0
Cerebral Venography														0
Orbital Venography														0
Jugular Venography														0
Jugular Direct Puncture Venography													1	1
Subclavian Venography														0
Both Adrenal Venography		2				1	2		2		2		2	11
Lt Adrenal Venography			1						1					2
Rt Adrenal Venography														0

부위별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Renal Venography													1	1
Gonadal Venography														0
Hepatic Venography									1					1
IVC Venogram	3						2		2		2		1	10
Perq. Splenoportography														0
Renal Venography											1	2		3
SVC Venogram			1	1					1	1				4
Transhepatic Portography(Direct Portography)								2	1			1		4
Dialysis Shunt Venography	3	3	1	4	2	3	1	6	3	1	2			29
Both Upper Extremity Venography														0
Rt Upper Extremity Venography		1	1	1							2			5
Lt Upper Extremity Venography														0
Both Femoral Venogram														0
Rt Femoral Venogram														0
Lt Lower Extremity Venography														0
Rt Lower Extremity Venography				1										1
Lt Femoral Venogram														0
Pelvic Venography														0
Other Study														0
Vertebroplasty														0
Intra-arterial Chemotherapy(IAC)														0
Percutaneous Gastrostomy														0
Vertebroplasty														0
Transluminal Endarterectomy														0
Bile Duct Biopsy														0
VFS														0
Fistulogram														0
Infuse-A-Port (With Angiography)														0
Gastro-Jejunostomy														0
Fluoroscopy 1Min	1	1	7	2	2	5	6	1	2	1		1		29
Fluoroscopy 10Min														0
Fluoroscopy 20Min														0
P.T.C														0
Esophagogram														0
Both Dacryocystography	2	2	4	4		10	6	2	2		2	10		44
Lt Dacryocystography							1							1
Rt Dacryocystography														0
Skull A-P & Lat view														0
Cavitogram														0
Foreinbody Remove														0
FL/US Guided Biopsy														0
Liver											3			3
Pancreas														0
Spleen														0
Kidney											1			1
Abdomen														0
Neck														0
Chest(Lung)														0
Prostate														0
Other Organ														0
FL/US Guided Aspiration														0
Liver	1	1		1			1	1						5
Pancreas														0
Spleen														0
Kidney														0
Abdomen				1		1			1		1			4
Neck														0
Chest(Lung)				1								1		2
Prostate														0
Other Organ	1						2		1					4

부위별	월별	2021년										2022년		계		
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
Central venous catheter																0
Intra cathetrization for hemodialysis																0
1) Tunnel or subcutaneous implantation method-Sono Guide (터널식 또는 피하매몰 정맥 포트법)																0
Opti flow set (Hemo star, Hemo split))		8	8	5	10	6	7	7	9	8	5	6	12			91
2) Chemoport-Sono Guide(동맥 포트법)																0
Chemoport set																0
3) Non tunnel-Sono Guide(비터널식 카테타 삽입술)																0
HD catheter (Mahurkar))			1	1	4	9	1	2	2	1	1	2	2			26
Tunnel Catheter Remove			3	3	1	1	5	4	2		2	3	6			30
Placement of centralvenous catheter insertion (중심 정맥내 카세타 삽입술)																0
1) Tunnel or subcutaneous implantation method-Sono Guide (터널식 또는 피하매몰 정맥 포트법)																0
Opti flow set																0
2) Chemoport insertion-Sono Guide(동맥 포트법)																0
Health port venous catheter																0
Health port introducer																0
3) Non-tunnel-Sono Guide(비터널식 카테타 삽입술)																0
Health port venous catheter																0
Health port introducer																0
Hickman catheter insertion		3	3	4	4	6	4	4	3	2	3	2	6			44
Infusion catheter insertion		8	3	9	9	1	8	7	7	5	4	4	5			70
PICC insertion		92	85	93	103	97	98	100	79	57	90	88	80			1,062
Non-Tunnel Catheter Remove						1										1
Graft-stent																0
Aortic graft-stent																0
Abdominal (Aortic and Iliac) Stent-Graft																0
Other organ (Extremity) graft-stent																0
Thoracic Stent-Graft																0
U/S		358	312	300	312	287	226	280	253	216	293	316	273			3,426
총 계		1,064	965	958	946	810	675	779	744	615	902	945	799			10,202

6) 골밀도 검사 현황

과별	월별	2021년										2022년		계		
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
내과(MED)		316	381	346	414	373	397	336	292	338	359	369	297			4,218
소아청소년과(PED)		0	0	4	0	0	0	2	0	4	4	0	3			17
신경과(NEU)		4	8	4	2	8	8	6	10	6	0	4	6			66
외과(GSR)		324	358	272	270	246	245	226	284	296	354	296	300			3,471
정형외과(OSD)		216	280	219	235	311	236	277	222	270	294	216	203			2,979
신경외과(NSD)		41	26	33	35	27	32	10	10	18	18	18	22			290
산부인과(GYN)		128	88	87	90	108	112	70	106	129	114	66	64			1,162
비뇨기과(URO)		14	10	8	12	10	18	18	16	16	26	15	2			165
마취통증의학과(PCR)		12	16	14	24	14	14	22	22	17	27	10	10			202
재활의학과(REH)		6	6	12	26	16	16	12	14	6	12	12	12			150
가정의학과(FMD)		18	22	18	16	27	10	22	30	22	23	20	26			254
직업환경의학과(HCD)		152	178	126	152	138	138	136	170	202	268	78	84			1,822
기타		2	2	0	4	0	0	0	10	0	211	3	0			232
총 계		1,233	1,375	1,143	1,280	1,278	1,226	1,137	1,186	1,324	1,710	1,107	1,029			15,028

7) CT 검사 현황

과별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
흉부외과(CST)		122	122	104	130	113	94	109	104	127	131	96	107	1,359
치과(DEN)		0	0	2	1	0	0	0	0	0	0	0	0	3
피부과(DER)		0	4	0	0	0	0	0	0	1	0	0	0	5
응급의학과(EMD)		1,890	1,841	2,012	2,096	1,965	1,921	1,989	1,999	1,933	1,699	1,695	1,359	22,399
이비인후과(ENT)		231	188	188	251	201	208	194	239	243	243	214	211	2,611
안과(EYE)		11	8	12	13	11	7	14	7	7	7	4	5	106
가정의학과(FMD)		14	11	16	21	12	16	12	13	12	20	15	12	174
일반외과(GSR)		936	911	883	945	900	864	828	916	862	1,078	909	857	10,889
산부인과(GYN)		204	190	179	168	166	202	147	193	193	197	149	144	2,132
직업환경의학과(HCD)		31	52	38	69	67	53	58	44	63	81	23	31	610
종합검진센터(HJC)		1	833	545	593	541	571	523	472	534	581	443	441	6,078
내과(MED)		2,068	1,941	1,826	2,134	1,993	1,937	1,844	1,863	1,857	2,141	1,805	1,802	23,211
신경과(NEU)		211	213	192	267	253	192	218	293	270	216	189	173	2,687
신경정신과(NPD)		0	1	0	1	3	2	1	0	2	3	3	3	19
신경외과(NSD)		503	481	489	507	396	201	197	186	317	254	314	317	4,162
정형외과(OSD)		220	207	185	256	189	207	157	183	174	175	175	137	2,265
소아과(PED)		5	2	4	6	7	5	3	1	2	3	1	7	46
성형외과(PSR)		29	30	18	32	40	30	39	34	36	35	44	44	411
재활의학과(REH)		21	27	33	28	34	21	12	17	14	10	20	18	255
방사선종양학과(ROD)		0	0	3	1	4	3	2	1	4	1	4	2	25
소아외과(SPD)		0	0	0	0	0	0	0	0	0	0	0	0	0
비뇨기과(URO)		342	322	331	312	356	326	286	314	358	324	301	241	3,813
기타		9	16	7	10	13	11	15	20	19	25	10	2	157
총 계		6,848	7,400	7,067	7,841	7,264	6,871	6,648	6,899	7,028	7,224	6,414	5,913	83,417

8) MRI 검사 현황

과별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
내과(MED)		336	224	180	246	249	224	227	228	230	238	239	176	2,797
소아청소년과(PED)		58	45	30	56	56	49	30	37	45	28	36	30	500
신경과(NEU)		473	556	573	685	651	596	597	706	603	684	613	526	7,263
신경정신과(NPD)		12	7	8	9	39	8	9	10	14	13	12	8	149
외과(GSR)		125	76	90	93	92	83	72	88	74	90	96	95	1,074
흉부외과(CST)		2	5	8	6	6	5	0	2	2	4	10	4	54
성형외과(PSR)		1	2	3	1	6	0	3	2	1	2	3	4	28
정형외과(OSD)		326	207	186	198	232	227	193	198	223	223	161	161	2,535
신경외과(NSD)		508	599	622	641	591	504	400	426	579	563	482	447	6,362
산부인과(GYN)		36	30	34	26	25	32	21	24	35	33	28	18	342
안과(EYE)		17	7	5	4	10	4	5	11	10	11	4	5	93
이비인후과(ENT)		34	39	25	35	35	31	21	36	32	48	35	28	399
비뇨기과(URO)		36	21	23	25	27	37	25	34	35	44	36	26	369
치과(DEN)		0	0	0	0	0	0	0	0	0	0	0	0	0
방사선종양학과(ROD)		1	0	1	0	0	1	6	0	0	0	1	3	13
재활의학과(REH)		3	10	10	8	5	5	11	5	2	3	0	1	63
가정의학과(FMD)		0	0	0	0	1	0	0	0	0	0	0	0	1
응급의학과(EMD)		340	302	384	367	330	282	331	348	279	246	274	226	3,709
직업환경의학(HCD)		0	0	0	0	0	0	0	0	0	0	0	0	0
건강검진센터(HJC)		0	276	132	164	165	199	170	93	171	254	260	168	2,052
기타		14	10	17	14	12	11	9	11	12	14	8	8	140
총 계		2,322	2,416	2,331	2,578	2,532	2,298	2,130	2,259	2,347	2,498	2,298	1,934	27,943

9) 초음파 검사 현황

과별	2021년												계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
내과(MED)	690	706	614	612	666	736	430	490	547	582	492	533	7098
소아청소년과(PED)	204	296	212	241	202	225	252	164	181	205	249	251	2682
신경과(NEU)	21	17	17	18	20	19	16	20	24	20	11	11	214
신경정신과(NPD)		1	2	1	1	1	2					1	9
피부과(DER)		1	3	4		1	1	3	4	6	2		25
외과(GSR)	1221	1156	1019	1158	1082	1301	1091	909	947	1293	818	1031	13026
흉부외과(CST)	2	2	1	2	5	2	1	1	1		5	6	28
성형외과(PSR)	8		1	2	5	1	2	3		5	6	6	39
정형외과(OSD)	53	46	50	41	29	46	44	39	51	38	29	39	505
신경외과(NSD)	10	12	14	19	16	14	3	8	3		10	10	119
산부인과(GYN)	33	35	32	32	52	38	35	14	14	37	20	33	375
안과(EYE)	6		1		1	1			1	1	1	3	15
이비인후과(ENT)	40	65	102	143	104	126	80	121	102	130	91	115	1219
비뇨기과(URO)	29	28	25	21	29	25	28	27	32	31	26	16	317
치과(DEN)													0
방사선종양학과(ROD)													0
재활의학과(REH)	8	11	6	7	11	6	4	8	12	15	9	9	106
가정의학과(FMD)	12	12	14	16	14	9	6	7	12	13	5	9	129
응급의학과(EMD)	19	15	25	11	12	8	9	10	9	12	7	3	140
영상의학과(RAD)				2		2	3	7	10				24
건강관리과(HCD)	359	419	376	393	418	488	330	383	472	460	327	364	4789
기타	11	22	13	17	22	14	14	18	17	86	26	27	287
총 계	2,726	2,844	2,527	2,740	2,689	3,063	2,351	2,232	2,439	2,934	2,134	2,467	31,146

10) 종합건강검진센터 검사 현황

부위별	2021년												계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Chest	0	1,412	1,208	1,586	1,486	1,284	1,322	1,392	1,506	1,232	760	806	13,994
Hand	0	0	0	0	0	0	0	0	0	0	0	0	0
C-spine	0	0	0	0	0	0	0	0	0	0	0	0	0
L-spine	0	0	0	0	0	0	0	0	0	0	0	0	0
SONO	0	1,865	1,398	1,722	1,523	1,560	1,434	1,438	1,648	1,548	1,101	990	16,227
BMD	0	690	476	660	602	632	526	600	646	514	382	414	6,142
Mammo	0	1,036	674	912	846	948	772	876	858	878	624	662	9,086
총 계	0	5,003	3,756	4,880	4,457	4,424	4,054	4,306	4,658	4,172	2,867	2,872	45,449

11) 직업환경의학과 검사 현황

부위별	2021년												계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Chest	1,036	2,112	1,731	1,251	1,278	1,209	1,073	1,276	2,024	2,237	897	979	17,103
spine	0	0	0	0	0	0	0	0	0	0	0	0	0
총 계	1,036	2,112	1,731	1,251	1,278	1,209	1,073	1,276	2,024	2,237	897	979	17,103

2. 진단검사의학과 월별 및 종별 통계

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Total procedure		965,549	1,013,048	978,621	1,055,260	1,041,406	1,038,215	1,004,906	1,002,634	1,035,912	1,037,865	995,760	886,079	12,055,255
Total Patient		123,114	131,847	126,226	135,499	133,514	132,916	127,631	128,820	136,348	138,509	127,591	116,484	1,558,499
<진단혈액학검사실>														
Total procedure		392,892	401,778	391,219	422,064	419,445	422,372	409,857	408,243	418,537	418,119	399,398	352,975	4,856,899
Total patient		41,324	42,582	41,268	43,870	43,584	44,015	42,540	42,946	43,886	44,261	41,653	36,089	508,018
(혈액학)														
Total procedure		314,154	317,126	308,942	329,739	328,574	333,736	321,686	321,009	326,996	328,935	314,877	275,398	3,821,172
Total patient		34,528	35,319	34,278	35,972	35,833	36,453	35,051	35,578	36,231	36,799	34,523	29,508	420,073
(요체액)														
Total procedure		78,738	84,652	82,277	92,325	90,871	88,636	88,171	87,234	91,541	89,184	84,521	77,577	1,035,727
Total patient		6,796	7,263	6,990	7,898	7,751	7,562	7,489	7,368	7,655	7,462	7,130	6,581	87,945
<임상화학검사실>														
Total procedure		479,749	496,860	480,652	516,977	505,931	504,212	490,425	486,373	498,174	501,026	491,809	434,587	5,886,775
Total patient		51,873	53,757	51,466	55,488	54,473	53,856	51,945	52,383	53,035	55,003	51,355	45,780	630,414
(Biochemistry)														
Total procedure		405,220	421,997	408,970	438,039	436,175	438,088	423,772	422,712	436,084	429,545	417,442	372,224	5,050,268
(Emergency Lab)														
Total procedure		74,529	74,863	71,682	78,938	69,756	66,124	66,653	63,661	62,090	71,481	74,367	62,363	836,507
<진단면역검사실>														
Total procedure		39,093	52,424	48,352	53,227	52,402	49,050	46,414	49,724	52,927	53,064	45,013	42,043	583,733
Total patient		51,873	53,757	51,466	55,488	54,473	53,856	51,945	52,383	53,035	55,003	51,355	45,780	630,414
<POCT>														
Total procedure		16,208	16,417	14,329	16,153	15,876	16,784	15,353	15,151	15,565	16,714	16,914	13,391	188,855
Total patient		4,098	4,164	3,651	4,099	4,029	4,237	3,896	3,835	3,955	4,249	4,271	3,378	47,862
(MICU) Total procedure		5,918	5,810	5,137	4,781	5,479	6,342	5,571	5,455	5,563	5,158	5,325	3,975	64,514
(ER) Total procedure		4,457	3,827	4,170	4,256	4,078	4,083	3,879	4,399	4,098	3,819	4,283	3,788	49,137
(SICU) Total procedure		3,245	3,358	2,422	4,083	3,513	3,372	2,800	2,619	2,965	4,597	4,217	2,736	39,927
(OR) Total procedure		1,460	2,002	1,744	1,602	1,775	1,799	1,562	1,488	1,492	1,814	1,777	1,450	19,965
(NICU) Total procedure		1,128	1,420	856	1,431	1,031	1,188	1,541	1,160	1,163	1,128	1,273	1,420	14,739
(6A) Total procedure									30	284	198	39	22	573
<수혈의학검사실>														
Total procedure		20,836	22,698	21,970	22,109	22,907	23,181	21,433	22,120	22,722	23,619	22,011	19,487	265,093
Total patient		6,731	7,094	6,802	7,049	6,999	6,904	6,690	7,038	7,098	7,217	6,976	6,174	82,772
<유전분자검사실>														
Total procedure		4,147	6,103	7,180	7,213	7,919	7,741	6,549	5,978	8,214	9,241	6,905	10,227	87,417
Total patient		3,721	5,800	6,804	6,736	7,719	7,207	6,022	5,753	7,912	9,010	6,573	9,979	83,236
<임상미생물검사실>														
Total procedure		15,570	18,281	17,277	19,633	19,124	17,862	17,716	17,491	17,650	17,011	15,434	13,454	206,503
Total patient		10,135	11,585	11,115	12,439	10,956	11,140	11,231	11,264	11,398	11,228	9,583	8,317	130,391
(Microbiology)														
Total procedure		14,969	15,496	14,883	16,746	16,440	15,323	15,214	15,018	14,597	14,247	13,877	11,894	178,704
Total patient		9,541	10,343	10,005	11,200	9,799	10,082	10,123	10,088	9,965	9,874	8,927	7,687	117,634
(Parasitology)														
Total procedure		601	2,785	2,394	2,887	2,684	2,539	2,502	2,473	3,053	2,764	1,557	1,560	27,799
Total patient		594	1,242	1,110	1,239	1,157	1,058	1,108	1,176	1,433	1,354	656	630	12,757

검사별 월별	2020년										2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
<생리기능검사>													
Total procedure	10,160	10,098	8,935	10,942	10,492	10,841	9,698	9,807	11,159	10,864	9,718	8,147	120,861
Total patient	6,698	6,847	6,211	7,340	7,062	7,327	6,793	6,993	7,840	7,732	6,919	5,888	83,650
<외부수탁검사>													
Total procedure	3,102	4,806	3,036	3,095	3,186	2,956	2,814	2,898	6,529	4,921	5,472	5,159	47,974
Total patient	2,632	4,182	2,560	2,577	2,721	2,467	2,410	2,443	5,179	4,058	4,532	4,257	40,018
-SCL-													
Total procedure	1,608	1,746	1,453	1,692	1,839	1,747	1,503	1,602	1,712	1,867	1,781	1,580	20,130
Total patient	1,284	1,409	1,141	1,323	1,466	1,362	1,206	1,268	1,298	1,543	1,452	1,324	16,076
-녹십자-													
Total procedure	570	606	600	642	618	546	541	572	671	631	618	530	7,145
Total patient	472	497	474	525	523	455	450	503	538	561	546	461	6,005
-부산백병원-													
Total procedure	253	356	327	337	365	324	305	213	295	300	189	149	3,413
Total patient	251	297	320	315	401	314	293	209	284	293	182	151	3,310
-씨젠의료재단-													
Total procedure	671	2,098	656	424	364	339	465	511	3,851	2,123	2,884	2,900	17,286
Total patient	625	1,979	625	414	331	336	461	463	3,059	1,661	2,352	2,321	14,627
<종검>													
Total procedure	87	65,574	56,807	73,808	69,223	60,117	62,152	65,276	69,783	55,169	34,801	36,263	649,060
Total patient	7	6,056	5,139	6,611	6,158	5,369	5,597	5,877	6,245	5,008	3,382	3,413	58,862
<신검>													
Total procedure	16,047	31,106	24,133	18,848	18,338	16,984	15,169	28,353	24,653	28,118	10,841	10,859	243,449
Total patient	4,349	7,857	6,603	4,813	5,030	4,843	4,192	5,202	6,842	7,533	3,195	3,182	63,641

월별 검사별	2020년												2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
<진단혈액학검사실>															
Total procedure	392,892	401,778	391,219	422,064	419,445	422,372	409,857	408,243	418,537	418,119	399,398	352,975	4,856,899		
Total patient	41,324	42,582	41,268	43,870	43,584	44,015	42,540	42,946	43,886	44,261	41,653	36,089	508,018		
(혈액학)															
Total Procedure	314,154	317,126	308,942	329,739	328,574	333,736	321,686	321,009	326,996	328,935	314,877	275,398	3,821,172		
Total Patient	34,528	35,319	34,278	35,972	35,833	36,453	35,051	35,578	36,231	36,799	34,523	29,508	420,073		
(Routine)															
WBC	24,024	24,245	23,402	25,076	25,074	25,330	24,393	24,360	24,883	24,994	24,122	21,212	291,115		
RBC	24,021	24,235	23,391	25,073	25,073	25,330	24,392	24,357	24,880	24,992	24,118	21,198	291,060		
Hgb	24,753	25,899	24,693	25,955	25,967	26,136	25,140	25,292	26,206	26,464	24,556	21,570	302,631		
Hct	24,037	24,191	23,361	25,077	25,080	25,333	24,396	24,363	24,886	25,047	24,160	21,224	291,155		
MCV	23,900	24,053	23,245	24,959	24,942	25,213	24,280	24,245	24,753	24,862	24,006	21,093	289,551		
MCH	23,900	24,053	23,245	24,959	24,942	25,213	24,280	24,245	24,753	24,862	24,006	21,093	289,551		
MCHC	23,899	24,053	23,245	24,959	24,942	25,213	24,280	24,245	24,753	24,862	24,006	21,093	289,550		
RDW-CV	23,900	24,053	23,245	24,959	24,942	25,213	24,280	24,245	24,752	24,862	24,006	21,093	289,550		
PLT	24,016	24,177	23,361	25,071	25,071	25,327	24,390	24,353	24,878	24,982	24,118	21,212	290,956		
PDW	23,900	24,053	23,245	24,959	24,942	25,213	24,280	24,245	24,753	24,862	24,006	21,093	289,551		
MPV	23,900	24,053	23,245	24,958	24,942	25,213	24,280	24,245	24,753	24,862	24,006	21,093	289,550		
Ret-He	1,251	1,209	1,332	1,388	1,485	1,614	1,507	1,296	1,421	1,331	1,123	996	15,953		
Reticulocyte	1,810	1,713	1,845	1,920	2,006	2,154	2,000	1,786	1,956	1,862	1,603	1,468	22,123		
IRF	1,140	1,049	1,199	1,234	1,326	1,464	1,350	1,162	1,291	1,220	1,020	899	14,354		
IPF	151	181	166	184	185	184	185	168	160	140	132	126	1,962		
HPC	20	31	9	38	8	9	9	8	14	4	4	6	160		
Total Eosin	28	31	37	70	55	64	57	45	45	58	63	35	588		
ESR	2,456	2,454	2,533	2,408	2,354	2,504	2,209	2,093	2,296	2,385	2,173	1,853	27,718		
PB Smear Consult	151	181	166	184	185	184	185	168	160	140	132	126	1,962		
Blood Cell Morphology	165	197	182	199	199	199	195	185	171	153	143	138	2,126		
Differential Count	21,175	21,538	21,106	22,385	22,501	23,036	22,278	22,093	22,519	22,499	21,799	19,211	262,140		
Nasal smear Eosinophil	0	0	0	0	0	0	0	0	0	0	0	0	0		
Protozoa(Malaria)	1	1	1	0	2	1	2	0	0	0	0	0	8		
(Special)															
BT	72	79	76	85	89	81	89	82	83	87	95	93	1,011		
CT	25	35	34	38	29	39	31	32	36	34	31	37	401		
PT	7,498	7,241	7,603	8,045	7,956	7,791	7,805	7,872	7,829	7,971	7,769	6,347	91,727		
aPTT	7,074	6,843	6,869	7,126	7,122	7,619	7,253	7,492	7,124	7,382	6,982	5,688	84,574		
FDP	2,169	2,243	2,558	2,789	2,409	2,768	2,867	2,831	2,470	2,428	2,085	1,719	29,336		
D-dimer	2,475	2,537	2,930	3,032	2,724	3,147	3,221	3,154	2,824	2,768	2,474	2,011	33,297		
LE Cell	0	0	0	0	0	0	0	846	0	0	0	0	846		
Fibrinogen	722	912	950	956	660	744	760	0	844	1,084	773	586	8,991		
AntiThrombin III	783	968	992	983	698	762	761	855	882	1,088	776	583	10,131		
Factor VIII	47	35	43	48	41	46	33	54	46	44	49	36	522		
Plasma mixing test	1	0	0	0	0	0	0	0	0	0	0	0	1		
Aspirin assay	72	23	21	25	9	10	5	16	26	33	17	15	272		
P2Y 12 assay	72	56	45	58	39	10	8	23	30	43	18	12	414		
BF. Occult blood	0	0	0	0	0	0	0	0	0	0	0	0	0		
Apt test	4	9	7	7	6	9	8	5	9	2	7	2	75		
편광현미경검사	28	23	29	22	21	19	14	13	14	10	14	6	213		
Osmotic Fragility test	0	0	1	0	0	1	1	1	0	0	0	0	4		
Ham's Test	0	0	0	0	0	0	0	0	0	0	0	0	0		
Auto Hemolysis Test	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sucrose Hemolysis Test	0	0	0	0	0	0	0	0	0	0	0	0	0		
Lupus anticoagulant (screening)	85	89	88	110	107	107	74	99	92	79	93	62	1,085		
Lupus anticoagulant (confirm)	0	0	0	0	0	0	0	0	0	0	0	0	0		
Protein C activity	69	64	62	73	62	73	54	81	70	62	68	41	779		
Platelet function test(C/Epi)	179	153	178	162	182	205	177	175	177	210	206	184	2,188		
Platelet function test(C/ADP)	8	13	14	14	9	18	16	14	19	29	16	14	184		
(Bone marrow)															
Bone marrow examination	41	36	46	34	45	32	34	41	33	34	24	30	430		
Bone marrow Aspiration	41	36	46	34	45	32	34	41	33	34	24	30	430		
Bone marrow Section Finding	41	36	46	34	45	32	34	41	33	34	24	30	430		
Iron stain	38	35	46	33	45	30	33	40	33	32	24	30	419		
Peroxidase stain	6	5	2	8	4	7	3	1	3	2	3	5	49		

일별 검사별	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
PAS stain	6	5	2	8	4	7	3	1	3	2	3	5	49	
LAP stain	0	0	0	0	0	0	0	0	0	0	0	0	0	
Esterase (non-specific) stain	0	0	0	0	0	0	0	0	0	0	0	0	0	
Esterase (specific) stain	0	0	0	0	0	0	0	0	0	0	0	0	0	
QC	2,606	2,551	2,493	2,550	2,609	2,607	2,434	2,568	2,551	2,643	2,530	2,282	30,424	
(요체액실)														
Total procedure	78,738	84,652	82,277	92,325	90,871	88,636	88,171	87,234	91,541	89,184	84,521	77,577	1,035,727	
Total Patient	6,796	7,263	6,990	7,898	7,751	7,562	7,489	7,368	7,655	7,462	7,130	6,581	87,945	
(Routine Urinarysis)														
color	5,806	6,249	6,104	6,815	6,739	6,600	6,586	6,471	6,827	6,638	6,258	5,759	76,852	
Transparncy	5,806	6,249	6,104	6,815	6,739	6,600	6,586	6,471	6,827	6,638	6,258	5,759	76,852	
Glucose	5,806	6,249	6,104	6,815	6,739	6,600	6,586	6,471	6,827	6,638	6,258	5,759	76,852	
Bilirubin	5,806	6,249	6,104	6,815	6,739	6,600	6,586	6,471	6,827	6,638	6,258	5,759	76,852	
Ketone body	5,806	6,249	6,104	6,815	6,739	6,600	6,586	6,471	6,827	6,638	6,258	5,759	76,852	
S.G	5,806	6,249	6,104	6,815	6,739	6,600	6,586	6,471	6,827	6,638	6,258	5,759	76,852	
Occult Blood	5,806	6,249	6,104	6,815	6,739	6,600	6,586	6,471	6,827	6,638	6,258	5,759	76,852	
pH	5,806	6,249	6,104	6,815	6,739	6,600	6,586	6,471	6,827	6,638	6,258	5,759	76,852	
Protein	5,806	6,249	6,104	6,815	6,739	6,600	6,586	6,471	6,827	6,638	6,258	5,759	76,852	
Urobilinogen	5,806	6,249	6,104	6,815	6,739	6,600	6,586	6,471	6,827	6,638	6,258	5,759	76,852	
Nitrite	5,806	6,249	6,104	6,815	6,739	6,600	6,586	6,471	6,827	6,638	6,258	5,759	76,852	
Leukocyte	5,806	6,249	6,104	6,815	6,739	6,600	6,586	6,471	6,827	6,638	6,258	5,759	76,852	
Microscopic exam.(Flowcytometry)	3,321	3,918	3,632	4,189	4,159	3,862	3,612	3,567	4,266	4,212	3,836	3,657	46,231	
Microscopic exam.	2,087	1,937	2,117	2,626	2,098	2,219	2,436	2,428	2,056	1,932	1,984	1,718	25,638	
Dysmorphic RBC	343	317	329	331	336	346	305	276	421	391	357	332	4,084	
U.Pregnancy test(Gravindex)	123	95	110	100	116	125	136	89	89	103	90	79	1,255	
U.Myoglobin	7	3	4	5	5	4	5	3	7	3	4	1	51	
U.Hemoglobin	3	2	1	4	3	2	0	0	3	7	3	2	30	
U.Hemosiderin	5	4	3	5	4	4	0	0	3	3	4	1	36	
Drug test(Methamphetamine)	29	24	16	12	18	13	11	18	14	69	56	26	306	
Cannabinoids(marijuana)	1	0	3	3	4	5	3	2	2	2	9	0	34	
Cocaine	1	0	3	3	4	5	3	2	2	2	9	0	34	
Morphine	1	0	3	3	4	5	3	2	2	2	9	0	34	
S.Osmolality	179	189	158	234	185	180	180	158	143	103	129	168	2,006	
U.Osmolality	233	251	225	294	252	251	233	204	196	149	177	188	2,653	
Pneumoniae Ag	63	82	78	92	73	60	61	76	81	77	71	70	884	
(Body Fluid)														
Color	292	311	259	289	300	256	236	303	256	271	295	244	3,312	
Appearance	292	311	259	289	300	256	236	303	256	271	295	244	3,312	
S.G.	292	311	259	289	300	256	236	303	256	271	295	244	3,312	
PH	292	311	259	289	300	256	236	303	256	271	295	244	3,312	
Clot formation	292	311	259	289	300	256	236	303	256	271	295	244	3,312	
R.B.C	292	311	259	289	300	256	236	303	256	271	295	244	3,312	
W.B.C.	292	311	259	289	300	256	236	303	256	271	295	244	3,312	
Diff count	292	311	259	289	300	256	236	303	256	271	295	244	3,312	
RBC morphology	292	311	259	289	300	256	236	303	256	271	295	244	3,312	
Body Fluid Cytospin	6	10	3	10	6	3	4	3	4	6	2	6	63	
Semen analysis	3	5	2	1	5	9	3	2	5	6	5	2	48	
Induced sputum cytospin	15	7	7	12	11	23	11	10	11	6	14	9	136	
기관지세척액(BAL)세포검사	18	21	4	20	20	16	9	15	8	16	11	14	172	
QC	2,772	2,682	2,806	2,682	2,795	2,794	2,706	2,795	2,794	2,794	2,794	2,524	32,938	
<임상화학검사실>														
Total procedure	479,749	496,860	480,652	516,977	505,931	504,212	490,425	486,373	498,174	501,026	491,809	434,587	5,886,775	
Total patient	51,873	53,757	51,466	55,488	54,473	53,856	51,945	52,383	53,035	55,003	51,355	45,780	630,414	
(BIOCHEMISTRY)														
Total procedure	405,220	421,997	408,970	438,039	436,175	438,088	423,772	422,712	436,084	429,545	417,442	372,224	5,050,268	
Total protein	20,574	20,765	20,167	21,558	21,594	21,944	20,970	20,872	21,367	20,975	20,826	18,308	249,920	
Albumin	21,002	21,347	20,888	22,169	22,082	22,266	21,396	21,376	21,814	21,469	21,243	18,767	255,819	
Total Bilirubin	20,634	20,900	20,588	21,926	21,966	22,136	21,220	21,170	21,653	21,356	21,106	18,691	253,346	
Direct Bilirubin	3,732	4,240	4,057	4,680	4,810	4,659	4,531	4,526	4,524	4,457	4,189	3,572	51,977	
AST	22,359	23,520	22,718	23,745	23,767	23,791	22,844	22,893	23,815	23,644	22,396	19,844	275,336	

검사별	2020년												계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
ALT	22,358	23,518	22,719	23,746	23,768	23,795	22,849	22,893	23,814	23,644	22,396	19,844	275,344
ALP	20,536	20,784	20,342	21,812	21,993	22,185	21,232	21,168	21,642	21,318	21,044	18,550	252,606
r-GTP	9,130	10,361	9,840	10,132	10,426	10,603	10,057	10,195	10,304	10,376	9,573	8,388	119,385
LDH	7,885	8,169	7,965	9,124	8,880	9,378	9,007	8,618	8,499	8,166	7,834	7,066	100,591
CPK	6,366	6,576	6,543	7,360	7,399	7,898	7,225	6,988	7,040	6,685	6,752	5,902	82,734
Glucose	18,504	19,612	19,277	20,107	20,016	19,687	19,179	19,495	20,344	20,188	18,595	16,791	231,795
HbA1c	3,640	3,490	3,196	3,615	3,543	3,378	3,536	3,556	4,495	3,175	3,192	3,045	41,861
CRP	15,458	16,059	15,686	16,686	16,447	16,646	16,293	16,179	16,207	15,670	15,888	13,834	191,053
Triglyceride	4,788	6,268	5,619	5,811	5,578	5,347	5,182	5,482	6,255	6,495	5,604	5,269	67,698
Total Cholesterol	11,250	12,537	11,753	12,196	11,973	11,771	11,174	11,765	12,833	13,169	12,298	11,142	143,861
HDL Cholesterol	4,630	6,050	5,412	5,637	5,369	5,088	4,980	5,338	6,048	6,365	5,416	5,073	65,406
LDL Cholesterol	4,171	5,276	4,821	5,168	4,946	4,812	4,600	4,947	5,613	5,549	5,244	4,925	60,072
Uric acid	6,604	7,160	7,166	7,843	7,988	8,134	8,082	8,255	8,544	8,092	8,076	7,404	93,348
BUN	21,424	21,589	20,963	22,448	22,514	22,619	21,836	21,708	22,297	22,121	21,789	19,166	260,474
Creatinine	23,007	24,253	23,246	24,185	24,412	24,334	23,376	23,469	24,604	24,261	23,055	20,428	282,630
Ca	18,060	18,358	17,926	19,331	19,183	19,522	19,097	18,686	18,969	18,781	18,801	16,633	223,347
IP	17,168	17,417	16,833	18,134	18,034	18,353	17,994	17,706	17,899	17,598	17,683	15,740	210,559
Mg	16,761	17,035	16,480	18,018	18,010	18,278	17,929	17,580	17,826	17,602	17,669	15,615	208,803
Amylase	6,621	7,178	7,135	7,779	7,524	7,526	7,588	7,466	7,163	6,976	6,697	5,938	85,591
Lipase	6,416	6,262	6,366	6,784	6,579	6,661	6,759	6,583	6,202	6,155	6,166	5,404	76,337
Transferrin Saturation	314	235	242	309	249	262	337	246	252	334	182	195	3,157
Fe	954	1,042	1,038	1,238	1,121	1,066	1,135	1,068	1,059	1,043	756	783	12,303
TIBC	857	764	733	879	797	809	833	727	800	890	652	647	9,388
Na	19,565	19,733	19,104	20,868	20,826	20,715	20,186	19,920	20,321	19,955	19,949	17,638	238,780
K	19,566	19,733	19,103	20,868	20,825	20,715	20,186	19,915	20,321	19,954	19,949	17,638	238,773
Cl	19,565	19,733	19,102	20,867	20,826	20,715	20,186	19,914	20,321	19,954	19,949	17,638	238,770
PP2hr	29	28	19	17	15	15	17	14	9	9	13	10	195
OGTT 50g(60분)	14	14	4	22	12	11	7	11	10	14	16	19	154
OGTT 75g FBS	6	10	4	7	6	7	5	8	3	10	6	7	79
OGTT 75g 30분	0	3	1	2	1	2	1	5	1	1	1	0	18
OGTT 75g 60분	6	7	3	5	5	5	4	3	2	9	5	7	61
OGTT 75g 120분	6	10	4	7	6	7	5	8	3	10	6	7	79
OGTT 100g FBS	3	4	3	2	3	1	2	3	4	1	1	5	32
OGTT 100g 60분	3	4	3	2	3	1	2	3	4	1	1	5	32
OGTT 100g 120분	3	4	3	2	3	1	2	3	4	1	1	5	32
OGTT 100g 180분	3	4	3	2	3	1	2	3	4	1	1	5	32
U.Protein	816	703	747	814	803	780	699	654	738	724	627	623	8,728
UA.Albumin	7	16	23	16	7	17	17	17	13	10	7	11	161
U.Creatinine	1,145	1,036	1,045	1,210	1,196	1,238	1,151	1,036	1,206	1,288	1,314	1,344	14,209
U.Microalbumin	452	435	418	508	484	542	535	483	588	671	790	831	6,737
U.Ca	29	17	19	10	28	29	23	16	23	20	19	12	245
U.IP	10	4	3	3	5	3	9	5	8	4	5	3	62
U.Mg	8	1	0	0	0	0	3	1	0	0	1	2	16
U.Uric acid	58	44	37	36	27	40	39	37	34	17	22	26	417
U.urea nitogen	64	28	38	55	50	43	28	25	23	9	9	15	387
U.Amylase	0	0	0	0	0	0	0	0	0	0	1	0	1
U.Lipase	0	0	0	0	0	0	0	0	1	0	1	0	2
U.Na	589	543	524	568	541	530	499	462	492	479	422	435	6,084
U.K	589	543	524	568	541	530	499	462	492	479	422	435	6,084
U.Cl	589	543	524	568	541	530	499	462	492	479	422	435	6,084
C.C.R	8	11	10	9	16	17	14	9	11	15	15	8	143
24hr U.Protein	7	8	9	5	13	16	9	12	6	3	10	11	109
24hr U.Creatinine	16	26	18	18	30	33	20	21	21	22	28	24	277
Creatinine eGFR	2,946	3,528	3,508	3,717	3,750	3,945	3,705	3,722	4,427	4,303	4,359	4,235	46,145
24hr U.Ca	1	3	4	0	2	5	1	0	3	4	2	3	28
24hr U.IP	0	0	0	0	0	0	0	0	1	0	0	0	1
24hr U.Mg	1	0	0	0	0	0	0	0	0	0	0	0	1
24hr U.uric acid	2	2	0	1	2	0	1	2	1	2	3	5	21
24hr U.urea nitrogen	2	5	6	3	5	6	3	4	5	0	3	3	45
24hr U. Microalbumin	0	0	0	1	0	1	0	1	1	0	0	0	4
24hr U.Amylase	0	0	0	0	0	0	0	0	0	0	0	0	0

월별 검사별	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
24hr U.Lipase	0	0	0	0	0	0	0	0	0	0	0	0	0	
24hr U.Na	3	3	2	2	4	2	3	3	2	5	5	6	40	
24hr U.K	3	3	2	2	4	2	3	3	2	5	5	6	40	
24hr U.Cl	3	3	2	2	4	2	3	3	2	5	5	6	40	
BF.M.Protein	218	201	202	222	184	197	176	183	188	212	197	163	2,343	
BF.Glucose	231	235	232	253	220	201	200	247	202	191	190	156	2,558	
BF.LDH	226	214	197	223	186	165	172	216	164	177	174	145	2,259	
BF.Amylase	243	224	307	260	258	300	167	243	180	234	189	183	2,788	
BF.Lipase	56	43	148	92	94	166	23	61	38	91	39	57	908	
BF.CL	182	173	149	156	154	121	130	170	125	136	145	123	1,764	
ADA	268	271	259	279	260	254	241	291	243	220	224	202	3,012	
BF.Albumin	14	1	8	11	2	16	6	7	10	14	11	5	105	
BF.Creatinine	7	25	35	36	34	34	22	33	47	11	17	11	312	
BF.BUN	7	25	32	36	34	34	21	33	46	11	17	11	307	
BF.Triglyceride	119	128	110	108	125	95	106	150	104	75	88	83	1,291	
BF.Cholesterol	63	62	52	54	57	51	50	64	45	46	58	56	658	
Cystatin C	1,122	1,041	1,034	1,129	1,121	1,138	1,089	992	1,151	1,162	1,043	1,056	13,078	
S.Cystatin C(eGFR 계산용)	624	561	575	625	617	674	646	614	786	824	716	783	8,045	
RA	520	1,236	1,092	1,348	1,274	1,187	1,114	1,203	1,274	1,123	817	763	12,951	
진단 임상화학 QC ER LAB.	9,249	8,306	7,951	8,673	8,856	8,825	8,245	8,582	8,619	8,647	7,676	7,867	101,496	
Total procedure	74,529	74,863	71,682	78,938	69,756	66,124	66,653	63,661	62,090	71,481	74,367	62,363	836,507	
(Blood Gas Analysis)														
Hemoglobin	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
Hematocrit	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
pH	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
PCO ₂	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
PO ₂	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
Ca(Ionized)	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
Base Excess(ECF)	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
Base Excess(Blood)	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
Standard Bicarbonate	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
Actual Bicarbonate	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
O ₂ saturation	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
O ₂ content	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
n Ca (normalized)	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
Na	3,344	3,326	3,184	3,543	3,032	2,788	2,822	2,674	2,640	3,119	3,307	2,710	36,489	
K	3,344	3,326	3,184	3,543	3,032	2,788	2,822	2,674	2,640	3,119	3,307	2,710	36,489	
Cl	3,344	3,326	3,184	3,543	3,032	2,788	2,822	2,674	2,640	3,119	3,307	2,710	36,489	
Total CO ₂	3,472	3,483	3,303	3,651	3,148	2,917	2,953	2,780	2,740	3,240	3,419	2,847	37,953	
Ca(Ionized)	285	286	297	294	278	274	263	244	286	339	276	282	3,404	
Mg(Ionized)	93	89	93	88	92	92	89	92	93	90	93	87	1,091	
Lactic acid	3,209	3,279	3,121	3,402	2,933	2,750	2,779	2,619	2,595	2,975	3,225	2,665	35,552	
Met-Hb	96	93	101	91	96	94	95	96	90	93	96	90	1,131	
Carboxy Hb	98	93	103	96	99	95	93	101	96	91	100	87	1,152	
CK-MB	2,977	3,087	3,121	3,382	3,184	3,437	3,589	3,608	3,111	3,041	2,830	2,540	37,907	
TNI	2,973	3,077	3,113	3,379	3,194	3,443	3,569	3,620	3,127	3,034	2,801	2,516	37,846	
Myoglobin	143	127	131	141	131	115	125	123	106	117	150	91	1,500	
Pro-BNP	871	890	844	996	916	896	891	909	958	965	902	828	10,866	
Ethanol test	214	193	218	204	193	201	206	227	185	173	169	132	2,315	
FK506(Tacrolimus)	283	227	266	370	541	495	348	387	395	389	419	335	4,455	
Ammonia	479	493	648	537	559	586	583	660	653	615	635	556	7,004	
Procalcitonin	913	967	1,032	1,149	1,194	1,091	1,060	1,094	1,039	1,068	1,134	944	12,685	
TSB (Capillary)	1	21	11	11	2	2	3	13	4	1	26	22	117	
Total CO ₂ content	2,017	1,967	1,548	1,764	1,805	1,951	1,826	1,732	1,863	2,113	2,136	1,924	22,646	
Ketone 정성	281	251	309	254	278	303	308	294	271	214	257	214	3,234	
Cyclosporine	103	71	93	104	116	120	112	90	118	142	126	118	1,313	
Influenza A,B viral Ag(현장)	56	33	42	20	19	14	20	40	40	47	21	18	370	
Valproic acid	81	77	84	99	68	73	67	61	82	76	87	70	925	
Vancomycin	247	260	208	346	289	314	292	239	240	284	299	200	3,218	

검사별	2020년												2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
Interleukin 6(IL-6)	247	257	251	259	305	309	325	302	280	595	505	408	4,043		
presepsin	196	249	231	183	268	242	181	156	147	246	242	214	2,555		
soluble ST2	26	36	23	26	28	25	21	12	31	56	51	34	369		
ER LAB. QC	1,705	1,722	1,886	1,712	1,870	1,897	1,830	1,866	1,876	1,833	1,896	1,734	21,827		
<진단면역검사실>															
Total procedure	39,093	52,424	48,352	53,227	52,402	49,050	46,414	49,724	52,927	53,064	45,013	42,043	583,733		
Total patient	51,873	53,757	51,466	55,488	54,473	53,856	51,945	52,383	53,035	55,003	51,355	45,780	630,414		
(면역혈청)															
Total procedure	16,887	23,584	21,762	24,433	24,011	21,973	21,602	23,107	24,734	24,387	21,281	19,859	267,620		
Fructosamine	35	43	30	40	36	42	41	42	29	52	43	38	471		
Glycated albumin	51	52	27	21.05.20~ 외부의뢰(SCL)로 변경									130		
ASO	75	83	66	76	83	80	66	72	75	67	53	47	843		
Haptoglobin	69	70	62	62	72	79	65	60	67	63	46	41	756		
Ig G	225	195	193	207	228	228	218	233	237	288	238	214	2,704		
Ig A	102	102	84	112	106	107	95	96	100	99	75	77	1,155		
Ig M	104	104	84	114	106	107	100	97	101	103	80	76	1,176		
Ig E	196	193	182	219	205	243	208	175	198	212	206	160	2,397		
C3	187	213	187	206	202	230	184	198	185	197	197	179	2,365		
C4	171	208	177	204	203	222	179	188	180	191	192	175	2,290		
Widal test	0	5	0	7	0	4	4	2	0	2	0	2	26		
APO A1	191	421	391	414	401	340	425	492	556	642	952	925	6,150		
APO B	151	396	357	378	373	305	402	455	530	618	918	907	5,790		
LP(a)	145	389	351	370	368	301	391	448	526	609	897	878	5,673		
Homocysteine Total	196	428	512	517	487	389	418	494	436	340	222	196	4,635		
Syphilis reagin test	1,997	2,577	2,427	2,645	2,644	2,426	2,387	2,487	2,695	2,756	2,250	2,163	29,454		
VDRL 정량	128	117	107	126	115	127	106	115	117	127	117	89	1,391		
TPHA	6	13	14	3	5	1	5	11	4	26	25	26	139		
TPHA 정량	2	5	4	0	1	0	1	0	2	33	21	20	89		
HAV IgG	132	823	712	926	849	746	744	792	840	729	511	510	8,314		
HAV IgM	234	155	134	196	177	179	147	132	134	109	136	115	1,848		
HbC Ab IgG	178	183	162	181	186	142	145	168	179	166	171	144	2,005		
HbC Ab IgM	64	70	76	75	87	71	73	80	74	70	71	68	879		
HBe Ag	262	255	234	238	331	292	222	281	263	250	281	200	3,109		
HBe Ab	262	252	234	237	330	290	221	277	260	244	280	198	3,085		
HBs Ag	2,728	3,327	3,049	3,448	3,346	3,015	2,970	3,134	3,430	3,430	2,828	2,598	37,303		
HBs Ab	2,501	3,054	2,767	3,240	3,042	2,776	2,746	2,894	3,146	3,213	2,574	2,328	34,281		
HCV Ab	2,391	2,986	2,762	3,178	2,968	2,698	2,699	2,822	3,136	3,047	2,441	2,290	33,418		
HIV Ab	2,198	2,752	2,585	2,796	2,782	2,538	2,553	2,628	2,882	2,739	2,289	2,218	30,960		
IGRA(결핵균특이항원자극INF)	14	23	18	20	21	40	12	10	20	28	11	12	229		
Quantiferon-TB	164	316	332	103	99	180	69	147	168	170	161	101	2,010		
Insulin	133	845	723	923	860	779	758	814	871	763	500	494	8,463		
Transferrin	210	232	240	216	257	244	201	248	273	273	227	215	2,836		
Anti Cardiolipin Ab IgG	67	59	57	83	65	65	64	70	62	75	64	53	784		
Anti Cardiolipin Ab IgM	67	59	57	82	66	63	65	68	61	73	63	53	777		
Osteocalcin	86	134	152	194	169	190	169	181	191	145	86	94	1,791		
PIVKA	191	205	202	163	236	174	215	214	225	270	218	237	2,550		
NSE	69	172	196	238	224	199	268	258	242	127	77	92	2,162		
DHEA-sulfate	103	97	77	97	131	114	108	94	79	88	94	83	1,165		
HSV IgM(H.Simplex virus)	77	93	69	92	79	82	69	82	73	79	62	68	925		
Kappa free light chain (serum)	128	150	134	127	152	151	125	137	163	136	146	127	1,676		
Kappa / Lambda Ratio (serum)	107	132	116	111	134	132	107	118	145	118	130	109	1,459		
Kappa free light chain (urine)	3	0	1	1	3	1	2	2	5	2	2	0	22		
Kappa / Lambda Ratio (urine)	3	0	1	1	3	1	2	2	5	2	2	0	22		
Lambda free light chain (serum)	128	150	134	127	152	151	125	137	163	136	146	127	1,676		
Lambda free light chain (urine)	3	0	1	1	3	1	2	2	5	2	2	0	22		
Protein EP(Serum)	66	113	86	91	112	86	61	115	80	97	83	71	1,061		
Protein EP(24hr Urine)	12	16	19	8	11	9	5	13	8	10	13	4	128		
Inmmunoelectrophoresis(serum)	62	108	82	87	107	82	56	111	76	92	79	67	1,009		
Inmmunoelectrophoresis(urine)	12	16	19	8	11	9	5	13	8	10	13	4	128		
Mycoplasma pneumonia IgM	56	56	68	71	64	74	90	84	79	82	75	66	865		

검사별 일별	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
VZV IgG	82	65	71	70	72	82	50	66	60	90	60	57	825	
VZV IgM	63	58	48	72	49	58	42	58	54	68	37	43	650	
HbA1c (종검만 검사)	0	751	643	840	791	692	690	742	799	664	427	439	7,478	
Nicotine Metabolite	0	263	246	243	217	186	242	278	224	91	3	55	2,048	
KL-6	21.06.04~	본원 검사로 변경		149	190	150	185	170	213	232	216	223	1,728	
NK 세포활성 자극 인티페린감마 (종양표지자)	21.12.20~ 본원 검사로 변경									42	170	83	295	
Total procedure	6,924	12,421	11,086	11,541	11,133	10,296	9,842	10,730	11,456	11,286	8,614	8,527	123,856	
AFP	981	2,169	1,840	1,847	1,833	1,712	1,528	1,755	1,896	1,822	1,381	1,372	20,136	
CA 125	687	1,305	1,156	1,034	971	1,042	827	950	1,073	1,008	781	785	11,619	
CA 15-3	341	341	287	314	285	298	279	322	360	375	323	302	3,827	
CA 19-9	1,378	2,575	2,289	2,301	2,265	2,038	1,928	2,152	2,279	2,298	1,839	1,813	25,155	
CEA	1,733	2,892	2,586	2,599	2,525	2,327	2,220	2,482	2,591	2,653	2,133	2,112	28,853	
Cyfra 21-1	31	279	289	304	273	219	281	319	235	96	24	52	2,402	
Ferritin	755	1,363	1,251	1,574	1,495	1,380	1,400	1,364	1,447	1,418	996	1,003	15,446	
PSA	783	1,251	1,180	1,252	1,239	1,078	1,186	1,154	1,349	1,262	937	893	13,564	
ScC Ag	105	117	104	78	112	94	89	100	101	96	84	85	1,165	
β2 Microglobulin	29	32	22	125	29	22	27	26	21	146	19	21	519	
HE4	101	97	82	113	106	86	77	106	104	112	97	89	1,170	
(갑상선 검사)														
Total procedure	7,959	7,825	7,336	7,937	7,861	7,896	6,851	7,446	8,240	8,365	7,349	6,810	91,875	
T3	930	851	783	832	806	833	670	809	930	879	790	723	9,836	
T4	79	78	56	84	75	70	75	78	68	73	69	57	862	
TSH	2,713	2,712	2,557	2,785	2,758	2,771	2,528	2,664	2,917	2,967	2,553	2,380	32,305	
Free T ₄	2,582	2,587	2,431	2,663	2,654	2,622	2,347	2,499	2,742	2,801	2,397	2,211	30,536	
Thyroglobulin	516	476	444	431	428	447	318	403	439	443	431	436	5,212	
Anti-Tg	580	549	512	517	519	523	381	479	506	525	523	491	6,105	
Anti-TPO	263	295	273	303	300	308	225	240	287	313	289	240	3,336	
TSH Receptor Ab(TSI&TBI)	296	277	280	322	321	322	307	274	351	364	297	272	3,683	
(호르몬 검사)														
Total procedure	5,335	6,509	6,200	7,044	7,255	6,855	6,186	6,435	6,732	6,922	5,833	5,321	76,627	
Aldosterone	67	66	49	79	73	66	56	71	75	65	52	52	771	
β HCG	91	72	77	90	75	71	76	62	76	88	82	58	918	
Vitamin B12	370	356	393	434	473	395	335	423	441	562	444	443	5,069	
Folic acid	365	356	387	431	464	396	328	418	438	558	435	429	5,005	
PTH-Intact	576	569	574	525	555	547	540	499	595	638	497	554	6,669	
ACTH	421	437	362	411	396	405	346	346	332	362	344	295	4,457	
Cortisol	489	514	423	478	487	497	406	429	420	420	394	329	5,286	
Estradiol(E ₂)	536	576	520	606	615	595	578	614	578	592	551	458	6,819	
FSH	662	689	629	720	757	735	705	695	665	685	681	575	8,198	
LH(Luteinizing hormone)	464	458	427	481	543	529	466	414	382	435	494	373	5,466	
Prolactin	240	244	228	270	281	269	225	225	240	252	223	177	2,874	
Testosterone	298	641	696	751	782	618	708	674	792	707	544	500	7,711	
Calcitonin	41	37	30	34	25	34	29	35	31	42	40	32	410	
C-Peptide	140	165	115	203	250	265	182	172	154	161	120	115	2,042	
25-OH Vit.D total	352	1,096	1,058	1,283	1,212	1,153	1,035	1,145	1,302	1,186	791	817	12,430	
Growth Hormone	72	105	106	94	114	148	55	76	73	90	78	51	1,062	
C-telopeptide of collagen	151	128	126	154	153	132	116	137	138	79	63	63	1,440	
(TORCH 관련)														
Total procedure	308	357	385	403	367	354	364	354	288	323	265	321	4,089	
CMV IgG	31	41	57	68	58	45	40	52	34	42	27	37	532	
CMV IgM	73	90	91	116	91	85	84	80	66	76	62	75	989	
Rubella IgG	31	23	21	27	25	30	28	28	24	22	30	32	321	
Rubella IgM	51	54	40	47	38	46	59	43	41	41	42	48	550	
Toxoplasma IgM	46	59	53	49	43	49	54	43	42	45	43	52	578	
EBV profile EBV VCA IgM	28	32	41	36	38	35	33	37	27	33	21	27	388	
EBV profile EBV EBNA IgG	24	30	41	31	37	32	33	36	27	32	21	25	369	
EBV profile EBV VCA/EA IgG	24	28	41	29	37	32	33	35	27	32	19	25	362	
(자가면역검사)														
Total procedure	1,371	1,381	1,178	1,542	1,456	1,384	1,300	1,342	1,139	1,484	1,415	1,006	15,998	
ANCA 정량	74	72	55	90	71	64	74	54	52	54	64	55	779	

검사별	2021년												2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
ANCA 정성	52	69	41	102	67	56	62	53	38	59	42	26	667		
Anti Aquaporin 4 IgG Ab	14	10	21	11	2021.06.07~ 외부의뢰(SCL)로 변경								56		
Anti-CCP Ab	224	204	197	211	211	215	173	189	180	192	175	138	2,309		
Anti Liver Kidney Microsomal Ab	27	22	16	34	33	30	27	34	20	23	13	7	286		
Anti Mitochondrial Ab	65	42	31	55	75	56	57	78	49	74	52	20	654		
Anti Parietal cell Ab	0	0	0	0	0	0	0	0	2	0	0	1	3		
Anti Smooth Muscle Ab	56	44	34	50	69	51	57	75	46	71	58	26	637		
Anti-ds DNA IgG 정량	45	55	46	61	46	50	52	43	52	57	55	36	598		
Anti-RNP Ab	21	27	22	33	29	33	26	19	23	31	34	16	314		
Anti-Sm (Smith) Ab	23	37	24	31	29	32	25	20	20	33	30	16	320		
Anti-SS-A (Ro) Ab	60	56	46	79	58	63	55	44	41	68	57	43	670		
Anti-SS-B (La) Ab	50	51	44	66	54	55	46	41	39	62	52	38	598		
Aspergillus Ag(Galactomannam)	143	168	137	170	163	153	161	148	171	246	290	237	2,187		
Cryoglobulin	11	22	24	18	24	24	14	20	18	12	23	17	227		
Cold agglutinin	9	22	30	23	25	35	28	23	12	17	35	9	268		
Anti Nuclear Ab 정성	134	108	87	125	107	110	92	124	98	111	110	84	1,290		
Anti Nuclear Ab 정량	306	298	262	317	320	285	289	299	230	316	263	189	3,374		
Anti dsDNA Ab 정성	22	18	17	18	22	20	16	21	16	20	15	20	225		
Anti dsDNA Ab 정량	35	56	44	48	53	52	46	57	32	38	47	28	536		
(알러지 검사)															
Total procedure	261	283	333	295	287	236	229	262	282	241	208	159	3,076		
MAST Allergy INHALAN	56	84	78	94	73	70	86	95	90	93	79	53	951		
MAST Allergy FOOD	22	28	22	27	24	38	35	35	24	29	31	24	339		
Deramtophagoides.pterony	26	20	19	20	19	13	13	15	15	16	12	11	199		
Dermatophagoides.farinae	21	15	18	17	16	9	9	10	11	11	8	7	152		
Dog dander(E5)	17	8	9	8	11	6	7	5	8	7	3	3	92		
cat dander(E1)	17	12	11	13	15	10	10	13	9	12	8	7	137		
Cockroach(I6)	13	5	6	5	3	3	4	4	4	7	2	3	59		
Alternaria tenuis	17	11	9	7	8	6	5	4	5	8	4	3	87		
Egg white(F1)	2	9	15	9	9	6	3	6	11	6	7	6	89		
Cow's Milk(F2)	2	11	13	6	11	7	3	5	8	1	5	5	77		
Wheat(F4)	3	8	16	7	10	9	6	5	8	4	6	2	84		
Soybean(F14)	1	8	9	4	8	5	3	4	6	1	3	1	53		
Peanut(F13)	2	5	11	8	11	5	3	7	11	3	6	3	75		
Codfish(F3)	2	5	11	6	6	4	3	3	5	2	3	2	52		
Buckwheat(F11)	0	2	10	4	6	5	2	4	7	2	2	2	46		
Chicken meat(F83)	0	4	6	6	5	2	1	3	5	1	2	3	38		
Chub mackerel(F50)	4	2	5	5	4	2	3	4	6	3	3	3	44		
Common birch silver(T3)	2	3	8	5	6	3	3	2	1	1	1	3	38		
Crab(F23)	3	5	7	6	6	5	4	5	8	4	4	2	59		
Grey alder(T2)	2	3	5	4	6	2	1	1	1	0	1	2	28		
Humulus japonicus(W22)	13	5	6	4	2	4	4	4	4	7	2	1	56		
Japanese cedar(T17)	0	1	1	0	1	0	1	1	1	0	0	1	7		
Mix tree pollen(Tx5)	14	6	6	4	2	4	4	4	4	7	2	1	58		
Molds&Yeasts(Mx2)	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pork(F26)	1	2	6	5	4	4	3	3	6	2	3	3	42		
Sesame seed(F10)	1	0	0	1	0	1	2	2	2	0	1	0	10		
Shrimp(F24)	3	9	12	8	7	4	4	7	9	4	5	4	76		
Walnut(F256)	1	2	5	4	4	2	3	3	5	2	2	2	35		
Weed Mix(Wx5)	16	10	9	8	10	7	4	8	8	8	3	2	93		
진단 면역 QC	3,557	3,572	3,121	3,524	3,617	3,524	3,248	3,348	3,562	3,642	3,155	3,029	40,899		
진단 면역 QC(바코드 안된것)	48	64	72	32	32	56	40	48	56	56	48	40	592		
진단 면역 QC Total	3,605	3,636	3,193	3,556	3,649	3,580	3,288	3,396	3,618	3,698	3,203	3,069	41,491		
<POCT>															
Total procedure	16,208	16,417	14,329	16,153	15,876	16,784	15,353	15,151	15,565	16,714	16,914	13,391	188,855		
Total patient	4,098	4,164	3,651	4,099	4,029	4,237	3,896	3,835	3,955	4,249	4,271	3,378	47,862		
(MICU)															
Blood Gas Analysis	1,480	1,454	1,286	1,197	1,371	1,586	1,394	1,364	1,391	1,297	1,338	994	16,152		
ABGA-Electro(Na)	1,480	1,453	1,286	1,197	1,371	1,586	1,393	1,364	1,391	1,297	1,336	994	16,148		
ABGA-Electro(K)	1,480	1,453	1,286	1,197	1,371	1,586	1,393	1,364	1,391	1,297	1,336	994	16,148		

월별 검사별	2021년										2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Ca ²⁺ (Ionized)	0	0	0	0	0	0	0	0	0	0	1	0	1
Mg ²⁺ (Ionized)	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactic acid	1,478	1,450	1,279	1,190	1,366	1,584	1,391	1,363	1,390	1,267	1,314	993	16,065
Total procedure	5,918	5,810	5,137	4,781	5,479	6,342	5,571	5,455	5,563	5,158	5,325	3,975	64,514
(ER)													
Blood Gas Analysis	1,133	983	1,073	1,098	1,048	1,037	1,002	1,131	1,038	969	1,083	957	12,552
ABGA-Electro(Na)	1,111	948	1,032	1,058	1,010	1,016	960	1,092	1,021	950	1,068	943	12,209
ABGA-Electro(K)	1,111	948	1,032	1,058	1,010	1,016	960	1,092	1,021	950	1,068	943	12,209
Ca ²⁺ (Ionized)	0	1	0	0	0	0	0	0	0	0	0	0	1
Mg ²⁺ (Ionized)	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactic acid	1,102	947	1,033	1,042	1,010	1,014	957	1,084	1,018	950	1,064	945	12,166
Total procedure	4,457	3,827	4,170	4,256	4,078	4,083	3,879	4,399	4,098	3,819	4,283	3,788	49,137
(SICU)													
Blood Gas Analysis	825	853	619	1,034	897	857	711	662	752	1,176	1,063	690	10,139
ABGA-Electro(Na)	817	840	607	1,023	885	844	698	653	742	1,143	1,056	684	9,992
ABGA-Electro(K)	817	840	607	1,023	885	844	698	653	742	1,143	1,056	684	9,992
Ca ²⁺ (Ionized)	0	0	0	0	0	0	0	0	0	0	1	0	1
Mg ²⁺ (Ionized)	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactic acid	786	825	589	1,003	846	827	693	651	729	1,135	1,041	678	9,803
Total procedure	3,245	3,358	2,422	4,083	3,513	3,372	2,800	2,619	2,965	4,597	4,217	2,736	39,927
(OR)													
Blood Gas Analysis	367	503	440	406	446	453	393	374	374	457	447	365	5,025
ABGA-Electro(Na)	367	503	440	406	446	453	393	374	374	457	447	365	5,025
ABGA-Electro(K)	367	503	440	406	446	453	393	374	374	457	447	365	5,025
Ca ²⁺ (Ionized)	0	0	0	0	0	0	0	0	0	0	0	0	0
Mg ²⁺ (Ionized)	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactic acid	359	493	424	384	437	440	383	366	370	443	436	355	4,890
Total procedure	1,460	2,002	1,744	1,602	1,775	1,799	1,562	1,488	1,492	1,814	1,777	1,450	19,965
(NICU)													
Blood Gas Analysis	282	355	214	358	258	297	385	290	291	282	319	355	3,686
ABGA-Electro(Na)	282	355	214	358	258	297	385	290	291	282	319	355	3,686
ABGA-Electro(K)	282	355	214	358	258	297	385	290	291	282	319	355	3,686
Ca ²⁺ (Ionized)	0	0	0	0	0	0	0	0	0	0	0	0	0
Mg ²⁺ (Ionized)	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactic acid	282	355	214	357	257	297	386	290	290	282	316	355	3,681
Total procedure	1,128	1,420	856	1,431	1,031	1,188	1,541	1,160	1,163	1,128	1,273	1,420	14,739
(6A)													
Blood Gas Analysis								10	95	62	13	6	186
ABGA-Electro(Na)								10	94	62	13	6	185
ABGA-Electro(K)								10	94	62	13	6	185
Lactic acid								0	1	12	0	4	17
Total procedure								30	284	198	39	22	573
<수혈의학검사실>													
Total procedure	20,836	22,698	21,970	22,109	22,907	23,181	21,433	22,120	22,722	23,619	22,011	19,487	265,093
Total patient	6,731	7,094	6,802	7,049	6,999	6,904	6,690	7,038	7,098	7,217	6,976	6,174	82,772
ABO Typing(혈구형)	5,346	5,680	5,480	5,764	5,711	5,572	5,432	5,742	5,804	5,794	5,543	4,937	66,805
ABO Typing(혈청형)	2,402	2,873	2,733	3,019	2,970	2,857	2,844	2,961	3,063	2,961	2,714	2,464	33,861
Rh Typing	5,376	5,711	5,509	5,794	5,742	5,602	5,462	5,773	5,834	5,825	5,574	4,963	67,165
ABO subgroup Typing	0	0	0	0	0	0	0	0	0	0	0	0	0
Blood group titer	0	0	0	0	0	0	0	0	0	0	0	0	0
Coomb's Direct	55	62	51	47	41	51	71	55	48	32	44	37	594
Coomb's InDirect	41	46	38	36	32	42	60	41	31	20	34	26	447
#Cross matching	3,397	4,188	4,010	3,347	3,977	4,474	3,451	3,723	3,700	4,365	3,631	3,249	45,512
A형+	1,328	1,188	1,477	1,204	1,499	1,452	1,280	1,163	1,179	1,445	1,200	931	15,346
A형-	0	2	0	0	0	0	0	0	0	0	0	0	2
B형+	791	1,202	1,166	1,040	1,085	1,282	1,029	862	1,069	1,122	839	930	12,417
B형-	0	0	0	6	0	0	0	0	5	0	0	0	11
O형+	951	1,008	957	674	844	1,052	659	1,177	863	977	1,204	1,045	11,411
O형-	6	2	9	0	5	0	2	0	2	0	0	0	26
AB형+	320	786	401	423	544	688	481	521	582	821	388	343	6,298
AB형-	1	0	0	0	0	0	0	0	0	0	0	0	1

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
RBC filter		32	29	35	38	43	48	29	28	33	47	43	25	430
PLT filter		52	51	52	44	66	90	57	28	65	76	65	47	693
Irradiation of Blood product		797	852	930	868	1,148	1,293	974	559	851	1,018	944	764	10,998
Irradiation of Blood product(수탁)		0	0	0	0	0	0	0	0	0	0	0	0	0
Supplement bags		0	0	0	0	0	0	0	0	0	0	0	0	0
Unexpected Ab Screening		3,239	3,077	3,018	3,024	3,067	3,047	2,944	3,123	3,154	3,314	3,268	2,878	37,153
Unexpected Ab ID		9	10	15	12	6	7	11	10	11	12	5	9	117
Du Blood typing		5	4	4	3	4	4	4	8	7	2	4	3	52
Rh Ab titration test		0	0	0	0	0	0	0	0	2	0	0	0	2
ABO Ab titration test		2	2	8	29	4	24	6	5	16	27	23	12	158
Rh D+ phenotype		8	11	9	10	6	8	5	8	9	7	8	4	93
C		8	11	9	10	6	8	5	8	9	7	8	4	93
c		8	11	9	10	6	8	5	8	9	7	8	4	93
D		8	11	9	10	6	8	5	8	9	7	8	4	93
E		8	11	9	10	6	8	5	8	9	7	8	4	93
e		8	11	9	10	6	8	5	8	9	7	8	4	93
DC-Screening		8	14	6	4	10	5	9	6	10	3	3	2	80
IgG		8	14	6	4	10	5	9	6	10	3	3	2	80
IgA		8	14	6	4	10	5	9	6	10	3	3	2	80
IgM		8	14	6	4	10	5	9	6	10	3	3	2	80
C3c		8	14	6	4	10	5	9	6	10	3	3	2	80
C3d		8	14	6	4	10	5	9	6	10	3	3	2	80
Other Blood group		9	14	22	17	5	11	9	9	17	76	68	45	302
PLT-Apheresis(헌혈)		0	0	0	0	0	0	0	0	0	0	0	0	0
PLT-Apheresis(치료)		0	0	0	0	0	0	0	0	0	0	0	0	0
Leukocyte-Apheresis(헌혈)		0	0	0	0	0	0	0	0	0	0	0	0	0
Leukocyte-Apheresis(치료)		0	0	0	0	1	0	0	0	0	0	0	2	3
Plasma-Exchange		9	8	11	16	23	11	12	6	12	15	18	0	141
Phlebotomy		9	5	11	6	8	11	13	9	9	12	8	9	110
BMT(PBSC)		8	5	4	15	3	4	4	2	6	1	2	3	57
자가수혈		0	0	0	0	0	0	0	0	0	0	0	0	0
일반헌혈		0	0	0	0	0	0	0	0	0	0	0	0	0
A형		0	0	0	0	0	0	0	0	0	0	0	0	0
B형		0	0	0	0	0	0	0	0	0	0	0	0	0
O형		0	0	0	0	0	0	0	0	0	0	0	0	0
AB형		0	0	0	0	0	0	0	0	0	0	0	0	0
QC		1,033	1,034	1,015	1,007	1,040	1,040	1,007	1,040	1,043	1,040	1,040	904	12,243
#혈액출고량		3,133	3,851	3,714	3,080	3,619	4,113	3,138	3,357	3,372	3,969	3,308	2,945	41,599
W.B		0	0	0	0	0	0	0	0	0	0	0	0	0
P.R.C		1,038	1,174	966	883	960	1,044	852	1,052	966	1,145	1,164	1,011	12,255
W.R.C		0	0	0	0	0	9	0	0	4	0	0	0	13
P.C		1,378	1,510	1,731	980	1,421	1,609	1,175	1,346	1,473	1,443	1,270	1,036	16,372
L.C		0	0	0	0	0	0	0	0	0	0	0	0	0
F.F.P		279	558	469	558	563	622	420	456	425	762	382	358	5,852
CRYO		0	64	11	58	41	52	28	10	33	38	0	40	375
SDP(적십자)		209	236	269	253	284	353	256	228	183	227	221	209	2,928
SDP(본원)		0	0	0	0	0	0	0	0	0	0	0	0	0
FRBC		229	309	268	348	350	424	407	265	288	354	271	291	3,804
#혈액수혈량		3,126	3,838	3,694	3,050	3,598	4,108	3,101	3,343	3,352	3,960	3,302	2,925	41,397
W.B		0	0	0	0	0	0	0	0	0	0	0	0	0
P.R.C		1,036	1,170	962	882	960	1,043	847	1,052	962	1,144	1,163	1,010	12,231
W.R.C		0	0	0	0	0	9	0	0	4	0	0	0	13
P.C		1,378	1,502	1,731	972	1,421	1,609	1,159	1,346	1,461	1,443	1,270	1,035	16,327
L.C		0	0	0	0	0	0	0	0	0	0	0	0	0
F.F.P		275	557	456	542	552	618	415	453	422	757	378	345	5,770
CRYO		0	64	11	58	33	52	18	0	33	38	0	40	347
SDP(적십자)		209	236	267	248	282	353	255	227	182	226	220	205	2,910
SDP(본원)		0	0	0	0	0	0	0	0	0	0	0	0	0
FRBC		228	309	267	348	350	424	407	265	288	352	271	290	3,799
혈액반납		8	8	11	10	13	17	8	9	8	12	24	3	131

검사별	2021년											2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
혈액폐기	7	13	20	30	21	5	37	14	20	9	6	20	202	
#혈액청구량	3,224	3,863	3,716	3,033	3,617	4,161	3,072	3,378	3,473	3,952	3,212	2,930	41,631	
W.B	0	0	0	0	0	0	0	0	0	0	0	0	0	
P.R.C	1,063	1,154	985	865	924	1,070	823	1,014	1,070	1,130	1,111	1,015	12,224	
W.R.C	0	0	0	0	0	9	0	0	4	0	0	0	13	
P.C	1,370	1,534	1,715	980	1,413	1,645	1,139	1,430	1,397	1,467	1,259	1,023	16,372	
L.C	0	0	0	0	0	0	0	0	0	0	0	0	0	
F.F.P	342	570	423	566	580	610	440	420	480	770	342	360	5,903	
CRYO	0	64	29	40	61	42	30	16	37	20	0	38	377	
SDP(적십자)	208	243	270	251	284	357	251	222	185	222	230	210	2,933	
FRBC	241	298	294	331	355	428	389	276	300	343	270	284	3,809	
<유전자검사>														
Total procedure	4,147	6,103	7,180	7,213	7,919	7,741	6,549	5,978	8,214	9,241	6,905	10,227	87,417	
Total patient	3,721	5,800	6,804	6,736	7,719	7,207	6,022	5,753	7,912	9,010	6,573	9,979	83,236	
(조직적합검사)														
HLA A DNA	0	0	2	0	0	0	0	2	0	0	0	0	4	
HLA B DNA	0	0	2	0	0	0	0	2	0	0	0	0	4	
HLA C DNA	0	0	2	0	0	0	0	2	0	0	0	0	4	
HLA- DR DNA	0	0	2	0	0	0	0	2	0	0	0	0	4	
HLA- DQ DNA	0	0	2	0	0	0	0	2	0	0	0	0	4	
NGS HLA-A (High)	0	0	0	0	0	0	0	0	0	0	0	0	0	
NGS HLA-B (High)	0	0	0	0	0	0	0	0	0	0	0	0	0	
NGS HLA-C (High)	0	0	0	0	0	0	0	0	0	0	0	0	0	
NGS HLA-DR (High)	0	0	0	0	0	0	0	0	0	0	0	0	0	
NGS HLA-DQ (High)	1	0	0	0	0	0	0	0	0	0	0	0	1	
HLA Typing (NGS 5종)	11	23	2	12	21	13	25	10	9	10	11	11	158	
HLA-X matching T-NIH	3	2	6	4	1	1	1	5	4	0	2	1	30	
HLA-X matching T-AHG	3	2	6	4	1	1	1	5	4	0	2	1	30	
HLA-X matching B-Warm	3	2	6	4	1	1	1	5	4	0	2	1	30	
HLA-Cross matching (FCM-Tcell)	4	5	6	5	5	3	2	5	4	1	2	3	45	
HLA-Cross matching (FCM-Bcell)	3	2	6	5	1	3	1	5	1	0	2	3	32	
HLA-B27(PCR)	52	67	33	42	58	37	37	30	27	39	44	35	501	
(세포유전자검사)														
Chromosome analysis PB	11	6	8	15	8	13	17	2	8	1	12	12	113	
Chromosome analysis BM	37	27	46	37	43	38	29	36	39	30	27	26	415	
FISH : CKS1B, 1q21	0	2	4	5	0	3	1	3	4	1	2	1	26	
FISH : IGH / FGFR3,t(4:14)	0	2	4	4	0	4	1	3	4	1	2	1	26	
FISH : IGH / CCND1,t(11:14)	0	2	4	4	0	3	2	3	4	1	2	1	26	
FISH : IGH / MAF,t(14:16)	0	2	4	4	0	4	1	3	4	1	2	1	26	
FISH : TP53(17p13)	0	2	5	4	1	5	1	5	4	2	2	1	32	
FISH : PML/RARA	0	0	0	1	0	0	0	0	0	0	0	0	1	
FISH: CBFβ-MYH11	0	5	2	2	3	2	4	2	0	1	2	4	27	
FISH: TEL/AML, t(12:21)	0	1	1	2	2	0	1	1	0	1	0	0	9	
FISH: MLL, 11q23	1	6	5	4	5	2	5	2	1	2	2	4	39	
FISH: AML1/ETO, t(8:21)	0	0	0	0	0	0	0	0	0	0	0	0	0	
(분자유전자검사)														
Major BCR-ABL 재배열검사	9	5	12	15	11	10	9	2	5	6	9	9	102	
Minor BCR-ABL 재배열검사	9	6	12	15	11	10	9	2	5	6	9	9	103	
PML-RARA 재배열검사	5	3	4	8	3	5	4	1	4	2	2	7	48	
E2A-PBX 재배열검사	3	2	3	1	3	0	3	0	2	0	1	0	18	
CBF-MYH II 재배열 검사	5	3	4	7	3	6	4	2	5	2	3	6	50	
AML1-ETO 재배열검사	5	3	3	7	3	5	4	1	3	2	2	6	44	
SET-NUP214 재배열검사	0	0	0	0	0	0	0	0	0	0	0	0	0	
MLL 재배열검사	3	4	3	1	5	0	3	0	4	0	3	0	26	
TEL-AML 재배열검사	3	2	3	1	3	0	3	0	2	0	1	0	18	
TB-PCR(Hybrid)	308	343	247	333	311	312	249	302	315	53	0	0	2,773	
MTB/NTM Detection	116	149	140	170	91	119	121	89	112	69	85	71	1,332	
호흡기 바이러스 Realtime PCR	138	142	128	158	149	134	124	126	98	95	91	70	1,453	
폐렴원인균 선별검사 PCR	104	137	100	114	118	100	102	112	86	84	88	64	1,209	
HBV DNA (Real-time PCR)	292	338	299	246	372	357	258	308	275	274	312	272	3,603	
HCV RNA (Real-time PCR)	112	100	84	106	90	106	84	103	89	79	72	84	1,109	

검사별	일별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
CMV Real-time PCR		105	109	102	141	137	123	180	119	129	168	134	126	1,573
Indocyanin Green Test		19	22	28	40	45	30	31	33	40	37	51	51	427
HSV type PCR (1형, 2형)		59	71	46	79	73	67	72	47	51	61	60	63	749
CMV PCR		108	112	57	89	99	70	98	85	84	122	101	86	1,111
CT / NG Real-time PCR		65	67	64	61	81	96	49	39	42	44	42	38	688
EBV Real-time PCR		55	48	44	62	50	54	72	51	58	82	63	58	697
2019-nCoV(상기도PCR,본원)		2,265	2,808	2,368	1,992	2,769	3,077	2,384	2,094	4,198	5,412	3,413	5,048	37,828
2019-nCoV (취합검사, 본원)	4/19 검사자	1,221	3,043	3,063	3,086	2,679	2,291	2,174	2,253	2,353	1,978	3,853	27,994	
2019-nCoV(취합개별검사, 본원)		7	0	6	1	0	0	0	0	0	0	0	0	14
2019-nCoV(하기도PCR,본원)		13	13	2	3	16	8	4	5	14	7	4	7	96
NGS-ALL (level I)		2	0	1	1	3	0	2	0	0	1	1	0	11
NGS-AML (level I)		7	5	4	7	3	5	7	4	3	3	9	4	61
NGS-Malignant Lymphoma (level I)		7	1	3	2	7	1	1	1	2	0	3	4	32
NGS-MDS/MPN (level I)		1	0	1	1	3	2	7	1	4	2	7	2	31
NGS-MM (level I)		0	0	0	5	2	2	1	0	1	3	0	0	14
(유세포 검사)														
CD34 Cell count		7	4	3	16	4	4	4	2	3	1	2	2	52
CD 45		16	21	24	23	13	19	26	10	19	13	12	15	211
CD 34		6	6	7	7	6	6	8	2	8	3	4	6	69
CD 33		6	6	7	7	6	6	8	2	7	3	4	6	68
CD 20		6	7	9	10	6	6	12	3	6	5	4	8	82
CD 2		6	6	2	7	5	6	7	1	5	3	4	6	58
CD 117		6	6	2	7	5	6	8	1	5	3	4	6	59
CD 14(Monocyte)		9	8	11	10	6	11	12	2	7	4	7	7	94
CD 7		7	6	7	7	6	6	7	2	5	3	4	6	66
CD 5		6	6	7	7	5	6	7	2	5	3	4	6	64
CD 10		7	7	7	7	5	6	7	1	6	3	4	6	66
CD 22		6	7	7	7	5	6	7	1	5	3	4	6	64
CD 13		6	6	7	7	5	6	7	1	5	3	4	6	63
CD 3		23	29	28	46	37	31	31	30	31	34	47	25	392
CD 4		17	22	19	36	32	25	20	27	25	28	43	17	311
CD 8		17	22	19	36	32	25	20	27	25	28	43	17	311
CD19		13	16	14	27	15	14	12	9	13	16	18	12	179
CD 56		13	15	14	27	14	14	13	8	13	17	18	12	178
CD 38		0	3	1	0	0	1	0	4	1	2	0	0	12
CD138		0	3	1	0	0	1	0	4	1	2	0	0	12
CD 61		0	0	0	0	0	0	0	0	0	0	0	0	0
CD 24		3	2	4	3	1	5	5	1	2	1	3	1	31
CD 55		0	0	0	0	0	0	0	0	0	0	0	0	0
CD 59		3	2	4	3	1	5	5	0	2	1	2	1	29
MPO		6	5	6	6	5	6	6	1	5	2	4	6	58
TDT assay		6	5	6	6	5	5	6	1	5	2	4	6	57
조혈모세포 냉동처리 및 보관		5	4	1	9	2	4	5	0	0	0	0	0	30
정도관리 Total		408	395	438	434	453	431	410	445	431	424	393	368	5,030
<미생물검사실>														
Total procedure		15,570	18,281	17,277	19,633	19,124	17,862	17,716	17,491	17,650	17,011	15,434	13,454	206,503
Total patient		10,135	11,585	11,115	12,439	10,956	11,140	11,231	11,264	11,398	11,228	9,583	8,317	130,391
(MICROBIOLOGY)														
Total procedure		14,969	15,496	14,883	16,746	16,440	15,323	15,214	15,018	14,597	14,247	13,877	11,894	178,704
Total patient		9,541	10,343	10,005	11,200	9,799	10,082	10,123	10,088	9,965	9,874	8,927	7,687	117,634
2019-nCoV (응급선별)		179	201	237	231	208	214	236	217	187	173	214	158	2,455
바이러스성 급성설사 선별검사 PCR		59	59	65	86	114	79	70	50	52	35	25	48	742
세균성 급성설사 선별검사 PCR		86	79	90	103	149	101	93	67	63	51	31	53	966
카바페넴 분해효소 유전자 검사		42	28	38	30	36	43	42	52	37	45	33	25	451
카바페넴분해효소표현형검사(mCIM)		33	38	36	27	29	40	36	28	21	22	21	15	346
호흡기 원인세균/바이러스 패널(신속)	21.04.12 신설		6	22	30	12	10	25	13	13	30	22	38	221
뇌수막염 원인세균/바이러스 패널(신속)							21.12.20 신설					4	6	10
Gram stain		4,965	5,154	4,979	5,747	5,534	5,178	5,186	5,130	5,033	4,921	4,911	4,014	60,752
Wright Giemsa stain		89	95	88	117	146	114	91	66	57	44	48	36	991
혈액 배양, 감수성검사		2,335	2,412	2,463	2,774	2,651	2,433	2,504	2,504	2,468	2,220	2,405	1,844	29,013
구강기도.호흡기 배양, 감수성검사		775	858	738	882	847	809	786	723	729	717	712	600	9,176

검사별	2021년											2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
비노기.생식기 배양, 감수성검사	1,018	1,039	997	1,140	1,055	1,030	1,060	1,115	1,117	1,014	956	795	12,336	
소화기 배양, 감수성검사	92	95	116	148	187	151	139	101	99	95	94	80	1,397	
CRE 감시배양	1,656	1,571	1,544	1,623	1,596	1,461	1,462	1,568	1,295	1,494	1,455	1,227	17,952	
VRE 감시배양	153	143	146	172	146	139	175	143	117	95	109	98	1,636	
체액 배양, 감수성검사	177	166	124	120	174	153	162	189	154	182	193	139	1,933	
기타 검체 배양, 감수성검사	554	566	526	669	609	590	526	483	449	679	538	543	6,732	
혐기성 배양, 감수성검사	1	10	4	3	2	3	1	5	4	3	3	3	42	
Enterohemorrhagic E.coli (EHEC) culture	0	2	3	2	0	1	1	0	0	2	1	1	13	
Enterovirus Real-time PCR (신속)	12	17	12	26	13	19	14	13	17	13	8	15	179	
C.difficile GDH	224	206	203	232	270	246	230	197	216	201	181	202	2,608	
C.difficile toxin A+B	224	206	203	232	270	246	230	197	216	201	181	202	2,608	
C.difficile toxin(Real-time PCR)	213	206	205	233	290	229	216	193	201	176	180	175	2,517	
Wet smear	30	28	29	35	33	26	20	27	29	32	23	19	331	
Tzanck test	0	0	0	2	0	0	1	0	0	2	0	0	5	
Rota virus Ag(stool)	39	36	32	31	28	34	28	35	40	23	24	35	385	
Norovirus Ag (stool)	20	18	11	13	8	10	12	12	12	12	7	14	149	
Meningitis agglutination test	14	18	13	28	13	18	13	12	17	16	9	14	185	
Mycoplasma / Ureaplasma 배양	147	171	146	141	181	150	167	165	169	207	159	132	1,935	
Anti-serotyping test	0	0	8	0	0	5	2	0	0	0	0	1	16	
Streptococcus grouping(latex)	0	0	0	0	0	0	0	0	0	0	0	0	0	
결핵균및리팜핀내성	113	125	117	116	132	113	115	115	99	93	90	76	1,304	
AFB stain(형광법)	413	511	418	432	418	412	385	401	401	334	274	302	4,701	
AFB 배양(고체배양)	413	511	418	432	418	412	385	401	401	334	274	302	4,701	
AFB 배양(액체배양)	413	511	418	432	418	412	385	401	401	334	274	302	4,701	
AFB 항생제 감수성검사	0	0	0	0	0	0	0	0	0	0	0	0	0	
결핵균(TB) 약제감수성검사	3	12	12	14	15	10	5	13	6	6	6	7	109	
비결핵항산균(NTM) 약제감수성검사	14	6	16	10	12	9	7	14	20	17	8	9	142	
KOH mount	0	1	3	7	4	5	2	1	5	5	1	2	36	
India ink preparation	11	11	8	15	8	9	10	6	6	10	5	7	106	
구강.기도.호흡기 진균배양	93	58	82	78	83	67	69	54	81	71	77	70	883	
비노기.생식기 진균배양	3	0	5	4	0	2	3	3	0	0	2	1	23	
소화기 진균배양	0	0	0	0	1	0	0	0	0	0	0	0	1	
체액 진균배양	14	12	13	15	11	11	8	5	5	9	7	7	117	
기타 검체 진균배양	19	8	18	17	28	18	13	11	24	9	16	15	196	
Fungus sensitivity	19	13	10	14	8	25	35	27	34	28	27	10	250	
Q.C(바코드 안된것)	304	289	267	283	283	286	264	261	302	292	269	252	3,352	
Q.C(바코드 된것)	80	86	78	86	86	90	78	80	92	88	80	78	1,002	
Q.C(Total)	384	375	345	369	369	376	342	341	394	380	349	330	4,354	
(PARASITOLOGY)														
Total procedure	601	2,785	2,394	2,887	2,684	2,539	2,502	2,473	3,053	2,764	1,557	1,560	27,799	
Total patient	594	1,242	1,110	1,239	1,157	1,058	1,108	1,176	1,433	1,354	656	630	12,757	
Occult blood	591	1,233	1,099	1,231	1,149	1,047	1,102	1,174	1,426	1,349	654	625	12,680	
C.S Ova count	2	516	428	549	509	494	466	433	540	470	300	310	5,017	
Helminth	2	513	428	550	509	494	464	432	540	470	301	310	5,013	
Protozoa	3	514	428	549	509	493	464	432	540	470	300	310	5,012	
Stool Fat	3	7	8	7	8	8	6	2	6	5	2	3	65	
Scatch tape	0	1	1	0	0	0	0	0	0	0	0	1	3	
Trematodes exam	0	1	2	1	0	3	0	0	1	0	0	1	9	
Q.C(바코드 된것)	44	44	38	44	44	44	48	38	44	46	40	31	505	
<생리기능검사실>														
Total procedure	10,160	10,098	8,935	10,942	10,492	10,841	9,698	9,807	11,159	10,864	9,718	8,147	120,861	
Total patient	6,698	6,847	6,211	7,340	7,062	7,327	6,793	6,993	7,840	7,732	6,919	5,888	83,650	
(뇌파)														
Total procedure	285	233	217	252	255	246	228	255	260	236	264	182	2,913	
Total patient	285	233	217	252	255	246	228	255	260	236	264	182	2,913	
(뇌혈류)														
Total procedure	180	239	201	218	191	171	196	267	183	182	130	139	2,297	
Total patient	180	239	201	218	191	171	196	267	183	182	130	139	2,297	
(근전도)														
Total procedure	1,557	1,490	1,239	1,867	1,954	1,919	1,335	1,432	1,627	1,470	1,352	1,107	18,349	
Total patient	255	232	203	320	296	298	214	247	260	237	231	165	2,958	

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
(폐기능)														
Total procedure		1,432	1,362	1,246	1,624	1,410	1,475	1,281	1,197	1,569	1,397	1,350	1,075	16,418
Total patient		613	601	576	673	594	629	552	509	671	581	569	465	7,033
(심전도)														
Total procedure		2,387	2,601	2,407	2,810	2,902	2,978	2,785	2,928	3,187	3,450	3,046	2,850	34,331
Total patient		2,387	2,601	2,407	2,810	2,902	2,978	2,785	2,928	3,187	3,450	3,046	2,850	34,331
(Holter)														
Total procedure		220	202	183	183	180	192	181	214	223	200	163	161	2,302
Total patient		220	202	183	183	180	192	181	214	223	200	163	161	2,302
(재활근전도)														
Total procedure		570	508	423	407	413	504	415	282	414	314	208	185	4,643
Total patient		54	53	50	52	46	53	51	32	54	40	27	29	541
(당뇨검사실)														
Total procedure		1,015	1,047	914	1,014	876	950	935	813	1,021	996	828	660	11,069
Total patient		848	847	744	811	744	792	748	630	892	802	663	536	9,057
(청력검사실)														
Total procedure		1,776	1,565	1,436	1,810	1,555	1,572	1,561	1,602	1,826	1,804	1,599	1,220	19,326
Total patient		1,118	988	961	1,264	1,098	1,134	1,057	1,094	1,261	1,189	1,048	793	13,005
(자율신경검사실)														
Total procedure		111	146	166	229	206	219	194	222	191	135	224	107	2,150
Total patient		111	146	166	229	206	219	194	222	191	135	224	107	2,150
(신경인지검사실)														
Total procedure		627	705	503	528	550	615	587	595	658	680	554	461	7,063
Total patient		627	705	503	528	550	615	587	595	658	680	554	461	7,063
(외부의뢰검사)														
Total procedure		3,102	4,806	3,036	3,095	3,186	2,956	2,814	2,898	6,529	4,921	5,472	5,159	47,974
Total patient		2,632	4,182	2,560	2,577	2,721	2,467	2,410	2,443	5,179	4,058	4,532	4,257	40,018
(SCL)														
Total procedure		1,608	1,746	1,453	1,692	1,839	1,747	1,503	1,602	1,712	1,867	1,781	1,580	20,130
Total patient		1,284	1,409	1,141	1,323	1,466	1,362	1,206	1,268	1,298	1,543	1,452	1,324	16,076
(Body Fluid) Parasite specific Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
[Urine] CMV PCR 정량		5	0	0	0	0	2	9	2	0	0	0	0	18
11-Deoxycortisol		0	0	0	0	0	0	0	0	0	0	0	0	0
11-Deoxycorticosterone		0	0	0	0	0	0	0	0	0	0	0	0	0
17-Ketosteroid (24hr urine)		2	9	3	7	14	6	6	3	6	6	9	4	75
17-OH corticosteroid (24hr urine)		2	9	3	7	14	6	6	3	6	6	9	4	75
17 α -OH Progesterone		16	11	11	14	19	24	21	15	13	19	24	16	203
1-C1P (Type 1 collagen C-terminal telopeptide)		0	0	0	1	0	0	0	0	1	0	0	2	4
1 α ,25-(OH) $_2$ Vit.D		17	17	17	21	20	20	8	9	7	8	12	21	177
25-OH Vit.D3		0	0	0	0	0	0	0	0	0	0	0	0	0
5-HIAA 정량 (24hrs Urine)		0	0	0	0	0	0	0	0	0	0	0	0	0
5-HIAA 정량 (Plasma)		0	0	0	0	0	0	0	0	0	0	0	0	0
5-HIAA 정성 (Random Urine)		0	0	0	1	1	1	1	2	1	2	0	1	10
5 α -(OH) $_2$ testosterone		0	0	0	0	0	0	0	0	0	0	0	0	0
개인식별검사		0	0	0	0	0	0	0	0	0	0	0	0	0
결핵균 퀵론 신속감수성검사		0	1	2	1	1	0	0	0	0	0	0	0	5
급성설사 원인 바이러스 선별검사(6종)		0	0	0	0	0	0	0	0	0	0	0	0	0
급성설사 원인균 선별검사(10종)		0	0	0	0	0	0	0	0	0	0	0	0	0
기타(내분비대사)		0	0	0	0	0	0	0	0	0	0	0	0	0
기타(특수화학)		0	0	0	0	0	0	0	0	0	0	0	0	0
대사산물		0	0	0	0	0	0	0	0	0	0	0	0	0
대사이상검사		0	0	0	0	0	0	0	0	0	0	0	0	0
마약확진1 (Morphine)		0	0	0	0	0	0	0	0	0	0	0	0	0
마약확진2 (Methamph & Cocain)		0	0	0	0	0	0	0	0	0	0	0	0	0
마약확진3 (Cannabinoids)		0	0	0	0	0	0	0	0	0	0	0	0	0
면역매개체검사		0	0	0	0	0	0	0	0	0	0	0	0	0
바이러스		0	0	0	0	0	0	0	0	0	0	0	0	0
바이러스성 뇌수막염 검사 PCR		2	3	1	0	5	1	2	2	1	5	5	4	31
비타민무기질검사		0	0	0	0	0	0	0	0	0	0	0	0	0
산전검사		0	0	0	0	0	0	0	0	0	0	0	0	0
신생아 대사이상 선별검사 (55종)		35	51	30	38	39	39	45	31	43	41	33	40	465

검사별	2021년												2022년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
유전성비용종성대장암(HNPCC): MLH1 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
유전성비용종성대장암(HNPCC): MLH2 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
인플루엔자바이러스A&B	3	4	0	3	0	1	0	6	2	2	0	0	21		
중금속검사	0	0	0	0	0	0	0	0	0	0	0	0	0		
질환관련유전자검사	0	0	0	0	0	0	0	0	0	0	0	0	0		
폐렴원인균 선별검사 PCR	0	0	0	0	0	0	0	0	0	0	0	0	0		
A002-TB-PCR (Hybrid)	21.12. 일시적 SCL의뢰										165	206	225	596	
ACE (Angiotensin converting E)	21	20	32	24	26	29	25	24	19	17	23	24	284		
Acetylcholinesterase(AchE)	0	0	0	1	0	0	1	3	0	0	0	0	5		
Ach-R-binding Ab	6	13	7	19	18	13	17	24	8	14	21	16	176		
Ach-R-blocking Ab	0	1	3	2	2	1	0	1	3	3	0	1	17		
Achondroplasia: FGFR3 major mutation	0	0	0	0	0	0	0	0	0	0	0	0	0		
Acid phosphatase (ACP)	0	0	0	0	0	0	0	0	0	0	0	0	0		
ADAMTS 13 activity	0	0	0	0	0	0	0	0	0	0	0	0	0		
Adenovirus culture	0	0	0	0	0	0	0	0	0	0	0	0	0		
Adenovirus 1	0	0	0	0	0	0	0	0	0	0	0	0	0		
Adenovirus 11	0	0	0	0	0	0	0	0	0	0	0	0	0		
Adenovirus 19	0	0	0	0	0	0	0	0	0	0	0	0	0		
Adenovirus 2	0	0	0	0	0	0	0	0	3	0	1	0	4		
Adenovirus 21	0	0	0	0	0	0	0	0	0	0	0	0	0		
Adenovirus 3	0	0	0	0	0	0	0	0	0	0	0	0	0		
Adenovirus 4	0	0	0	0	0	0	0	0	0	0	0	0	0		
Adenovirus 5	0	0	0	0	0	0	0	0	3	0	1	0	4		
Adenovirus 6	0	0	0	0	0	0	0	0	0	0	0	0	0		
Adenovirus 7	0	0	0	0	0	0	0	0	0	0	0	0	0		
Adenovirus 8	0	0	0	0	0	0	0	0	0	0	0	0	0		
ADH (plasma)	3	6	5	4	10	1	4	1	1	1	4	3	43		
ADH (urine)	0	0	0	0	0	0	0	0	0	0	0	0	0		
ADPKD: PKD1 mutation	0	0	0	0	0	0	0	1	0	0	0	0	1		
ADPKD: PKD2 mutation	0	0	0	0	0	0	0	1	0	0	0	0	1		
AIS: AR mutation	0	0	0	0	0	0	0	0	0	0	0	0	0		
Alagille: JAG1 mutation	0	0	0	0	0	0	0	0	0	0	0	1	1		
ALD: ABCD1 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0		
Aldolase	10	8	6	11	10	8	9	3	6	7	7	5	90		
ALP Isoenzyme EP	0	0	1	1	2	1	1	1	1	0	0	0	8		
ALP Isoenzyme EP Total ALP(%)	0	0	0	0	0	0	0	0	0	0	0	0	0		
alpha-thalassemia: HBA1/HBA2 del/dup(MLPA)	0	0	0	0	0	0	0	0	0	0	0	0	0		
Aluminium (Al)	0	0	0	0	1	0	0	0	0	0	0	0	1		
Amino acids	4	3	4	2	5	11	7	9	8	3	3	5	64		
Amitriptyline & Nortriptyline	0	0	0	0	0	0	0	0	0	0	0	0	0		
Amphetamine	0	0	1	0	0	0	0	0	0	0	0	0	1		
Amylase Isoenzyme	0	1	2	0	0	2	0	2	2	2	0	1	12		
Amyloid A	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANCA 정량	0	0	0	0	0	0	0	0	0	0	0	0	0		
Androstenedione (ADD)	0	0	0	1	0	0	0	0	0	0	1	0	2		
Angiotensin I	0	0	0	0	0	0	0	0	0	0	0	0	0		
Angiotensin II	0	0	0	0	0	0	0	0	2	0	0	0	2		
Anti Aquaporin 4 IgG Ab	21.06 본원->SCL 변경			4	17	6	3	9	4	6	6	6	61		
Antiplasmin /α2-PI	0	0	0	0	0	0	0	0	0	0	0	0	0		
Anti β ₂ GPI IgG	48	40	36	52	47	47	33	50	35	42	42	36	508		
Anti β ₂ GPI IgM	47	40	36	52	47	46	32	52	35	41	41	36	505		
Anti Cardiolipin Ab IgA	0	3	2	1	4	3	0	4	2	2	2	1	24		
Anti Phospholipid Ab IgM	8	18	20	16	13	23	14	20	16	23	18	14	203		
Anti Phospholipid Ab IgG	8	18	20	17	13	25	13	24	19	23	20	15	215		
Anti Sperm Ab	0	0	0	0	0	0	0	0	0	0	0	0	0		
Anti GAD Ab	4	6	2	4	6	5	4	5	2	10	4	4	56		
Anti GBM Ab	7	12	9	8	11	12	7	8	10	4	12	16	116		
Anti Platelet Ab	2	2	1	0	1	2	0	3	2	2	2	1	18		
Anti-ds DNA (IRMA)	0	0	0	0	0	0	0	0	0	0	0	0	0		
Anti-histone Ab	1	9	3	3	4	6	5	2	0	2	3	2	40		

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Anti-Jo-1 Ab		9	6	6	14	8	9	8	5	4	4	5	7	85
Anti-MAG IgG		0	0	0	3	0	0	0	0	0	0	1	0	4
Anti-PLA2R IgG		3	1	2	2	5	0	4	3	0	0	1	2	23
Anti-Scl 70 Ab		2	3	1	2	5	4	2	1	4	1	6	4	35
Anti-Smith/RNP Ab		1	1	1	1	0	0	0	1	0	1	1	0	7
Anti-SS-A(Ro) Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-SS-B(La) Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-centromere Ab		14	12	6	6	3	4	1	0	5	2	6	2	61
Anti-ds DNA IgG 정량 (IU/mL)		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-ds DNA IgM		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Sm (Smith) Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-platelet factor 4 Ab		0	1	0	1	1	1	1	0	0	0	0	0	5
Anti-RNP Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Apo E genotyping		10	8	3	9	13	13	11	13	15	20	10	11	136
Apolipoprotein C-III		0	0	0	0	0	0	0	0	0	0	0	0	0
Apolipoprotein E		0	0	0	0	0	0	0	0	0	0	0	0	0
Arsenic		1	1	1	0	1	1	0	2	1	0	1	0	9
ASCA		2	4	0	3	2	0	2	3	1	0	2	1	20
Aspergillus Ag(Galactomannan)		0	0	0	0	0	0	0	0	0	5	0	0	5
Aspergillus Ab IgG		8	6	3	3	5	5	6	3	2	0	4	1	46
B302-ABO Genotyping		0	0	0	0	0	0	0	0	0	0	0	0	0
B305-Rh Subgroup		0	0	0	0	0	0	0	0	0	0	0	0	0
Barbiturates		0	0	0	0	0	0	0	0	0	0	0	0	0
BCR-ABL1 재배열, 정량		0	0	0	0	0	0	0	0	0	0	0	0	0
BCR-ABL1 재배열, 정량 (Minor)		3	2	4	4	2	3	3	3	4	4	5	1	38
Benzodiazodiazepines		0	0	0	0	0	0	0	0	0	0	0	0	0
beta-thalassemia: HBB mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
BKV 정량 (real-time PCR)		0	0	0	0	0	0	0	0	0	0	0	0	0
BKV 정성 (PCR)		0	0	0	1	0	0	0	0	0	2	0	0	3
Bone ALP		7	4	1	7	12	8	6	1	4	1	10	3	64
Bordetella pertusis Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Bordetella pertusis PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
Borrelia Ab (Lyme titer)		0	0	0	0	0	0	1	0	0	0	0	0	1
BRCA-1		6	8	5	4	0	1	4	2	4	4	5	1	44
BRCA-2		6	8	5	4	0	1	4	2	4	4	5	2	45
BRCA-1, 2 가족검사		0	0	1	0	0	0	1	0	0	2	0	0	4
Breakage study (Fanconi anemia study)		0	0	0	0	0	0	0	0	0	0	0	0	0
Brucella Ab		0	0	0	0	1	0	0	0	0	0	0	0	1
Buprenorphine		0	0	1	0	0	0	0	0	0	0	0	0	1
C.trachomatis PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
C.trachomatis Ab IgG		0	2	4	2	2	3	5	4	0	2	2	0	26
C.trachomatis Ab IgM		1	2	2	2	2	3	5	4	0	2	1	0	24
C1 inactivator activity		15	20	7	17	12	15	17	15	9	14	12	11	164
C1 inactivator inhibitor		22	13	10	25	18	19	21	20	12	21	16	13	210
C1q		0	0	0	0	0	0	0	0	0	0	0	0	0
C5		0	0	0	0	0	0	0	0	0	0	2	0	2
CA 72-4		21.06. 신설			1	2	1	2	1	3	4	4	2	20
CADASIL: NOTCH3 mutation		4	1	0	1	1	0	0	0	0	1	2	0	10
Cadmium (Cd)		0	1	0	0	0	0	0	0	0	0	0	0	1
CAH: CYP21A2 mutation/deletion/rearrange		0	0	0	0	1	0	0	0	0	0	0	0	1
Calcitonin		0	0	0	0	0	0	0	0	0	0	0	0	0
C-AMP		0	0	0	0	0	0	0	0	0	0	0	0	0
Campylobacter culture		2	0	2	1	1	3	2	0	3	3	0	1	18
Cannabinoids(marijuana)		0	0	0	0	0	0	0	0	0	0	0	0	0
Carotene		3	2	1	1	2	0	1	0	0	2	0	1	13
Catecholamine 2분획		16	18	5	12	19	15	8	14	12	5	9	9	142
Catecholamine 3분획		11	16	3	9	16	9	5	12	9	4	7	6	107
CCHS: PHOX2B mutation		0	1	0	0	0	0	0	0	0	0	0	0	1
CEBPA gene mutation		1	1	0	0	2	1	4	2	2	1	0	1	15
Ceruloplasmin		19	23	15	24	35	30	24	35	26	22	15	4	272
CH 50		8	13	10	14	6	10	10	10	6	10	4	2	103

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Chlamydia pneumoniae Ab IgG	1	1	3	1	3	0	1	5	1	3	3	2	24	
Chlamydia pneumoniae Ab IgM	4	1	3	1	6	0	1	6	1	3	3	3	32	
Chlamydia pneumoniae PCR	0	0	0	0	6	0	0	2	0	1	0	1	10	
Chlamydia culture	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cholinesterase	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chlamydophila psittaci Ig G	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chlamydophila psittaci Ig M	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chromosome analysis Amn.F	1	3	1	2	5	1	3	4	1	1	0	0	22	
Chromosome analysis abortus	0	0	0	0	0	0	1	0	0	0	2	2	5	
Chromosome analysis CVS	0	0	0	1	1	1	2	0	2	1	1	0	9	
Chromosome + FISH 21	0	0	0	0	0	0	0	2	0	0	0	0	2	
Chromium (Cr)	0	0	0	0	0	0	0	0	0	0	1	0	1	
Chromogranin A	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chromosome + FISH 18	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chromosome + FISH 13	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chromosome analysis Cord blood	0	0	0	0	0	0	0	0	0	0	0	0	0	
Circulating immune complex	14	15	10	14	17	14	12	19	9	14	8	13	159	
Citric acid	0	0	0	0	0	0	0	0	0	0	0	0	0	
Citrullinemia 2; SLC25A13	0	0	0	0	0	0	0	0	0	0	0	0	0	
Clonazepam	0	0	0	0	0	0	0	0	0	0	0	0	0	
CMTX: GJB1 mutation	0	0	0	0	0	0	0	0	0	0	0	1	1	
CMV Culture	77	85	52	70	69	59	58	60	69	85	80	69	833	
Cocaine	0	0	0	0	0	0	0	0	0	0	0	0	0	
COL1A1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Copper (Cu)	8	9	13	5	15	7	3	10	11	10	8	3	102	
Copper (Cu) (Tissue)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coproporphyrin 정량	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coproporphyrin 정성	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cortisol (Unextracted. 24hr U)	0	1	2	1	0	1	0	4	0	1	3	0	13	
Cortisol, free (24hr urine)	6	5	3	6	9	7	3	2	7	4	6	6	64	
Coxiella burnetii Ab	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus B1	0	0	0	1	1	0	1	2	4	1	1	0	11	
Coxsackie virus B2	0	0	0	1	1	0	1	2	4	1	1	0	11	
Coxsackie virus B3	0	0	0	1	1	0	1	2	4	1	1	0	11	
Coxsackie virus B4	0	0	0	1	1	0	1	2	4	1	1	0	11	
Coxsackie virus B5	0	0	0	1	1	0	1	2	4	1	1	0	11	
Coxsackie virus B6	0	0	0	1	1	0	1	2	4	1	1	0	11	
Coxsackie virus A2	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus A3	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus A4	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus A6	0	0	0	0	0	0	0	0	0	0	1	0	1	
Coxsackie virus A7	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus A9	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus A10	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus A16	0	1	0	0	0	0	0	0	0	0	0	0	1	
C-Peptide	0	0	0	0	0	0	0	0	0	0	0	0	0	
CPK Isoenzyme EP	3	2	3	0	1	5	3	0	4	3	0	4	28	
CPK Isoenzyme EP LD 5	0	0	0	0	0	0	0	0	0	0	0	0	0	
CPK Isoenzyme EP TOTAL (U/L)	0	0	0	0	0	0	0	0	0	0	0	0	0	
CPK Isoenzyme EP LD 1/LD 2	0	0	0	0	0	0	0	0	0	0	0	0	0	
CPT2결핍증: CPT2 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
Creutzfeldt-Jakob disease	0	0	5	0	0	0	0	0	0	0	0	0	5	
Crouzon: FGFR2 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cryptococcus Ag	11	9	3	14	9	8	3	5	4	9	4	5	84	
C-Telopeptide of collagen	0	0	0	0	0	0	0	0	0	0	0	0	0	
CYP2D6 유전형	0	0	0	0	0	0	1	0	0	0	0	0	1	
Cystatin C	0	0	0	0	0	0	0	0	0	0	0	0	0	
Delta -ALA	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dengue virus Ab	0	0	0	0	0	0	0	0	0	0	0	0	0	
Deoxyypyridinolin	0	0	0	0	0	0	0	0	0	0	0	0	0	
Desipramine	0	0	0	0	0	0	0	0	0	0	0	0	0	

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
DHEA-sulfate		0	0	0	0	0	0	0	0	0	0	0	0	0
DMD/BMD: DMD mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
DMD/BMD: DMD ,MLPA법		0	0	0	0	0	0	0	0	0	0	0	0	0
DNA Fingerprinting (1인추가)		0	0	0	0	0	0	0	0	0	0	0	0	0
DNA Fingerprinting (2인추가)		0	0	0	0	0	0	0	0	0	0	0	0	0
DNA(친자감별.부.모.자)		0	0	0	0	0	0	0	0	0	0	0	0	0
Dopamine, total		0	0	0	0	1	0	0	0	0	0	0	0	1
DRPLA: DRPLA gene analysis		1	0	1	1	2	1	1	0	0	1	1	0	9
DYT1: TOR1A mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
EBV EA IgA		0	0	0	0	0	0	0	0	0	0	0	0	0
EBV EA IgG		0	2	0	3	1	1	0	2	0	0	0	0	9
EBV EA IgM		3	3	3	5	3	4	3	2	2	6	2	1	37
EBV 정성 (PCR)		4	5	1	6	2	5	0	4	6	5	2	4	44
EBV VCA IgG		0	2	0	3	0	1	0	2	1	0	0	0	9
Echinococcus Ab		21.06. 신설				1	0	0	0	0	0	0	0	1
EBV 정량 (real-time PCR)		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 1		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 3		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 4		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 5		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 6		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 7		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 9		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 11		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 12		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 13		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 14		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 16		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 17		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 18		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 19		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 21		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 22		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 24		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 25		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 30		0	0	0	0	0	0	0	0	0	0	0	0	0
Ehlers-Danlos: COL3A1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Elastase-1		0	0	0	0	0	0	0	0	0	0	0	0	0
Entamoeba histolytica IgG		2	0	3	1	3	1	4	1	2	1	0	1	19
Enterovirus culture		0	0	0	0	0	0	0	0	0	0	0	0	0
Enterovirus RT PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
Enterohemorrhagic E.coli (EHEC) PCR (Stool)		0	2	2	3	0	0	1	0	0	1	0	1	10
Enterohemorrhagic E.coli culture		0	0	0	0	0	0	0	0	0	0	0	0	0
Eosinophil cationic protein		4	5	3	5	7	5	6	3	6	3	4	4	55
Episodic ataxia 2: CACNA1A mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Erythropoietin (EPO)		8	6	4	7	4	7	6	7	12	12	10	6	89
Estron (E ₁)		0	0	0	0	0	0	0	0	0	0	0	0	0
Estriol (E ₃)		0	0	0	0	0	0	0	0	0	0	0	0	0
Estrogen, total		8	17	10	21	16	15	14	16	15	16	4	3	155
ETV6/RUNX1(TEL-AML) 재배열, 정성		0	0	0	0	0	0	0	0	0	0	0	0	0
Fabry 선별&유전변이확인(젠자임)		0	0	0	0	0	1	1	0	3	3	0	1	9
Fabry: GLA mutation(젠자임)		1	3	2	1	1	1	0	0	0	1	0	0	10
Fabry병 선별(α-Galactosidase)		6	12	14	9	11	1	0	0	1	0	0	0	54
Familial mutation, autosomal dominant		0	0	0	0	0	0	0	0	0	0	0	0	0
FAP: APC mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Fasciola hepatica Ab		0	0	0	0	0	1	2	1	0	0	0	0	4
Fetal Hb		0	0	0	0	0	0	0	0	0	0	0	0	0
FH: LDLR point mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Filaria Ab & PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: MLL, 11q23		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: Trisomy 21		0	0	0	0	0	0	0	0	0	0	0	0	0

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
FISH: CATCH22, 22q11		0	0	0	0	1	1	0	0	0	0	0	0	2
FISH: Williams, 7q11		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: PDGFRA		1	0	0	1	1	0	0	0	1	0	0	0	4
FISH: PDGFRB		1	0	0	1	1	0	0	0	1	0	0	0	4
FISH: IGH/MYC/CEP8, t(8:14)		2	0	0	0	0	0	0	0	0	0	0	0	2
FISH: CFBF-MYH11		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: Prader-Will/Angelman		0	0	0	0	0	0	0	0	0	0	0	0	0
FLT3-ITD		2	1	2	0	3	1	0	2	0	2	0	0	13
FLT3-D835Y		1	0	1	0	2	0	0	1	0	0	0	0	5
Fragile-X 증후군 확진검사		1	2	3	1	1	3	2	0	0	0	1	3	17
Free Phenytoin		0	0	0	0	0	0	0	1	0	0	0	0	1
Free T ₃		18	17	17	11	18	9	16	14	15	20	13	14	182
Friedreich ataxia: FXN mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Fructose		0	0	0	0	0	0	0	0	0	0	0	0	0
FTA-ABS IgG		46	25	30	31	33	38	31	35	31	44	27	26	397
FTA-ABS IgM		46	25	27	32	33	38	31	34	31	43	25	27	392
G-6-PDH		0	0	0	0	0	1	0	0	1	1	0	0	3
Galactose 3종		0	0	0	0	0	0	0	0	0	0	0	0	0
Gastrine		0	2	0	1	3	3	1	3	2	0	0	1	16
Gaucher: GBA mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Gaucher병 선별(β-glucocerebrosidase)		1	0	0	0	0	0	0	0	0	0	0	0	1
GD1b Ab, IgM		2	1	3	3	1	4	4	2	4	6	0	1	31
Gliadin Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Glucagon		0	1	0	0	3	0	0	2	1	2	1	2	12
Glycated albumin	21.06 본원->SCL 변경				4	9	6	9	8	8	9	8	9	70
GM1 Ab, IgG		2	1	4	3	1	4	4	2	4	6	0	1	32
GM1 Ab, IgM		2	1	4	3	1	4	5	2	4	6	0	1	33
GSD1a: G6PC mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
GSD1b: SLC37A4 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
H.Pylori Ab IgG		1	0	0	0	1	1	1	2	1	3	0	3	13
H.Pylori Ab IgM		1	0	0	0	1	1	1	2	0	3	0	3	12
Haemophilus ducreyi PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
Hair Mineral Test-II		0	2	2	1	0	2	1	0	2	3	1	0	14
Haloperidol		0	0	0	0	0	0	0	0	0	0	0	0	0
Hantaan virus Ab (HFRS)		1	2	0	6	0	5	5	14	45	9	4	0	91
HBs Ag 정량		1	0	0	2	1	0	2	0	1	1	2	0	10
HBV 약재내성 (Lamivudine 22종)		2	1	2	3	3	5	2	2	2	1	3	6	32
HBV DNA Polymerase		0	0	0	0	0	0	0	0	0	0	0	0	0
HCV RNA 정성 (RT-PCR Hybridization)		32	17	17	16	26	18	15	28	11	15	27	14	236
HCV NS5A mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
HDV Ab (Delta Ab)		1	0	0	0	2	3	0	0	0	1	0	0	7
HDV PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
Hemoglobin EP		0	0	1	1	0	1	1	0	0	0	0	0	4
Hemochromatosis: HFE mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
HER-2/neu		0	0	0	0	0	0	1	0	0	0	0	0	1
Heterophil Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
HEV PCR		0	1	1	0	1	0	0	1	0	0	0	0	4
HEV IgG		5	4	5	7	11	9	6	4	7	0	1	1	60
HEV IgM		7	4	5	9	11	12	8	4	7	0	1	1	69
HGV PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
HHT: ACVRL1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
HHT: ENG mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Hippuric acid		0	0	0	0	0	0	0	0	0	0	0	0	0
Histoplasma Ab Screening		0	0	0	0	0	0	0	0	0	0	0	0	0
Histoplasma confirm		0	0	0	0	0	0	0	0	0	0	0	0	0
HIV 정량		13	24	12	14	24	14	16	29	14	19	27	19	225
HIV 내성검사		0	1	1	1	2	0	1	3	1	2	1	0	13
HLA B51 Genotyping		13	8	7	8	5	8	6	6	9	13	13	6	102
HLA- DQ DNA		0	0	0	0	0	0	0	0	0	0	0	0	0
HLA- DQ type (High)		0	0	0	0	0	0	0	0	0	0	0	0	0
HLA-A High-resolution(외부의뢰)	21.03 산철		1	3	0	0	3	0	0	11	1	2	3	24

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
HLA-B 5801(PCR)		21.09. 신설					2	2	0	0	2	0	2	8
HLA-B 5801 (Sequencing)	1	2	0	2	1	2	0	0	0	1	1	0	10	
HLA-B High-resolution(외부의뢰)		1	3	0	0	3	0	0	11	1	2	3	24	
HLA-C High-resolution(외부의뢰)	21.03. 신설	1	3	0	0	3	0	0	11	1	2	3	24	
HLA-DQB1 High-resolution(외부의뢰)		1	3	0	0	3	0	0	11	1	2	3	24	
HLA-DRB1 High-resolution(외부의뢰)		1	3	0	0	3	0	0	11	1	2	3	24	
HOKPP; CACNA1S mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
Homogentisic acid (HGA)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Homovanillic acid (HVA)	1	0	0	0	1	0	1	0	1	0	0	0	4	
HPL (Human placental lactogen)	0	0	0	0	0	0	0	0	0	0	0	0	0	
HPV Probe(HCS)	119	126	112	95	116	102	129	118	126	142	105	102	1,392	
HPV Probe(Low risk)	0	0	0	0	0	0	0	0	0	0	0	0	0	
HSV IgG (H.Simplex virus)	19	21	21	19	20	19	17	23	14	25	10	13	221	
HSV type I PCR	0	0	0	0	0	0	0	0	0	0	0	0	0	
HSV type II PCR	0	0	0	0	0	0	0	0	0	0	0	0	0	
HSV type I IgG	5	10	1	5	3	4	4	5	3	7	8	4	59	
HSV type II IgG	10	13	7	10	5	9	11	11	4	12	11	5	108	
HTLV- I . II Ab	0	0	0	0	0	0	0	0	1	0	0	0	1	
Human herpes virus 8 PCR	0	0	0	0	0	0	0	2	1	0	0	0	3	
Huntington ds: HD mutation	0	1	0	0	0	0	0	0	2	0	0	0	3	
Hydroxyproline, free	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ig D	10	17	9	6	14	14	7	10	13	4	11	12	127	
Ig G low conc (CSF)	5	2	6	6	3	6	3	5	2	5	6	4	53	
IGF-BP3	62	81	66	79	88	73	88	66	72	63	91	66	895	
IgG Subclass 1	3	0	2	6	0	7	0	3	0	2	4	0	27	
IgG Subclass 2	3	0	2	6	0	7	0	3	0	2	4	0	27	
IgG Subclass 3	3	0	2	6	0	7	0	3	0	2	4	0	27	
IgG Subclass 4	26	24	21	27	28	37	15	20	33	24	28	27	310	
Imipramine & Desipramine	0	0	0	0	0	0	0	0	0	0	0	0	0	
Immunoelectrophoresis (CSF)	3	0	5	3	3	3	2	1	2	5	3	3	33	
Immunofixation EP IgD,IgE (Serum)	2	7	16	11	11	14	7	16	6	5	12	4	111	
Immunofixation EP IgD,IgE (Urine)	3	0	5	3	3	3	2	1	2	5	4	3	34	
Infliximab	1	0	0	0	0	0	1	0	1	0	0	0	3	
Insulin	0	0	0	0	0	0	0	0	0	0	0	0	0	
Insulin Ab	2	5	4	5	3	3	5	5	1	8	1	1	43	
Interleukin 6 (IL-6)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Islet cell Ab (ICA)	1	6	2	2	3	1	2	2	1	5	1	4	30	
JAK2 exon 12 mutation	2	2	0	3	4	8	0	3	5	2	4	2	35	
JAK2 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
JBEV (JEV Ab)	0	4	0	0	0	0	0	2	0	0	0	0	6	
JCV PCR	0	0	2	0	1	0	1	0	0	1	0	0	5	
Kappa free light chain (serum)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kappa / Lambda Ratio (serum)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kappa free light chain (urine)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kappa / Lambda Ratio (urine)	0	0	0	0	0	0	0	0	0	0	0	0	0	
KIT(C-Kit) mutation	0	0	0	0	0	0	0	1	1	1	0	0	3	
KL-6	66	91	63	11	21.06. 07. SCL->본원 변경									231
Lambda free light chain (serum)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lambda free light chain(urine)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lamotrigine	15	24	20	17	24	21	20	18	25	28	28	33	273	
L-Carnitine	4	2	6	1	3	9	6	4	7	3	2	5	52	
LDH Isoenzyme EP (Serum)	1	1	0	0	0	0	0	0	0	0	0	1	3	
LDH Isoenzyme EP(CSF)	11	10	7	14	8	9	6	7	7	10	6	6	101	
Lead (Pb)	1	3	2	1	4	4	2	3	2	0	1	3	26	
Lecithin/Sphingomyelin Ratio	0	0	0	0	0	0	0	0	0	0	0	0	0	
Legionella culture	0	0	0	0	0	0	1	0	0	0	0	0	1	
Legionella Ab	0	1	0	0	0	0	1	0	0	0	0	0	2	
Leptin(비만)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Leptospira Ab	1	2	0	6	0	4	5	13	44	9	4	0	88	
Levetiracetam	25	31	30	37	25	36	27	15	30	42	44	32	374	
LHON 4종: MTND1, MTND4, MTND6 mutation	1	0	0	0	0	0	0	0	0	0	0	0	1	

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Oxalic acid		0	0	0	0	0	0	0	0	0	0	0	0	0
Oxcarbazepine & metabolites		7	8	8	14	6	5	6	3	6	11	10	4	88
Oxycodone		0	0	1	0	0	0	0	0	0	0	0	0	1
P. falciparum PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
P. malariae PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
P. ovale PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
P. vivax PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
PAI-1		0	1	0	0	1	1	1	3	1	1	0	0	9
Paraneoplastic Ab정량 (MNO titer)		0	0	0	0	0	0	0	0	0	0	0	0	0
Paraneoplastic Ab		6	8	10	6	5	4	7	3	3	4	7	12	75
Paratyphoid A,B		0	1	0	0	0	0	1	0	0	0	0	0	2
Parasite specific Ab		6	6	5	9	15	11	4	9	6	5	4	4	84
Parvovirus B19 Ab IgG		0	0	0	1	1	0	2	2	4	0	1	0	11
Parvovirus B19 Ab IgM		0	1	0	1	1	0	2	2	4	0	1	0	12
Parvo B19 PCR		1	1	1	1	0	0	0	2	2	0	0	0	8
Phenol		0	0	0	0	0	0	0	0	0	0	0	0	0
Phencyclidine		0	0	0	0	0	0	0	0	0	0	0	0	0
Phenobarbital		6	4	4	2	3	2	1	2	1	0	1	3	29
Phenytoin		0	1	3	0	1	1	1	1	0	1	0	0	9
Phospholipid		2	3	5	2	2	1	1	8	0	6	0	32	62
PHTS: PTEN mutation		0	0	0	0	0	0	0	0	0	0	19	0	19
Phytanic acid	21.05.	신설		1	0	0	0	0	0	0	0	0	0	1
PICP		0	0	0	0	0	0	0	0	0	0	0	0	0
PIVKA II		0	0	0	0	0	0	0	0	0	0	0	0	0
PKU: PAH mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Plasma Hb		5	7	2	2	5	7	6	3	11	9	8	3	68
Platelet associated IgG		0	0	0	0	0	0	1	0	1	0	0	0	2
PML-RARA 재배열, 정량		0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumocystis carinii PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
Polyomavirus PCR (BK,JC virus)		0	0	0	0	0	0	0	0	0	0	0	0	0
Pompe: GAA mutatin		0	0	0	0	0	0	0	0	0	0	0	0	0
Pompe병 선별 (α -Glucosidase)		1	4	0	2	4	3	3	3	0	2	0	1	23
Porphobilinogen 정량		0	0	0	2	0	2	2	1	0	0	0	2	9
Porphobilinogen 정성		0	0	0	1	0	0	0	0	0	0	0	0	1
Porphyryn 정성		0	0	0	0	0	0	1	0	0	0	0	0	1
Post-BMT VNTR (외부)		0	0	0	0	0	0	0	0	0	0	0	0	0
Prader-Willi/Angelman: PWCR methylation PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
Prealbumin		2	7	4	12	8	7	5	1	2	4	1	2	55
Pregnanediol (P2)		0	0	0	0	0	0	0	0	0	0	0	0	0
Progesterone		0	0	0	0	0	0	0	0	0	0	0	0	0
ProInsulin		0	0	0	0	0	0	0	0	0	0	0	0	0
Propoxyphene		0	0	1	0	0	0	0	0	0	0	0	0	1
Prostate acid phosphatase (PAP)		0	0	0	0	0	0	0	0	0	0	0	0	0
Prostaglandin E2		0	0	0	0	0	0	0	0	0	0	0	0	0
Protein EP (CSF)		3	0	5	3	3	4	2	1	2	5	3	3	34
PTH-related peptide		4	3	1	1	1	4	1	1	0	2	2	1	21
Pyruvic acid		0	0	0	0	0	0	0	0	0	0	0	0	0
Rabies virus Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
RB1 gene mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Renin (PRA)		33	29	20	43	43	31	33	32	46	36	31	29	406
Rett: MECP2 mutation		0	0	0	1	0	0	0	0	1	1	2	0	5
RNF213, R4810K mutation		0	0	0	0	0	0	0	0	0	0	1	0	1
Rota virus Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Rota virus Ag(Stool)		0	0	0	0	0	0	0	0	0	0	0	0	0
Rubella PCR		0	1	0	1	1	0	0	0	0	0	0	0	3
RUNX1/RUNX1T1(AML1-ETO) 재배열, 정량		0	0	0	0	0	0	0	0	0	0	0	0	0
SARS-CoV-2Ab (N)									2	0	1	0	0	3
SARS-CoV-2Ab (S)									3	0	1	0	0	4
Selenium(Se)		2	1	3	0	2	0	3	0	1	2	1	0	15
Sirolimus		4	7	3	2	4	6	2	4	5	5	3	6	51
SOD1 mutation		1	0	0	0	0	0	0	0	0	0	1	1	3

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Soluble Interleukin 2 receptor		1	2	2	1	1	0	1	1	2	0	0	0	11
Somatomedin-C(IGF-1)		114	130	105	130	146	130	121	104	111	102	132	91	1,416
Spastic paraplegia 4(SPG4): SPAST mutation		1	0	0	1	1	0	0	0	1	0	0	0	4
Spinobulbar muscular atrophy(SBMA): AR mutation		1	0	0	0	1	1	0	0	1	0	2	0	6
SPINK1, PRSS1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Spinocerebellar ataxia (SCA) type 1		1	0	2	2	2	2	1	0	0	1	1	0	12
Spinocerebellar ataxia (SCA) type 17		21.08.신설				1	0	0	0	0	1	1	0	3
Spinocerebellar ataxia (SCA) type 2		1	0	2	2	2	2	1	0	0	1	1	0	12
Spinocerebellar ataxia (SCA) type 3		1	0	2	2	2	2	1	0	0	1	1	0	12
Spinocerebellar ataxia (SCA) type 6		1	0	2	2	2	2	1	0	0	1	1	0	12
Spinocerebellar ataxia (SCA) type 7		1	0	2	2	2	2	1	0	0	1	1	0	12
Spinocerebellar ataxia (SCA) type 8		1	0	2	2	2	2	1	0	0	1	1	0	12
Spinal muscular atrophy: SMN-T, N1P deletion		0	0	0	0	0	0	0	0	0	0	0	0	0
STD 12 Multiplex Real-time PCR		5	1	0	3	6	5	3	6	2	2	2	1	36
Stone analysis		0	0	0	0	0	0	0	0	0	0	1	0	1
Succinylacetone(SUAC)		0	0	0	0	0	0	0	0	0	0	0	0	0
T.pallidum PCR		1	0	1	1	1	0	0	0	0	0	0	0	4
TsUptake		5	2	7	1	3	1	3	1	0	4	1	2	30
TBEV (신종전염병 증후군)		0	0	0	0	0	0	0	0	0	0	0	0	0
TBPE (Terabromophenylethylene)		0	0	0	0	0	0	0	0	0	0	0	0	0
Testosterone, free		21	17	18	17	30	25	21	20	19	20	34	18	260
TH resist: THRB mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Theophylline (AMP, AS-contin)		0	0	0	0	0	0	0	0	0	0	0	0	0
Thrombophilia: Protein C muta.		0	0	0	0	0	0	0	0	0	0	0	0	0
Thyroxin binding globulin (TBG)		0	0	0	1	0	0	0	0	0	0	0	0	1
Tobramycin		0	0	0	0	0	0	0	0	0	0	0	0	0
Topiramate		10	15	14	16	2	6	8	10	8	12	8	8	117
Total Galactose		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lipid		0	0	0	0	0	0	0	0	0	0	0	0	0
Toxocara canis IgG		3	6	4	6	7	8	3	7	2	2	3	7	58
Toxoplasma IgG		8	9	18	7	7	10	6	11	5	10	4	11	106
Toxoplasma DNA PCR		0	1	1	0	4	0	0	0	0	0	0	0	6
TPA (Tissue polypeptide Ag)		0	0	0	0	0	0	0	0	0	0	0	0	0
t-PA (Tissue plasminogen activator)		0	0	0	0	0	0	0	0	0	0	0	0	0
TPLA 정밀		0	0	1	0	1	1	1	0	0	1	0	0	5
Transferrin		0	0	0	0	0	0	0	0	0	0	0	0	0
Treacher-Collins: TCOF1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Trypsin		0	0	0	0	0	0	0	0	0	0	0	0	0
Tuberous Sclerosis: TSC2 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Tuberous Sclerosis: TSC1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
UA. Iodide		0	0	0	0	0	0	0	0	0	0	0	0	0
V.W.F activity		0	0	0	0	0	0	0	0	0	0	0	0	0
V.W.F multimer		0	0	0	0	0	0	0	0	0	0	0	0	0
Very long chain fatty acid		0	0	2	1	0	0	0	0	1	1	0	0	5
Vitamin B1		13	7	6	7	10	6	6	5	7	10	9	12	98
Vitamin B2		1	1	1	1	1	3	0	1	1	2	2	2	16
Vitamine B6 분획		2	1	1	2	2	3	1	1	1	2	2	4	22
Vitamin E 분획		12	9	10	8	12	9	9	8	7	11	12	13	120
VMA 정량		9	14	3	11	15	12	5	10	12	6	7	6	110
von Hippel Lindau: VHL mutation		0	0	0	0	0	0	0	1	0	0	0	0	1
VZV IgG		0	0	0	0	0	0	0	0	0	0	0	0	0
VZV IgM		0	0	0	0	0	0	0	0	0	0	0	0	0
VZV PCR		11	9	5	17	9	10	8	4	8	10	2	3	96
Wade's stain		0	0	0	0	0	0	0	0	0	0	0	0	0
Warfarin 약물유전 (CYP2C9, VKORC1)		0	0	0	0	0	0	0	0	0	0	0	0	0
WAS-related ds: WAS mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
West Nile virus		0	0	0	0	0	0	0	0	0	0	0	0	0
Wilson: ATP7B major mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Wilson: ATP7B mutation		0	0	0	0	0	0	0	0	1	0	0	0	1
XLA: BTK mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Y Chromosome PCR (SRY gene)		0	0	0	0	0	0	0	0	0	0	0	0	0

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Yersinia Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Zinc (Zn)		2	4	3	0	4	0	2	0	1	2	1	1	20
α1-Acid glycoprotein		0	0	0	0	0	0	0	0	0	0	0	0	0
α1-antitrypsin		0	0	0	0	0	0	0	0	0	0	0	0	0
α-galactosidase activity (Fabry D.)		0	0	0	0	0	0	0	0	0	0	0	0	0
α-glucosidase activity (Pompe D.)		0	0	0	0	0	0	0	0	0	0	0	0	0
β-glucosidase activity (Gaucher D.)		0	0	0	0	0	0	0	0	0	0	0	0	0
(녹십자외부의리)														
Total procedure		570	606	600	642	618	546	541	572	671	631	618	530	7,145
Total patient		472	497	474	525	523	455	450	503	538	561	546	461	6,005
(백신관련) PF4 항체			21.06. 신설			3	0	2	2	1	0	0	0	8
◆ Allergen ◆		0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Drugs ◆		0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Foods ◆		0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Fugus/Animal/Mites ◆		0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Grass/weed ◆		0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Insects/Venom ◆		0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Occupational ◆		0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Tree ◆		0	0	0	0	0	0	0	0	0	0	0	0	0
2019-nCoV (상기도 PCR)		0	0	0	0	0	0	0	0	0	0	0	0	0
5-HIAA 정량(Plasma)		4	1	1	2	1	1	3	4	11	10	4	6	48
결핵약제(RMP/INH) 내성검사		6	15	14	15	12	8	8	11	2	8	10	3	112
글리백 내성 유전자 돌연변이		2	1	1	0	0	2	0	1	2	1	0	0	10
미세결실증후군(MLPA)		0	0	0	0	0	0	0	0	0	0	0	0	0
비유전성 혈액암검사		0	0	0	0	0	0	0	0	0	0	0	0	0
약물유전체검사		0	0	0	0	0	0	0	0	0	0	0	0	0
유전성 유전자검사 (level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
유전성 유전자검사 (level II)		0	0	0	0	0	0	0	0	0	0	0	0	0
전자간증 위험도 (sFlt-1/PIGF ratio)		3	2	0	1	2	0	1	2	0	1	2	6	20
A405-PRA Screening Class I		0	0	0	0	0	0	0	0	0	0	1	9	10
A406-PRA Screening Class II		0	0	0	0	0	0	0	0	0	0	1	9	10
Abalone (F346)		1	0	1	0	0	0	0	0	1	1	0	1	5
Acarus siro (D70)		0	0	0	0	0	0	0	0	0	0	0	0	0
Activated protein C resistant test		0	1	0	0	1	0	1	2	0	1	1	0	7
ADAMTS13 activity [ELISA]		1	2	3	2	3	5	4	3	3	4	2	3	35
Adenovirus IgG		0	0	0	1	0	0	0	0	0	0	0	0	1
Adenovirus IgM		0	0	0	1	0	0	0	0	0	0	0	0	1
Adrenal 21-hydroxylase Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Aedes communis(Mosquito) (I71)		0	0	0	2	2	0	0	0	0	0	0	0	4
Almond(F20).		0	0	4	3	3	0	3	2	3	1	1	2	22
Alpha-gal (0215)		1	0	0	2	1	2	1	0	0	0	1	1	9
ALS: SOD1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
American beech (T5)		0	0	1	0	0	0	0	0	0	0	0	2	3
AMH(Anti-Mullerian hormone)		57	45	52	50	71	59	56	39	58	58	61	45	651
Amoxicilloyl (C6).		2	5	2	2	1	7	2	2	3	1	3	3	33
Ampicilloyl (C5).		2	4	1	2	1	5	2	3	3	1	3	3	30
Amyloidosis: TTR mutation		0	0	0	0	0	0	0	0	1	0	0	0	1
Anaplasmosis		0	0	0	0	0	0	0	0	0	0	0	0	0
Anchovy(RF313).		1	0	1	0	1	0	0	0	1	1	0	0	5
Anisakis (P4)		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti gastric parietal Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti intrinsic factor Ab		0	0	0	0	0	0	0	0	2	0	0	1	3
Anti Mitochondria M2 Ab		0	0	0	0	1	0	0	0	1	0	0	0	2
Anti - RNA polymerase 3Ab		0	0	0	0	2	3	2	0	1	1	0	2	11
Apple (F49)		0	0	2	1	0	0	1	3	1	0	0	0	8
Arylsulfatase A		0	0	1	0	1	0	0	0	0	0	0	0	2
Aspergillus fumigates (M3)		3	1	1	1	1	1	2	4	2	0	2	1	19
Banana (F92)		0	0	0	0	0	0	1	1	0	0	0	0	2
Barley (F6)		0	0	0	0	0	1	0	0	0	0	1	1	3
BCR-ABL1 재배열, 정량 (Major)		29	17	27	24	29	20	19	33	28	26	26	34	312
Beef (F27).		1	4	1	3	2	0	2	0	1	2	2	0	18

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Bermuda grass (G2)		0	0	0	1	0	0	0	0	1	0	0	0	2
Birch IgG4 (T3)		2	3	4	5	4	3	2	2	1	1	1	1	29
BHD: FLCN variant		1	0	0	0	0	0	0	0	0	0	0	0	1
Black Pepper(F280).		0	0	0	0	0	0	0	0	0	0	0	0	0
Blue Mussel (F37).		1	0	0	1	0	0	0	0	1	1	1	0	5
Blueberry (RF288)		0	0	1	0	0	0	0	0	1	0	0	0	2
Box elder (T1)		0	1	0	1	0	0	0	0	0	0	0	0	2
BRCA1 del/dup (MLPA)		0	0	0	0	0	0	0	0	0	0	0	0	0
BRCA2 del/dup (MLPA)		0	0	0	0	0	0	0	0	0	0	0	0	0
Buckwheat (F11)		0	0	0	0	0	0	0	0	0	0	0	0	0
C1q		0	0	0	0	1	0	3	2	1	1	1	3	12
CALR mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Candida albicans (M5)		0	0	0	0	0	0	0	0	0	0	0	0	0
Carrot(F31)		0	0	0	0	0	0	0	0	0	0	0	0	0
Casein (F78)		1	7	4	4	4	4	1	0	4	0	3	2	34
Casein IgG4 (F78)		1	6	3	2	3	4	1	0	3	0	3	2	28
Cashew nut (F202)		2	0	0	1	1	0	1	0	1	0	1	0	7
CDI(Carbohydrate deficient transferrin)		0	0	0	0	0	0	0	0	0	0	0	0	0
Cefaclor (C7).		3	6	2	2	3	6	4	4	4	6	2	2	44
Celery (F85)		0	0	0	0	0	0	0	0	0	0	0	0	0
Cheese mold (F82)		0	0	0	0	0	0	0	0	0	0	0	1	1
Cheese, cheddar (F81)		0	0	0	0	0	0	0	0	0	0	0	1	1
Cherry(F242)		0	0	0	0	0	0	0	0	0	0	0	0	0
Chicken meat (F83)		0	0	0	0	0	0	0	0	0	0	0	0	0
Chikungunya virus PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
Chili Pepper (RF279)		0	0	0	0	0	0	1	0	0	1	0	0	2
Chromosome + CMA (Amn.F)		0	0	0	0	0	0	1	0	0	0	1	0	2
Chromosome analysis Cord blood		0	0	0	0	1	0	0	0	1	1	1	0	4
Chub mackerel (F50)		0	0	0	0	0	0	0	0	0	0	0	0	0
Cladosporium herbarum (M2)		0	0	0	0	0	0	0	0	0	0	0	0	0
Clam (F207).		3	0	1	2	0	1	0	1	1	2	1	1	13
Clonazepam		0	2	4	0	3	0	1	0	2	2	1	0	15
CMA (Amn.F)		0	1	0	0	0	0	0	0	0	0	0	0	1
CMA (Blood)		4	2	2	3	1	3	6	1	3	4	4	4	37
CMA (Cord blood)		0	0	0	0	0	0	0	1	0	0	0	0	1
CMA (Other)		0	0	0	0	0	0	0	0	0	0	0	0	0
CMV PCR (Real-time)		0	0	0	0	0	0	0	0	0	0	0	0	0
Cobalt (Co)		0	0	0	0	0	0	0	0	0	0	0	0	0
Coffee (RF221)		0	0	0	0	0	0	0	0	0	0	0	0	0
Common birch silver (T3)		0	0	0	0	0	0	0	0	0	0	0	0	0
Common wasp (I3)		0	0	0	1	0	0	0	0	0	0	0	0	1
Corn/Maize (F8)		0	0	0	0	0	0	1	0	0	0	0	0	1
Crab (F23)		0	0	0	0	0	0	0	0	0	0	0	0	0
Cucumber(F244)		0	0	0	2	0	0	1	1	0	0	0	0	4
Curry (RF281)		1	0	0	0	0	0	0	0	0	0	0	0	1
CYP2C9 major polymorphism		0	0	0	0	0	1	0	0	0	0	0	0	1
CYP2C19 major polymorphism		0	0	0	0	0	2	0	0	0	1	0	0	3
Dermatophagoides farinae IgG		9	8	9	12	11	6	4	5	6	4	5	3	82
Dermatophagoides pteronyssinus		9	8	7	11	10	6	4	5	7	4	5	3	79
DHEA		0	0	0	0	0	0	0	0	1	1	0	0	2
Drug Set		0	0	0	0	0	0	0	0	0	0	0	0	0
EGFR mutation (cell-free DNA)		1	2	1	4	3	3	3	4	1	3	1	1	27
Egg white IgG4 (F1)		2	7	9	6	3	3	3	2	6	4	6	4	55
Egg yolk (F75).		2	8	8	5	3	2	2	2	6	4	4	2	48
Elm (T8)		0	0	0	0	0	0	0	0	0	0	0	0	0
EOFAD; PSEN1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Epimerase		0	0	0	0	0	0	0	0	0	0	0	0	0
Estriol(E3)		0	0	0	0	0	0	0	0	0	0	0	0	0
Estron (E1, 불임관련)		0	0	0	0	0	0	0	0	0	0	0	0	0
Everolimus(Certican)		8	8	13	4	20	9	7	20	12	14	12	9	136

검사별	월별	2021년										2022년		계	
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
Fabry 유전자검사(이수)	21.08. 신설										0	0	0	0	0
Fabry 효소검사(이수)											1	0	0	0	1
Factor II	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
Factor V	0	0	0	0	0	0	1	0	1	2	2	2	0	8	
Factor VII	1	0	0	0	0	0	0	0	0	0	0	1	0	2	
Factor VIII inhibitor Ab	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
Factor VIII related Ag	0	0	1	2	0	0	0	0	0	0	0	0	1	4	
Factor X	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
Factor XI	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
Factor IX inhibitor Ab	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
Factor X II	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Factor V Leiden Mutation	1	8	1	2	0	3	5	3	4	6	2	3		38	
Familial mutation (NGS용)	0	0	0	0	2	0	0	0	2	2	2	0		8	
Fecal Calprotectin 정량	54	45	37	49	46	48	36	54	49	37	50	36		541	
Fire ant (I70)	0	0	0	3	0	0	0	0	0	0	0	0	0	3	
First double marker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FISH: ETV6/RUNX1(TEL/AML), t(12:21)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FISH: IGH/FGFR3, t(4:14)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FISH: IGH/CCND1, t(11:14)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FISH: IGH/MAF, t(14:16)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FISH: TP53, 17p13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Food Set 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Formaldehyde/Formalin (K80)	0	0	0	0	1	0	0	0	0	0	0	0	0	1	
Fusarium proliferatum (M9)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G-1-P uridylyltransferase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Galactokinase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Galactose-1-phosphate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Garlic (F47).	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gelatin bovine (C74)	1	0	0	0	0	1	1	0	0	1	0	0	0	4	
Gene study for Lysosomal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ginger (RF270).	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gluten (F79)	0	0	3	2	0	4	2	0	2	1	0	0	0	14	
Gluten IgG (F79G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Grapefruit (F209)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Grass mix(GX2)	17	8	8	6	6	6	5	6	8	8	1	3		82	
Green Pepper (RF263).	0	0	0	0	0	0	1	0	0	1	0	0	0	2	
Grey alder (T2)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Growth hormone (Urine)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Guinea pig epithelium (E6)	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
GX3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H.Pylori Ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Factor IX	0	0	0	0	0	0	0	0	1	0	1	0	0	2	
Hamster epithelium(E84)	0	0	0	0	1	0	0	0	0	0	0	0	0	1	
Hantaan virus Ab 정량	0	0	1	0	1	2	1	2	10	1	0	0	0	18	
Hazel nut (F17)	1	0	2	1	2	0	1	1	1	2	2	0	0	13	
Hazel (T4)	0	1	2	0	0	0	0	0	1	0	0	2	0	6	
Hemochromatosis: C282Y/H630	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEV IgM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hexosaminidase A assay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hexosaminidase A/B	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
Hexosaminidase B assay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HLH: PRF1 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HLH: UNC13D mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HNPP: PMP22 del/dup	0	1	2	1	2	0	1	1	0	2	0	1		11	
Honeybee venom (I1)	0	0	0	2	0	0	0	0	0	0	0	0	0	2	
HPV Probe(HCS)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HPV Probe(Low risk)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HSP: SPAST mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HTLV- I .II Ab (CSF)	8	11	3	14	6	11	5	5	4	6	3	4		80	
Human herpesvirus type 6 PCR	0	2	0	0	1	0	1	1	2	0	1	0	0	8	
Humulus japonicus (W22)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Hydroxyproline, Total		0	0	0	0	0	0	0	0	0	0	0	0	0
Inhalant Set 3		0	0	0	0	0	0	0	0	0	0	0	0	0
Inhalant Set 2		0	0	0	0	0	0	0	0	0	0	0	0	0
Insuline human (C73).		0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Test(1차)		0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Test(2차)		0	0	0	0	0	0	0	0	0	0	0	0	0
Isocyanate TDI (K75).		0	0	0	0	0	0	0	0	0	0	0	0	0
Isocyanate MDI (K76).		0	0	0	0	0	0	0	0	0	0	0	0	0
Japanese Cedar (T17)		0	0	0	0	0	0	0	0	0	0	0	0	0
Kiwi fruit (F84)		1	0	0	0	7	1	1	0	0	1	2	1	14
KONOS 등록 검체		6	10	12	8	8	6	8	7	10	4	10	22	111
Lamb's quarters (W10)		0	0	0	0	0	0	0	0	0	0	0	0	0
Latex(Brazilian rubber tree) (K82)		0	0	0	0	0	0	0	0	0	0	0	0	0
Leptin(비만)		0	0	0	0	0	0	0	0	0	0	0	0	0
Leptospira Ab 정량 (MAT)		0	0	1	0	0	2	2	1	10	0	0	0	16
Lipoprotein EP		1	0	0	0	0	0	0	0	0	0	1	0	2
Lobster (F80).		1	1	1	1	0	0	1	0	1	2	0	0	8
Long QT Syndrome: KCNH2 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Long QT Syndrome: KCNQ1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Long QT Syndrome: SCN5A mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Macadamia nut (RF345)		1	0	0	0	1	0	1	0	1	0	0	1	5
Mango (F91)		1	1	0	0	0	0	1	0	0	0	1	1	5
Maple leaf sycamore (T11)		0	0	0	0	0	0	0	0	0	0	0	0	0
Maternal Serum AFP(MS-AFP)		2	6	2	3	5	1	4	5	3	5	2	4	42
Meadow fescue (G4)		0	0	0	0	0	0	0	0	0	0	0	0	0
MERS-CoV 유전자 검사		0	0	0	0	0	0	0	0	0	0	0	0	0
Mix tree pollen (Tx5)		0	0	0	0	0	0	0	0	0	0	0	0	0
Molds & Yeasts mix(Mx1)		14	4	6	4	2	3	4	3	5	7	2	2	56
Molds & Yeasts (Mx2)		0	0	0	0	0	0	0	0	0	0	0	0	0
Mountain juniper (T6)		0	0	0	0	0	0	0	0	0	0	0	1	1
MPL gene W515 mutation		0	0	0	1	0	0	0	1	2	0	0	0	4
MPS I screening (Hurler D.)		0	0	0	0	0	0	0	0	0	0	0	0	0
MPS II screening (Hunter D.)		0	0	0	0	0	0	0	0	0	0	0	0	0
MPS I & II screening		0	0	0	0	0	0	0	0	0	0	0	0	0
Mucopolysaccharide 선별		0	0	0	0	0	0	0	0	0	0	0	0	0
Mucor racemosus (M4)		0	0	0	0	0	0	0	0	0	0	0	0	0
Murgwort (W6)		0	2	1	2	2	1	1	1	2	0	0	0	12
Mushroom (F212)		0	0	0	0	0	1	0	0	0	0	0	0	1
Mutton (F88)		0	0	0	0	1	0	0	0	0	0	1	0	2
Mycoplasma pneumonia IgG		6	6	14	4	6	8	5	7	6	11	4	7	84
Nettle (W20)		0	0	0	0	0	0	0	0	0	0	0	0	0
Neurofibromatosis2: NF2 mutation		0	1	0	0	0	0	0	0	0	0	0	0	1
Neurofibromatosis1: NF1 mutation		0	0	1	0	0	0	0	0	0	0	0	0	1
NGS-Alport Syndrome (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-AML (level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Arrhythmia (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Ataxia (Level I)		0	0	1	0	2	0	0	0	0	0	0	0	3
NGS-Atypical HUS (Level I)		1	0	2	1	0	0	0	0	0	1	0	1	6
NGS-Cardiomyopathy (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Charcot-Marie-Tooth disease (Level II)		0	0	1	0	1	1	0	0	0	0	0	0	3
NGS-Coagulation (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Congenital adrenal hyperplasia (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Connective tissue disorder (Level I)		0	0	0	0	0	1	0	1	0	0	0	0	2
NGS-Dermatology (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Dystonia		0	0	0	0	0	0	0	0	0	0	1	0	1
NGS-Epilepsy (Level I)		0	3	2	0	0	0	1	3	0	2	0	0	11
NGS-Hearing loss (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Hereditary autism (Level I)		1	0	0	0	0	0	0	0	0	0	0	1	2
NGS-Hereditary cancer I		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Hereditary cancer II		1	0	0	0	0	0	0	0	1	0	0	0	2
NGS-Hereditary cancer syndrome 21 (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
NGS-Hereditary cancer syndrome 23 (Level I)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Hereditary retinopathy (Level I)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Hereditary spastic paraplegia (Level I)	0	0	0	0	0	0	0	0	1	0	0	0	0	1
NGS-Hereditary stroke (Level I)	1	1	1	3	0	0	0	5	3	1	1	2	18	
NGS-Hypothyroidism (Level I)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Inborn error of metabolism (Level I)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Lysosomal storage disease (Level I)	0	0	1	0	0	0	0	0	1	0	1	0	3	
NGS-MDS/MPN (level I)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Mitochondrial DNA (Level I)	0	0	0	0	1	0	0	0	0	0	0	0	1	
NGS-MODY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Muscular dystrophy (Level I)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Myopathy (Level I)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Nerodegenerative disease (Level I)	1	0	0	0	0	1	1	0	0	0	0	0	3	
NGS-Neuroendocrine tumor	0	0	1	0	1	0	0	1	1	0	0	0	4	
NGS-Parkinson's disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Polycystic Kidney Disease (Level I)	0	0	0	1	0	1	0	0	0	1	0	0	3	
NGS-Primary immune deficiency (Level I)	0	1	0	0	0	0	0	0	0	0	0	0	1	
NGS-Proportionate short stature (Level I)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Rasopathies (Level I)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Retinitis pigmentosa (Level II)	0	0	0	0	0	0	0	0	0	0	1	0	1	
NGS-Sexual development disorder (Level I)	0	0	0	1	0	0	0	0	0	0	0	0	1	
NGS-Skeletal dysplasia (Level I)	0	0	0	1	0	0	1	0	0	0	0	0	2	
NGS-Solid cancer, cell-free DNA (Level II)	1	2	0	0	4	2	1	1	0	2	0	1	14	
Nicotine Metabolite	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NIPS	3	3	4	3	0	0	2	2	6	4	2	0	29	
O.tsutsumugamushi Ab 정량	0	0	0	2	0	5	2	3	18	2	1	0	33	
Oak (T7)	1	3	7	3	3	2	3	1	2	1	0	2	28	
Oak IgG4 (T7).	0	1	1	2	2	2	2	1	2	1	0	0	14	
Oat (F7)	0	0	0	0	0	0	1	0	0	0	0	0	1	
Octopus (F59)	2	0	0	1	0	0	0	0	1	2	0	0	6	
Omega-5-gliadin (F416)	2	1	4	3	2	5	3	0	2	1	2	3	28	
Orange (F33)	0	0	0	0	0	0	0	0	0	1	0	1	2	
Orchard grass (G3)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ovalbumin (F232)	0	2	2	3	1	1	1	1	4	2	0	1	18	
Ovomucoid (F233)	2	4	7	5	3	3	2	2	7	4	2	4	45	
Ovomucoid IgG4 (F233)	2	4	7	5	3	2	2	2	6	4	3	3	43	
Ox-eye daisy (W7)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oyster (F290).	2	0	1	2	0	0	0	0	1	0	0	0	6	
Pacific squid (F58)	1	0	0	2	0	0	0	0	1	2	1	0	7	
Paper wasp venom (I4)	0	0	0	2	0	0	0	0	0	0	0	0	2	
Paraquat(Gramoxone)	0	0	0	1	0	0	0	0	0	0	0	0	1	
PARK2 mutation	0	0	0	0	0	0	0	1	0	0	0	0	1	
Peach (F95)	0	0	1	2	1	4	1	2	2	1	0	0	14	
Peanut IgG4 (F13).	1	1	2	1	3	1	0	3	3	1	1	1	18	
Penicilloyl G (C1).	3	7	3	2	1	7	5	3	3	3	3	3	43	
Penicilloyl V (C2).	3	7	3	2	1	7	5	3	3	3	3	3	43	
Penicillium notatum (M1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perennial rye (G5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phadiatop immuno CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pine nuts(F253).	0	0	1	1	1	0	1	1	0	0	2	1	8	
Pineapple (F210)	0	1	0	0	0	0	1	0	0	0	0	0	2	
Pistachio (F203)	0	0	0	0	0	0	1	0	1	0	1	0	3	
PML-RARA 재배열, 정량	4	4	3	0	1	0	3	3	2	1	0	1	22	
Pneumocystis carinii PCR	43	71	53	64	57	45	47	54	32	29	29	32	556	
Pork (F26)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Potato (F35)	0	1	1	0	0	0	0	0	0	0	0	1	3	
Protein C Ag	5	7	6	3	6	5	13	8	5	4	8	3	73	
Protein S Ag, total	5	6	6	3	6	4	13	6	5	5	9	2	70	
Protein S Ag, free	4	5	6	3	5	5	10	6	2	3	6	2	57	
Protein C activity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protein S activity	45	31	28	45	32	36	32	49	39	48	43	24	452	

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Prothrombin G20210A: F2 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Pyruvic acid		8	14	16	15	18	19	22	10	13	8	12	8	163
Quad test		0	0	0	1	1	0	0	0	0	0	0	0	2
R. typhi 정량 (Murine typhus)		0	0	0	0	0	0	0	1	2	0	0	0	3
Rabbit epithelium (E82)		0	0	0	0	0	0	0	0	0	0	0	0	0
rAra h 2 Peanut IgG4(F423)		0	0	0	1	0	0	0	1	0	0	0	0	2
rBet v 1 PR-10, Birch IgG4 (T215)		0	0	0	0	0	0	0	1	0	0	0	0	1
Ribosomal P Ab		0	2	1	2	3	5	2	1	0	2	1	3	22
Rice (F9)		0	1	0	0	0	0	1	0	0	0	0	0	2
rPen a 1 Tropomyosin, Shrimp (F351)		1	0	0	0	0	0	0	0	0	0	0	1	2
RUNX1/RUNX1T1(AML1-ETO) 재배열, 정량		0	1	0	0	1	0	0	1	1	0	0	0	4
Rye (F5)		0	0	0	0	0	1	0	0	0	0	0	0	1
Salmon (F41)		1	0	1	0	1	0	1	0	0	0	0	1	5
Scallops (F338)		2	0	1	0	0	0	0	0	1	0	0	1	5
Sequential Test(1차)		5	6	4	1	5	4	5	9	5	3	4	5	56
Sequential Test(2차)		7	6	5	4	2	5	2	7	7	3	2	5	55
Serotonin		0	0	0	0	1	0	1	1	0	0	0	1	4
Sesame seed (F10)		0	0	0	0	0	0	0	0	0	0	0	0	0
SFTS(중증열성혈소판감소증후군)		0	4	0	4	1	1	3	12	44	9	3	0	81
Short common ragweed (W1)		2	3	5	5	5	1	3	1	2	1	0	0	28
Shrimp (F24)		0	0	0	0	0	0	0	0	0	0	0	0	0
Squid(F258)		1	0	0	0	1	0	0	0	0	1	0	2	5
SRP auto Ab		0	0	0	0	1	0	0	0	0	0	0	0	1
β-D-Glucan		44	57	62	63	66	42	52	50	57	129	158	103	883
Staphylococcal enterotoxin A (M80)		0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcal enterotoxin B (M81)		0	0	0	0	0	0	0	0	0	0	0	0	0
Stone analysis (함량보고)		21	20	18	18	14	18	14	14	21	24	11	8	201
Strawberry (F44)		1	1	0	0	0	0	0	0	1	0	1	0	4
TCR gamma 재배열		1	1	2	2	0	0	2	0	0	0	0	1	9
Thrombin time		0	0	0	1	0	0	1	0	0	0	1	0	3
Thyroid stimulating Ab (TS Ab)		25	19	18	23	12	16	12	19	16	27	12	13	212
Timothy (G6)		0	0	0	0	0	0	0	1	1	0	0	0	2
Tomato (F25)		0	1	1	2	1	0	2	0	0	0	1	0	8
Toxocariosis		0	0	0	0	0	0	0	0	0	0	0	0	0
Toxoplasma DNA PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
TPMT major polymorphism		0	1	0	4	0	1	3	0	1	0	2	0	12
Tree pollen Mix(Tx9)		20	8	9	9	10	8	5	7	10	8	2	3	99
Triple test		0	0	0	0	0	0	0	0	0	0	0	0	0
Tryptase		11	8	8	11	11	6	5	8	5	6	5	7	91
Tuna (F40)		2	0	1	0	0	0	1	0	0	1	0	1	6
TX6		0	0	0	0	0	0	0	0	0	0	0	0	0
Tyrophagus putrescetae (D72)		0	0	0	0	0	0	0	0	0	0	0	0	0
V.W.F activity		0	1	1	3	1	0	0	0	1	1	0	1	9
VEGF		0	0	0	0	0	0	0	0	0	0	0	1	1
Voriconazole		0	2	1	5	7	5	6	1	4	6	15	9	61
Walnut (F256)		0	0	0	0	0	0	0	0	0	0	0	0	0
Weed Mix (Wx1)		0	0	0	0	0	0	0	0	0	0	0	0	0
Weed Mix (Wx5)		0	0	0	0	0	0	0	0	0	0	0	0	0
Wheat IgG (F4G)		0	0	0	0	0	0	0	0	0	0	0	0	0
White ash (T15)		0	0	0	0	0	0	0	0	0	0	0	0	0
White-face hornet venom (I2)		0	0	0	2	0	0	0	0	0	0	0	0	2
Willow (T12)		0	0	1	0	0	0	0	1	1	0	0	1	4
Yeast(F45)		0	0	0	0	0	0	0	0	0	0	0	0	0
Yellow fever virus Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Yellow fever virus PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
Yellow hornet venom (I5)		0	0	0	2	0	0	0	0	0	0	0	0	2
Zellweger:PEX1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Zika virus (PCR, 급여)		0	0	0	0	0	0	0	0	0	0	0	0	0
Zika virus (PCR, 임신부)		0	0	0	0	0	0	0	0	0	0	0	0	0
Zika virus (PCR, 비급여)		0	0	0	0	0	0	0	0	0	0	0	0	0
Zonisamide		3	1	3	5	5	4	0	2	2	2	1	1	29

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
α1- antitrypsin clearance	0	0	0	0	0	0	0	0	0	0	0	0	0	0
α-Galactosidase	0	0	0	0	0	0	0	0	0	0	0	0	0	0
α-galactosidase activity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
α-glucosidase activity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
α-lactalbumin (F76)	0	4	4	4	3	2	1	0	3	0	1	1	23	
β-glucosidase activity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
β-lactoglobulin (F77)	0	4	4	4	2	2	0	0	3	0	1	1	21	
(부산백외부의뢰)														
Total procedure	253	356	327	337	365	324	305	213	295	300	189	149	3,413	
Total patient	251	297	320	315	401	314	293	209	284	293	182	151	3,310	
25-OH Vit.D3	83	103	77	94	118	75	86	58	76	56	51	40	917	
Aldosterone	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amikacin	1	0	0	1	3	0	0	0	0	0	4	2	11	
ANCA 정성	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti CCP Ab	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Cardiolipin Ab IgG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Cardiolipin Ab IgM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Mitochondrial Ab	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Smooth Muscle Ab	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Liver KidneyMicrosomal Ab	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Mitochondrial Ab titer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Smooth Muscle Ab titer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Parietal cell Ab	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Parietal cell Ab titer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti ENA Ab Group	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aspergillus Ag(Galactomannan)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buckwheat (F11)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carbamazepine (Tegretol)	3	2	2	1	1	0	3	1	1	1	1	1	17	
Carbamazepine-epoxide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chicken meat (F83)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chub mackerel (F50)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C-Peptide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crab (F23)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cystatin C	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D000-◆ 단백질소분획검사 ◆	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D001-Protein EP (Serum)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D002-Protein EP (24hr Urine)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D004-Immunoelectrophoresis (Serum)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D005-Immunoelectrophoresis (24hr Urine)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D019-Valproic acid (Orfil. Depakin)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D020-Vancomycin	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digoxin (DGX)	10	14	11	7	11	8	12	8	10	7	7	5	110	
EBV profile	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food set 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Free Phenyton	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gentamicin	0	0	0	0	0	0	0	1	0	0	0	0	1	1
Growth hormone (Serum)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HSV IgM (H.Simplex virus)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Humulus japonicus (W22)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IGF-BP3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IGRA(결핵균특이항원자극 INF-R 검사)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Imipramine & Desipramine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles IgG	12	7	12	10	13	23	9	10	10	18	21	15	160	
Mercury (Hg)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Methotrexate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mix tree pollen (Tx5)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mycoplasma pneumonia IgM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Netilmicin (Akocin)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NGAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NK 세포활성 자극 인터페론감마	0	128	104	95	81	89	83	51	79	107	21.12.20	부산백병원 변경	817	
Phenobarbital	0	0	0	0	0	0	0	0	0	0	0	0	0	0

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Phenytoin (Dilantin.DLT)		0	0	0	0	0	0	0	0	0	0	0	0	0
Pork (F26)		0	0	0	0	0	0	0	0	0	0	0	0	0
Progesterone		25	14	14	18	25	21	19	20	18	18	16	8	216
Quantiferon-TB		0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp (F24)		0	0	0	0	0	0	0	0	0	0	0	0	0
Somatomedin-C (IGF-1)		0	0	0	0	0	0	0	0	0	0	0	0	0
T309-Ig E		0	0	0	0	0	0	0	0	0	0	0	0	0
T321-HAV IgG		0	0	0	0	0	0	0	0	0	0	0	0	0
T323-HBc Ab IgG		0	0	0	0	0	0	0	0	0	0	0	0	0
T324-HBc Ab IgM		0	0	0	0	0	0	0	0	0	0	0	0	0
T325-HBe Ag		0	0	0	0	0	0	0	0	0	0	0	0	0
T326-HBe Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
T359-PSA, free		7	2	4	0	0	1	2	1	0	0	1	2	20
T418-Estradiol (E ₂)		0	0	0	0	0	0	0	0	0	0	0	0	0
T419-FSH		0	0	0	0	0	0	0	0	0	0	0	0	0
T420-LH (Luteinizing hormone)		0	0	0	0	0	0	0	0	0	0	0	0	0
T421-Prolactin		0	0	0	0	0	0	0	0	0	0	0	0	0
T422-Testosterone		0	0	0	0	0	0	0	0	0	0	0	0	0
T433-CMV IgM		0	0	0	0	0	0	0	0	0	0	0	0	0
TDM 자문		0	0	0	0	0	0	0	0	0	0	0	0	0
TDM 자문 (2종이상)		0	0	0	0	0	0	0	0	0	0	0	0	0
Theophylline (AMP.AS-contin)		0	0	0	0	0	0	0	0	0	0	0	0	0
TSH Receptor Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Weed Mix (Wx5)		0	0	0	0	0	0	0	0	0	0	0	0	0
C.difficile culture		46	31	39	37	34	34	27	14	43	32	34	32	403
Rota virus Ag (Stool)		0	0	0	0	0	0	0	0	0	0	0	0	0
결핵약제(RMP/INH) 내성검사		0	0	0	0	0	0	0	0	0	0	0	0	0
세균동정 (염기서열분석)		0	0	0	0	0	0	0	0	0	0	0	0	0
ABO Genotyping (Sequencing)		1	0	0	0	0	0	0	0	0	1	1	0	3
C.trachomatis(DNA probe)		0	0	0	0	0	0	0	0	0	0	0	0	0
CMV PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
BKV 정량 (real-time PCR)		15	10	16	12	16	17	19	9	12	10	10	12	158
CALR mutation		0	1	0	2	5	2	2	3	2	4	3	3	27
EBV 정량 (rela-time PCR)		0	0	0	0	0	0	0	0	0	0	0	0	0
DSA(Class I.II)		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: BCR/ABL1, t(9:22)		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: RUNX1/RUNX1T1(AML1/ETO), t(8:21)		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: X/Y		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: PML/RARA, t(15:17)		0	0	0	0	0	0	0	0	0	0	0	0	0
FLT3 Mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
HCV RNA 정성 (RT-PCR Hybridization)		0	0	0	0	0	0	0	0	0	0	0	0	0
HCV Genotyping		10	6	2	5	1	8	9	5	3	5	3	2	59
HCV RNA 정량 (real-time PCR)		0	0	0	0	0	0	0	0	0	0	0	0	0
HLA A type (High)		0	0	0	0	0	0	0	0	0	0	0	0	0
HLA B type (High)		0	0	0	0	0	0	0	0	0	0	0	0	0
HLA C type (High)		0	0	0	0	0	0	0	0	0	0	0	0	0
HLA DR type (High)		0	0	0	0	0	0	0	0	0	0	0	0	0
HLA C DNA		0	0	0	0	0	0	0	0	0	0	0	0	0
HLA항체 동정검사, 단일항원 Class I		1	0	2	2	6	4	2	3	6	0	0	1	27
HLA항체 동정검사, 단일항원 Class II		1	0	2	2	6	4	2	3	6	0	0	2	28
IGH 유전자 재배열검사		2	3	3	6	8	2	1	1	1	1	0	0	28
IGK 유전자 재배열검사		2	3	3	6	8	2	1	1	1	1	0	0	28
JAK2 exon 12 Mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
JAK2 Mutation		5	7	10	10	12	8	9	5	4	12	16	7	105
Joubert: TMEM216 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
NPM1 gene mutation		3	1	0	0	0	1	1	0	0	1	0	0	7
NTM 동정(PCR-RFLP)		0	0	0	0	0	0	0	0	0	0	0	0	0
post-BMT polymorphism (STR)		8	10	6	12	8	11	6	10	13	12	9	10	115
PRA Screening class I		8	6	5	7	3	6	5	1	4	3	5	0	53
PRA Screening class II		8	6	5	7	3	6	5	1	4	3	5	0	53
pre-BMT polymorphism (STR)		2	2	10	3	3	2	2	7	2	8	2	7	50

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
RUNX1/RUNX1T1(AML1-ETO) 재배열, 양성		0	0	0	0	0	0	0	0	0	0	0	0	0
Warfarin 약물 유전형 검사 (씨젠의료재단)		0	0	0	0	0	0	0	0	0	0	0	0	0
Total procedure		671	2,098	656	424	364	339	465	511	3,851	2,123	2,884	2,900	17,286
Total patient		625	1,979	625	414	331	336	461	463	3,059	1,661	2,352	2,321	14,627
2019-nCoV (상기도 PCR)		85	103	187	142	151	146	213	227	3,685	2,061	2,777	2,823	12,600
2019-nCoV (하기도 PCR)		0	1	0	0	0	0	0	0	13	0	1	0	15
2019-nCoV (취합검사, 외부의뢰)		586	1,994	469	282	213	193	252	284	153	62	106	77	4,671

3. 혈액은행 월별 통계

1) 검사 통계

검사별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
ABO Typing(혈구형)		5,346	5,680	5,480	5,764	5,711	5,572	5,432	5,742	5,804	5,794	5,543	4,937	66,805
ABO Typing(혈청형)		2,402	2,873	2,733	3,019	2,970	2,857	2,844	2,961	3,063	2,961	2,714	2,464	33,861
Rh Typing		5,376	5,711	5,509	5,794	5,742	5,602	5,462	5,773	5,834	5,825	5,574	4,963	67,165
Coomb's direct test		55	62	51	47	41	51	71	55	48	32	44	37	594
Coomb's indirect test		41	46	38	36	32	42	60	41	31	20	34	26	447
Cross-matching		3,397	4,188	4,010	3,347	3,977	4,474	3,451	3,723	3,700	4,365	3,631	3,249	45,512
Transfusion		3,126	3,838	3,694	3,050	3,598	4,108	3,101	3,343	3,352	3,960	3,302	2,925	41,397
Unexpected Ab screening		3,239	3,077	3,018	3,024	3,067	3,047	2,944	3,123	3,154	3,314	3,268	2,878	37,153
총 계		22,982	25,475	24,533	24,081	25,138	25,753	23,365	24,761	24,986	26,271	24,110	21,479	292,934

2) 수혈 통계

A. 혈액형별

검사별	월별	2021년										2022년		계	%
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
A(+)		1,205	1,111	1,330	1,091	1,363	1,319	1,154	1,077	1,037	1,301	1,098	842	13,928	33.64%
A(-)		0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
B(+)		731	1,115	1,116	954	945	1,179	956	789	989	1,014	771	828	11,387	27.51%
B(-)		0	0	0	6	0	0	0	0	5	0	0	0	11	0.03%
O(+)		905	883	888	618	782	968	571	1,026	841	903	1,087	942	10,414	25.16%
O(-)		5	0	2	0	5	0	0	0	0	0	0	0	12	0.03%
AB(+)		280	729	358	381	503	642	420	451	480	742	346	313	5,645	13.64%
AB(-)		0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
총 계		3,126	3,838	3,694	3,050	3,598	4,108	3,101	3,343	3,352	3,960	3,302	2,925	41,397	100%

B. 혈액성분별

검사별	월별	2021년										2022년		계	%
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
W.B		0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Packed RBC		1,036	1,170	962	882	960	1,043	847	1,052	962	1,144	1,163	1,010	12,231	29.5%
Washed RBC		0	0	0	0	0	9	0	0	4	0	0	0	13	0.0%
Platelet Concentrate		1,378	1,502	1,731	972	1,421	1,609	1,159	1,346	1,461	1,443	1,270	1,035	16,327	39.4%
Fresh Frozen Plasma		275	557	456	542	552	618	415	453	422	757	378	345	5,770	13.9%
Cryoprecipitate		0	64	11	58	33	52	18	0	33	38	0	40	347	0.8%
SDP[적십자]		209	236	267	248	282	353	255	227	182	226	220	205	2,910	7.0%
Filtered RBC		228	309	267	348	350	424	407	265	288	352	271	290	3,799	9.2%
총 계		3,126	3,838	3,694	3,050	3,598	4,108	3,101	3,343	3,352	3,960	3,302	2,925	41,397	100.0%

4. 병리와 검사 통계

1) 조직병리검사

구분	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
조직검사 종류별 의뢰건수	환자수	1,862	2,378	2,101	2,289	2,398	2,419	2,169	2,201	2,509	2,510	2,082	1,859	26,777
	level A	141	145	112	131	144	149	149	126	149	175	167	135	1,723
	level B	1,061	1,483	1,341	1,449	1,477	1,527	1,295	1,340	1,531	1,518	1,143	1,030	16,195
	level C (9개 이하)	461	537	455	508	552	539	513	524	586	590	529	499	6,293
	level C (10개 이상)	40	43	33	42	35	43	35	35	43	43	41	36	469
	level D (9개 이하)	67	81	69	68	82	74	73	81	79	80	85	58	897
	level D (10개~15개)	32	36	32	17	13	14	16	17	18	18	17	18	248
	level D(16개이상)	60	53	59	74	95	73	87	77	103	83	99	82	945
동결절편 검사	환자수	114	125	121	121	127	106	118	116	129	126	131	111	1,445
	건수	375	380	385	404	463	343	375	420	406	395	441	418	4,805
일반염색(H&E)		6,715	8,215	7,064	7,749	7,986	7,609	6,965	7,358	8,280	8,011	7,294	6,791	90,037
특수염색		547	702	617	678	687	607	553	587	671	712	461	472	7,294
EM	환자수	6	13	8	6	9	12	4	9	9	2	10	11	99
	건수	6	13	8	6	9	12	4	9	9	2	10	11	99
면역형광 염색	환자수	6	12	9	7	9	12	7	8	8	2	12	7	102
	건수	56	110	82	59	87	116	55	80	79	20	98	63	905
면역조직 화학적 염색	ER/PR	133	86	101	123	91	107	95	107	121	97	109	86	1,217
	Cytokeratin 외 100여종	1,383	1,201	1,111	1,355	1,163	1,077	1,028	1,114	1,195	1,194	1,072	825	13,227
	형태계측검사	33	24	19	42	38	26	29	29	20	18	29	30	322
골수세포군집 검사		39	31	36	35	35	27	31	36	32	29	24	27	382
부검(태아)		0	0	0	0	0	0	1	1	0	3	1	1	7
합계	환자수	2,027	2,559	2,275	2,458	2,578	2,576	2,330	2,371	2,687	2,672	2,260	2,016	28,812
	건수	11,149	13,140	11,524	12,740	12,957	12,343	11,304	11,941	13,322	12,988	11,620	10,582	143,342

2) Cytopathology (세포병리검사)

구분	월별	2021년														
		3월		4월		5월		6월		7월		8월		9월		
		R	S	R	S	R	S	R	S	R	S	R	S	R	S	
검사 항목	부인과 (Gyn)	환자수	407	269	471	509	427	442	454	523	378	531	289	556	313	481
		건수	407	269	471	509	427	442	454	523	378	531	289	556	313	481
	비부인과 (Non-Gyn)	환자수		320		386		362		401		351		365		311
		건수		320		386		362		401		351		365		311
	세침흡입 (ABC)	환자수	7	91	11	108	5	88	10	126	4	106	3	120	9	79
		건수	7	91	11	108	5	88	10	126	4	106	3	120	9	79
총 계	환자수	414	680	482	1,003	432	892	464	1,050	384	988	292	1,041	322	871	
	건수	414	680	482	1,003	432	892	464	1,050	384	988	292	1,041	322	871	

구분	월별	2022년										계		
		10월		11월		12월		1월		2월				
		R	S	R	S	R	S	R	S	R	S	Routine	Sure. p	
검사 항목	부인과 (Gyn)	환자수	360	483	438	535	465	470	209	377	185	378	4,396	5,554
		건수	360	483	438	535	465	470	209	377	185	378	4,396	5,554
	비부인과 (Non-Gyn)	환자수	3	345		402		350		337		255	5	4,185
		건수	3	345		402		350		337		255	5	4,185
	세침흡입 (ABC)	환자수	9	89	5	104	9	134	11	88	6	103	89	1,236
		건수	9	89	5	104	9	134	11	88	6	103	89	1,236
총 계	환자수	372	917	443	1,041	474	954	220	802	191	736	4,490	10,975	
	건수	372	917	443	1,041	474	954	220	802	191	736	4,490	10,975	

3) 비부인과 검사 (세부적분류)

구분	월별	2021년												2022년				계										
		3월		4월		5월		6월		7월		8월		9월		10월				11월		12월		1월		2월		
		R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	Routine	Sure. p	
검사 항목	Sputum	환자수	1	9	6	9	2	9	11	7	3	8	2	6	3	1	5	72	5	72								
		건수	1	9	6	9	2	9	11	7	3	8	2	6	3	1	5	72										
	B/W	환자수	50	72	42	74	63	64	53	58	59	51	40	28	0	654	0	654										
		건수	50	72	42	74	63	64	53	58	59	51	40	28	0	654												
	A/F & B/F	환자수	113	136	103	116	112	114	109	114	86	92	97	94	0	1,286	0	1,286										
		건수	113	136	103	116	112	114	109	114	86	92	97	94	0	1,286												
	Urine	환자수	127	140	148	172	120	147	108	129	193	166	161	111	0	1,722	0	1,722										
		건수	127	140	148	172	120	147	108	129	193	166	161	111	0	1,722												
	CSF	환자수	9	18	15	10	13	10	20	12	11	8	11	7	0	144	0	144										
		건수	9	18	15	10	13	10	20	12	11	8	11	7	0	144												
	FNA	환자수	98	119	93	136	110	123	88	98	109	143	99	109	0	1,325	0	1,325										
		건수	98	119	93	136	110	123	88	98	109	143	99	109	0	1,325												
	기타	환자수	20	11	48	20	34	19	14	24	51	27	25	14	0	307	0	307										
		건수	20	11	48	20	34	19	14	24	51	27	25	14	0	307												
	계	환자수	0	418	0	505	0	455	0	537	2	461	0	488	0	399	3	443	0	511	0	493	0	436	0	364	5	5,510
		건수	0	418	0	505	0	455	0	537	2	461	0	488	0	399	3	443	0	511	0	493	0	436	0	364	5	5,510

4) Molecular genetics (분자병리검사)

구분	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
HPV Real time PCR		64	136	152	186	174	187	186	166	169	149	114	103	1,786
MTB PCR		23	27	19	30	24	20	10	10	24	17	11	11	226
BRAF		46	49	39	47	32	40	33	45	54	46	32	29	492
K ras		22	15	19	18	14	17	13	20	31	14	18	17	218
EGFR		20	28	16	22	18	21	10	26	21	27	15	8	232
Other		54	67	50	56	69	89	62	90	113	102	95	67	914
SISH/ISH		38	44	37	36	34	23	13	32	33	23	21	14	348
시행건수		267	366	332	395	365	397	327	389	445	378	306	249	4,216

5. 방사선종양학과 통계

구분	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
초진		64	63	35	61	44	53	40	62	55	54	48	73	652
재진		1,992	1,992	1,488	1,635	1,610	1,567	1,394	1,576	1,863	1,885	1,599	1,663	20,264
계(TOTAL)		2,056	2,055	1,523	1,696	1,654	1,620	1,434	1,638	1,918	1,939	1,647	1,736	20,916
I.C.R.T수														

6. 핵의학과 통계

1) Gamma SPECT SCAN

구분	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Cisterno Scan														-
Shunt Funtion Test														-
Salivary Gland Scan		4	5	3	6	9	1	2	3	4	4	4	3	48
99mTc-Thyroid Scan												1		1
Thyroid Uptake & Scan														-
99mTc-Thyroid Uptake & Scan		8	8	5	7	7	3	6	7	11	8	1	3	74
I-131 Thyroid Uptake														-
I-131 Thyroid Uptake & scan														-
I-131 Thyroid Uptake & 99mTc-Thyroid Scan														-
I-123 Whole Body		7	6	4	8	13	9	9	11	8	8	7	1	91
I-123 Thyroid Scan														-
Post I-131 Whole Body		10	8	8	11	6	13	13	13	14	12	16	7	131
I-131 Whole Body														-
ParaThyroid Scan														-
In-111 Octreotide Scan								1						1
I-123 MIBG myocardiac scan														-
Cardiac First Pass														-
Breast Lymphangio		15	10	19	19	16	13	16	17	12	14	23	20	194
Lymphangio		28	29	25	36	34	31	25	31	30	29	28	23	349
Lung Scan														-
Lung Perfusion & Split Scan		2				2	4	2	3	2			1	16
Liver Scan														-
Hepatobilliary		6	5	3	5	3	6	4	2	5	4	2	1	46
Spleen Scan													1	1
Hemangioma Scan														-
G. E Reflux														-
G. E. T.		2		1	1							1		5
G.I Bleeding Scan											1			1
GCBP		1			3	1	4		2	2		2	2	17
Meckel's				1						2				3
Testicular Scan														-
DTPA Renogram		1	1	1		3	1		1	1	2		1	12
MAG-3 Renogram		2	1		1	4	2		1		1	2		14
Diuretic Renogram		1												1
Diuretic MAG-3			1	2	1	2	1		2	1	2	2	1	15
Captopril Renogram														-
G.F.R Renogram														-
DMSA		2	1	3	2	3	1	5		2	1			20
Whole Body Bone		245	235	221	260	248	227	195	236	272	297	248	212	2,896
3-Phase Bone		15	11	4	10	15	10	9	5	10	7	8	5	109
Pin-hole Scan														-
Bone Marrow Scan														-
Ga-67 W.B Scan(감염)														-
Ga-67 W.B Scan(종양)														-
WBC-99mTc HMPAO										1				1
Peritoneo Scan														-
Breast Gamma Imaging														-
I-131 MIBG Scan														-
I-123 MIBG Scan														-
Post I-131 MIBG Whole Body														-
Raynaud Scan														-
Dacryoscintigraphy			1	1	1					1			1	5
Sr-89 Therapy														-
I-131 MIBG Therapy														-
총 계		349	322	301	371	366	326	287	334	378	390	345	282	4,051

2) Gamma SPECT/CT Scan

구분	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
ECD Brain SPECT+Diamox SPECT		10	13	12	10	7			1	1	8	7	5	74
HMPAO Brain SPECT+Diamox SPECT							4	1	1					6
Ictal ECD Brain SPECT														-
Interictal ECD Brain SPECT		1												1
ECD Brain SPECT														-
Diamox Brain SPECT														-
TI-201 Brain SPECT														-
ParaThyroid SPECT		1	3	2	2	2	6	1	1	4	3	2	2	29
I-123 MIBG SPECT														-
I-123 SPECT														-
I-131 SPECT		1			3	1	1	1	2	2			1	12
Myocardial Stress&Rest SPECT		6	9	8	3	4	7	13	6	5	6	5	6	78
Myocardial Stress SPECT														-
Myocardial Rest SPECT														-
Bone SPECT(Cardiac Amyloidosis)					1									1
TI-201 Cardiac SPECT														-
Ga-67 SPECT														-
Bone SPECT		1	4	4	2	3	1	2	4	1	2	1		25
Lung Perfusion SPECT/CT						1		1	2	2	1	4	2	13
총 계		20	29	27	20	18	19	19	17	15	20	19	16	239

3) 요오드치료

구분	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Solution 6 mCi						1								1
8 mCi							1							
10 mCi							1		1		2			4
12 mCi				1										1
13 mCi														-
14 mCi														-
15 mCi					1					1				2
18 mCi														-
Capsule 30 mCi		3								3	1	6	3	16
50 mCi						1		2	2	3	1	1		10
60 mCi		4	2	5	3	3	4	2		3	2	4	1	33
80 mCi		2	3	1	1	4	2	1	4		1	2	1	22
100 mCi		2		2	1	1	3	1			3		1	14
130 mCi		1					1		1	1		1		5
150 mCi			1	2	2		2		1	1	3			12
160 mCi														-
180 mCi														-
200 mCi					1			1						2
총 계		12	6	11	9	10	14	7	9	12	13	14	6	123

3) PET/CT

구분	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Whole Body		3	4	5	1	8	2	7	5	5	1	1	1	43
Brain		4	3	1		2	2	1		2				15
Torso+Brain			35	33	25	37	28	24	24	24	20	7	18	275
Torso		122	126	121	144	135	139	118	119	144	144	127	116	1,555
Torso+추가부위														-
FP-CIT		20	19	16	21	16	18	14	11	17	21	27	16	216
Florbetaben Brain														-
연구용 Flutemetamol Brain								1	5	10	12	8	1	37
Flutemetamol Brain		2	3		4	5	5	2	1	2	3	2		29
총 계		151	190	176	195	203	194	167	165	204	201	172	152	2,170

7. 약제부 통계

1) 월별 처방전 매수 통계

구분		월별	2021년										2022년		계
			3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
외래	주사제	원내	11,453	11,369	11,258	12,326	12,131	12,170	11,887	11,528	11,691	11,596	10,975	9,858	138,242
		원외	732	765	652	743	766	755	776	678	756	793	751	680	8,847
	먹는약, 기타	원내	10,631	10,269	10,181	10,940	10,726	10,740	10,643	10,202	10,771	10,866	10,182	9,365	125,516
		원외	43,751	41,816	39,360	42,972	41,531	42,168	40,774	39,598	43,593	43,196	40,079	37,147	495,985
입원	주사제	원내	26,553	25,754	25,219	25,720	26,003	25,663	24,338	25,943	24,881	24,969	24,500	21,110	300,653
		원외	0	0	0	0	0	0	0	0	0	0	0	0	0
	먹는약, 기타	원내	31,396	30,501	29,442	30,080	30,818	29,361	27,951	29,572	28,534	29,132	28,095	24,299	349,181
		원외	0	0	0	0	0	0	0	0	0	0	0	0	0
계			124,516	120,474	116,112	122,781	121,975	120,857	116,369	117,521	120,226	120,552	114,582	102,459	1,418,424

2) 투약일수별 처방전 매수 통계

일별	구분	외래				입원				계
		주사제		먹는약, 기타		주사제		먹는약, 기타		
		원내	원외	원내	원외	원내	원외	원내	원외	
1일	136,340	8,807	71,912	59,798	300,576	0	299,037	0	876,470	
2일	416	11	2,123	7,033	38	0	2,743	0	12,364	
3일	219	2	8,698	14,240	12	0	9,819	0	32,990	
4일	204	11	829	5,454	2	0	2,293	0	8,793	
5일	87	5	2,490	9,803	4	0	6,805	0	19,194	
6일	398	1	183	1,456	2	0	2,238	0	4,278	
7일	8	0	4,153	27,514	2	0	10,596	0	42,273	
8일	161	0	299	2,387	3	0	2,583	0	5,433	
9일	39	1	195	1,079	0	0	1,166	0	2,480	
10일	29	2	1,216	7,144	2	0	1,664	0	10,057	
11일	33	0	68	548	5	0	937	0	1,591	
12일	145	0	214	1,499	1	0	1,083	0	2,942	
13일	9	0	101	1,741	0	0	787	0	2,638	
14일	11	0	4,180	32,329	3	0	3,773	0	40,296	
15일	9	5	940	6,263	0	0	458	0	7,675	
16일	39	0	200	836	1	0	384	0	1,460	
17일	2	0	99	664	1	0	240	0	1,006	
18일	2	0	89	589	0	0	309	0	989	
19일	2	0	51	195	0	0	260	0	508	
20일	7	1	430	2,373	0	0	316	0	3,127	
21일	2	0	1,822	10,164	0	0	488	0	12,476	
22일	0	0	97	453	0	0	49	0	599	
23일	0	0	88	390	0	0	36	0	514	
24일	22	0	88	488	1	0	31	0	630	
25일	1	0	80	595	0	0	54	0	730	
26일	0	0	36	396	0	0	63	0	495	
27일	2	0	33	203	0	0	48	0	286	
28일	11	0	6,684	36,951	0	0	416	0	44,062	
29일	0	0	83	561	0	0	34	0	678	
30일	17	0	2,714	26,649	0	0	222	0	29,602	
31일	27	1	15,321	236,190	0	0	249	0	251,788	
계		138,242	8,847	125,516	495,985	300,653	0	349,181	0	1,418,424

3) 진료과별 처방전 통계

과별	구분	주사제		먹는약, 기타		계
		원내	원외	원내	원외	
내과		152,998	6,759	131,173	161,698	452,628
신경과		10,008	4	15,680	43,403	69,095
소아청소년과		13,123	1,121	6,495	5,266	26,005
정형외과		34,566	3	36,615	24,945	96,129
성형외과		5,460	1	2,986	1,026	9,473
방사선종양학과		332	0	47	368	747
방사선중재적시술센터		0	0	0	0	0
일반외과		53,777	331	40,683	21,415	116,206
산부인과		21,158	13	14,386	9,219	44,776
신경외과		17,829	4	19,644	21,000	58,477
흉부외과		5,125	2	5,032	2,928	13,087
정신건강의학과		2,060	118	11,637	21,064	34,879
피부과		3,310	0	1,506	10,833	15,649
이비인후과		8,054	0	5,515	10,961	24,530
안과		7,153	4	2,118	3,122	12,397
치과		3,796	292	48	3,975	8,111
재활의학과		6,441	0	11,820	2,264	20,525
비뇨기과		10,302	4	5,533	18,514	34,353
소아외과		0	0	0	0	0
가정의학과		0	0	222	4,827	5,049
마취통증의학과		0	0	0	0	0
소아정신과		0	0	0	0	0
핵의학과		299	0	306	184	789
인공신장실		16,848	2	1,900	4	18,754
임상약리학과		0	0	0	0	0
건강관리과		0	0	0	0	0
직업환경의학과		253	0	0	0	253
통증클리닉		4,075	1	3,299	4,383	11,758
해부병리과		0	0	0	0	0
가정간호과		1,510	0	0	0	1,510
응급의학과		23,276		15,976	4,646	43,898
암통합진료센터		0	0	0	0	0
감염관리과		0	0	0	0	0
건강증진센터		0	0	0	0	0
영상의학과		0	0	0	0	0
종합검진센터		0	0	0	0	0
인터벤션클리닉		79	0	0	0	79
전염병질병센터		2,192	1	20	233	2,446
예방검사센터		0	0	13	0	13
계		404,024	8,660	332,654	376,278	1,121,616

4) 퇴원환자 복약교육 통계

과별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
CST		49	50	39	31	37	39	36	33	41	56	43	40	494
DEN		0	0	0	0	0	0	0	0	0	0	0	0	0
DER		2	1	0	2	1	3	1	0	2	0	1	0	13
ENT		129	124	86	122	141	119	102	118	124	141	114	86	1,406
EYE		66	85	78	73	94	80	76	85	92	101	87	80	997
FMD		0	1	0	0	0	0	0	0	0	0	0	0	1
GSR		467	502	472	483	521	452	502	514	499	542	513	465	5,932
GYN		173	198	151	180	178	184	165	189	182	209	212	177	2,198
MED		904	937	871	941	954	903	890	987	933	953	932	713	10,918
NEU		100	87	91	114	119	85	98	124	114	77	89	70	1,168
NMD		9	6	8	10	8	12	7	9	10	10	8	2	99
NPD		20	17	25	19	30	24	18	21	20	20	19	8	241
NSD		180	136	155	129	140	55	58	60	76	94	109	111	1,303
OSD		240	210	218	208	221	219	201	236	228	255	218	171	2,625
PCR		5	8	5	11	6	7	11	9	3	8	4	2	79
PED		66	60	54	70	63	66	78	74	54	45	52	42	724
PSR		29	34	32	33	44	45	46	42	56	56	46	42	505
RAD		0	0	0	0	0	0	0	0	0	0	0	0	0
REH		31	48	38	33	40	30	30	24	30	20	28	17	369
URO		89	82	72	69	76	65	79	83	88	78	93	64	938
기타		0	0	0	0	0	0	0	0	0	0	0	0	0
계		2,559	2,586	2,395	2,528	2,673	2,388	2,398	2,608	2,552	2,665	2,568	2,090	30,010

5) 항암제 조제 통계(외래)

과별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
CST		0	0	0	0	0	0	0	0	0	0	0	0	0
DEN		0	0	0	0	0	0	0	0	0	0	0	0	0
EYE		0	0	0	0	0	0	0	0	0	0	0	0	0
ENT		0	0	0	0	0	0	0	0	0	0	0	0	0
GSR		42	33	32	35	35	31	32	33	30	40	28	40	411
GYN		10	10	13	11	6	8	5	5	8	4	3	9	92
MED		554	547	570	594	542	635	598	532	580	645	597	560	6,954
NEU		0	2	1	1	0	2	1	1	1	0	1	1	11
OSD		0	0	0	0	0	0	0	0	0	0	0	0	0
PED		2	2	0	3	1	2	0	0	0	0	0	0	10
URO		11	4	5	4	6	4	8	4	5	16	11	11	89
FMD		0	0	0	0	0	0	0	0	0	0	0	0	0
조제건수		619	598	621	648	590	682	644	575	624	705	640	621	7,567
환자수		443	424	451	462	413	474	443	403	435	491	442	432	5,313

6) 항암제 조제 통계(입원)

과별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
REH	1	0	0	0	0	0	0	0	0	0	0	0	0	1
EYE	8	7	5	7	2	4	4	0	1	9	6	5	58	
ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	
GSR	463	466	455	509	538	499	466	487	508	535	503	437	5,866	
GYN	157	151	149	143	119	177	128	133	156	170	134	129	1,746	
MED	1,468	1,569	1,494	1,463	1,455	1,384	1,432	1,360	1,424	1,450	1,363	1,227	17,089	
NSD	19	21	18	13	18	15	14	12	14	13	8	7	172	
OSD	0	0	0	0	0	0	0	0	1	0	0	0	1	
PED	0	0	0	0	0	0	0	0	0	0	0	0	0	
URO	8	13	12	7	1	8	11	6	3	10	17	9	105	
NEU	2	1	0	1	0	0	2	5	0	0	0	1	12	
PSR	0	0	0	0	1	0	0	0	0	0	0	0	1	
조제건수	2,126	2,228	2,133	2,143	2,134	2,087	2,057	2,003	2,107	2,187	2,031	1,815	25,051	
환자수	1,119	1,161	1,130	1,099	1,103	1,067	1,036	998	1,049	1,076	1,018	901	12,757	

7) TPN 조제 통계

과별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	
EYE	0	0	0	0	0	0	0	0	0	0	0	0	0	
GSR	0	0	0	0	0	0	0	0	0	0	0	0	0	
OSD	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEU	0	0	0	0	0	0	0	0	0	0	0	0	0	
REH	0	0	0	0	0	0	0	0	0	0	0	0	0	
NPD	0	0	0	0	0	0	0	0	0	0	0	0	0	
PSR	0	0	0	0	0	0	0	0	0	0	0	0	0	
SPD	0	0	0	0	0	0	0	0	0	0	0	0	0	
MED	0	0	0	0	0	0	0	0	0	0	0	0	0	
CST	0	0	0	0	0	0	0	0	0	0	0	0	0	
NSD	0	0	0	0	0	0	0	0	0	0	0	0	0	
GYN	0	0	0	0	0	0	0	0	0	0	0	0	0	
URO	0	0	0	0	0	0	0	0	0	0	0	0	0	
PED	192	199	127	194	155	205	296	220	281	247	252	208	2,576	
조제건수	192	199	127	194	155	205	296	220	281	247	252	208	2,576	
환자수	192	199	127	194	155	205	296	220	281	247	252	208	2,576	
의뢰건수	192	199	127	194	155	205	296	220	281	247	252	208	2,576	

8) 항응고약물 교육 통계

과별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
외래	0	0	1	2	0	0	0	0	0	1	0	0	4	
입원	12	16	11	13	14	21	8	10	11	12	11	8	147	
계	12	16	12	15	14	21	8	10	11	13	11	8	151	

9) 호흡기약물 교육 통계

과별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
외래		1	1	2	0	4	0	2	3	4	1	5	0	23
입원		18	13	23	26	24	25	15	17	27	23	24	18	253
계		19	14	25	26	28	25	17	20	31	24	29	18	276

10) 당뇨약물 교육 통계

과별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
외래		18	16	18	14	18	17	15	19	17	19	11	13	195
입원		18	16	14	17	17	22	23	13	13	7	10	11	181
계		36	32	32	31	35	39	38	32	30	26	21	24	376

11) 항암약물 교육 통계

과별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
외래		0	1	3	3	1	0	1	0	0	1	1	0	11
입원		11	15	11	18	17	11	9	7	7	12	12	17	147
계		11	16	14	21	18	11	10	7	7	13	13	17	158

12) 장기이식약물 교육 통계

과별	월별	2021년										2022년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
외래		0	0	0	0	0	0	0	0	0	0	0	0	0
입원		7	11	8	24	14	8	9	8	4	3	8	8	112
계		7	11	8	24	14	8	9	8	4	3	8	8	112

8. 환자급식 식이별 통계

구분	월별	2021년										2022년		총계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
보건 치료 식	밥	23,103	22,967	22,548	23,801	23,878	21,921	19,583	22,585	21,329	21,372	20,275	15,569	258,931
	죽	6,727	6,607	6,107	5,510	6,428	6,532	6,034	6,799	6,941	6,681	6,468	5,901	76,735
	미음	560	517	584	620	636	464	497	684	667	622	698	520	7,069
	소계	30,390	30,091	29,239	29,931	30,942	28,917	26,114	30,068	28,937	28,675	27,441	21,990	342,735
기타 치료 식	소아식	437	409	326	435	323	328	404	353	233	236	229	216	3,929
	산모식	174	198	130	142	131	123	217	135	100	159	115	162	1,786
	외국인식	21	52	29	57	8	7	8	107	41	5	27	119	481
	고급식	16	0	0	3	0	0	0	0	0	14	0	0	33
	소계	648	659	485	637	462	458	629	595	374	414	371	497	6,229
특별 치료 식	연하보조식	1,589	1,542	1,482	1,429	1,596	1,236	1,428	1,134	1,015	732	1,054	850	15,087
	블랜드	840	907	659	710	761	533	630	662	859	909	887	842	9,199
	치과용미음	9	38	0	0	0	10	0	0	0	69	1	1	128
	TF(경관미음)	6,735	6,451	6,207	6,209	5,038	4,966	4,828	4,374	4,433	4,788	5,191	4,511	63,731
	열량조절식	110	5	0	6	10	46	14	0	59	120	118	60	548
	당뇨식	6,734	6,609	6,159	6,410	7,095	6,647	6,229	6,547	5,838	6,181	5,835	5,434	75,718
	위절제식	594	489	698	565	344	812	664	581	468	698	514	453	6,880
	섬유소조절식	0	0	0	0	0	0	0	10	0	0	0	0	10
	저잔사식	1,229	1,218	1,429	1,411	1,198	1,085	909	1,226	1,412	1,384	1,193	1,291	14,985
	저자극식	519	235	458	507	442	500	654	383	531	364	235	460	5,288
	저지방식(염분제한)	81	55	127	23	2	37	82	52	28	68	85	25	665
	저콜레스테롤식	0	0	0	0	0	0	0	1	0	0	0	0	1
	저단백식(염분제한)	0	0	1	2	0	4	0	0	15	117	114	84	337
	고단백식(염분제한)	380	149	22	17	40	62	52	160	75	114	195	312	1,578
	신장질환식	1,533	1,398	1,359	1,644	1,631	1,399	1,254	1,245	1,315	1,219	1,487	1,664	17,148
	저염식	49	111	138	57	14	13	15	48	18	9	58	91	621
	중염식	19	14	51	3	5	44	6	53	0	72	41	6	314
	BMT식	98	18	148	99	149	63	73	90	124	122	77	39	1,100
	무균식	7	0	0	6	1	43	0	0	1	0	0	4	62
	익힌음식	1,492	1,149	1,738	1,410	1,566	2,073	1,931	1,729	1,659	1,421	1,518	1,350	19,036
	퓨린제한식	30	24	0	21	0	0	0	2	0	0	0	0	77
	요오드제한식	45	30	45	47	52	59	34	39	55	49	40	11	506
	알러지식	775	539	629	985	814	730	585	449	405	454	584	523	7,472
케톤식	5	0	29	0	0	0	15	0	16	6	0	9	80	
기타	122	131	114	89	289	218	71	88	124	303	222	97	1,868	
	소계	22,995	21,112	21,493	21,650	21,047	20,580	19,474	18,873	18,450	19,199	19,449	18,117	242,439
총 합계		54,033	51,862	51,217	52,218	52,451	49,955	46,217	49,536	47,761	48,288	47,261	40,604	591,403

9. 물리치료 월별 통계

구분	월별	2021년										2022년		총계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
피부과		0	0	0	0	0	0	0	0	0	0	0	0	0
산부인과		132	60	28	59	22	67	110	69	50	3	12	20	632
이비인후과		13	37	22	24	16	22	63	94	79	77	78	27	552
마취통증의학과		0	0	0	0	0	0	0	0	0	0	0	0	0
비뇨기과		0	5	2	18	3	0	8	8	8	0	3	0	55
치과		2	0	0	0	0	0	0	0	0	0	0	0	2
흉부외과		66	41	40	18	31	44	34	10	40	44	31	41	440
성형외과		23	36	33	79	42	2	8	18	2	0	0	8	251
소아청소년과		216	345	217	176	200	58	94	120	139	172	111	101	1,949
외과		106	37	79	110	144	161	84	31	45	99	86	132	1,114
정신과		6	33	29	30	14	1	11	4	2	2	4	17	153
내과		1,289	1,183	757	932	1,180	1,194	1,050	630	801	864	756	607	11,243
신경과		380	252	212	291	299	244	242	388	432	291	277	202	3,510
정형외과		982	1,188	1,114	1,159	1,157	1,125	892	1,000	1,007	1,206	873	781	12,484
신경외과		1,240	900	756	873	734	406	218	188	469	473	463	383	7,103
재활의학과		7,520	7,819	6,278	7,180	7,061	6,888	5,915	6,072	6,571	6,138	6,208	5,119	78,769
안과		3	0	0	0	0	0	0	0	0	0	0	0	3
핵의학과		0	0	0	0	0	0	0	0	0	0	0	0	0
가정의학과		0	0	0	0	0	0	0	0	0	0	0	0	0
통증클리닉		116	106	73	109	102	75	73	65	54	37	35	16	861
방사선종양학과		0	0	0	0	0	0	0	3	0	0	0	0	3
입원		7,280	6,774	5,105	6,080	5,746	5,352	4,316	4,198	4,471	4,375	4,329	3,542	61,568
외래		4,813	5,265	4,535	4,978	5,258	4,934	4,486	4,502	5,228	5,031	4,608	3,912	57,550
총 계		12,094	12,042	9,640	11,058	11,005	10,287	8,802	8,700	9,699	9,406	8,937	7,454	119,124

▶ 전공의 수련 현황 및 과별 연구 실적

1. 2021년도 인턴 수련 현황

2022년 2월 기준

종별	성명	출신교	비고
의과계	구서정	University of Pecs	
	김선영	인제대학교	
	김세림	인제대학교	
	김소현	인제대학교	
	김재훈	동국대 의전원	
	김정민	연세(원주)대학교	
	류성영	인하대학교	
	박시연	인제대학교	
	박용태	동아대학교	
	박진규	부산대 의전원	
	박진우	가톨릭관동대학교	
	박진호	인제대학교	
	방미현	인제대학교	
	안태림	인제대학교	
	염지선	인제대학교	
	유상우	부산대 의전원	
	이민우	동아대학교	
	이슬아	인하대학교	
	이영은	인제대학교	
	장준석	인제대학교	
	정다효	고신대학교	
	정종원	고신대학교	
	최민영	전북대학교	
	최지원	인제대학교	
	하두인	인제대학교	

인턴 25명

2. 레지던트 수련현황

과별	연차	1년차	2년차	3년차	4년차	계
		성명	성명	성명	성명	
내과		최은준	오영록	오병욱		9
		구동환	박병화	박형석		
			이지예	김수민		
			김상훈			
외과		송수빈				1
산부인과		김수지	이지수	최민성	박채연	8
		허아람	이영진			
		조민경	박유빈			
소아청소년과					박창언 황혜수	2
정신건강의학과		김현준	천우석	김혜원	박정혁	4
신경과		황현영	강재호	이준호	배민정	6
		은정익	서영덕			
피부과						
정형외과		장원준	구형준	최민성	김호진	7
		이에준	권유성		권민성	
흉부외과						
신경외과		김재민		김창곤	김도엽	3
성형외과				김영근		1
안과			임연주	정도희	나정호	3
이비인후과		안현우	김보수	서태경	박영준	4
비뇨의학과						
재활의학과		이다정	김태훈	민은호	박지호	4
마취통증의학과		신성현	양지현	전유경	김재환	7
			최대운	이나경	신동주	
영상의학과		김다정	김연정	우상화	박형인	8
		김혜리	홍수진	서영화	백태욱	
방사선종양학과						
진단검사의학과						
병리과						
가정의학과				손민규		1
응급의학과		박용진	서창완	유현진	이주홍	4
핵의학과						
직업환경의학과		홍동현	조정훈	최의혁	이태우	4
계		18	22	19	17	76

3. 각 교실별 논문 및 학술연제 발표

내과(Internal Medicine)

- 1) Nae Yun Heo, Seung Ha Park, Joon Hyuk Choi, Eun ju Kim, Tae Oh Kim, Jong ha Park, Jin Lee, Yong Eun Park, Eun Hye Oh, Jun Seong Hwang, Su Jin Jeong. Efficacy and Safety of Biphenyl Dimethyl Dicarboxylate and Ursodeoxycholic Acid Combination in Chronic Hepatitis Related to Metabolic Syndrome Components. 대한소화기학회지 2021;77: 179~189
- 2) Yong Eun Park 1, Jin Lee 1, Jong ha Park 1, Joon Hyuk Choi 1, Nae Yun Heo 1, Seung Ha Park 1, Yoon Kyoung Lee 2, Tae Oh Kim 1. Subjective Needs and Thoughts for the Treatment of Patients with Inflammatory Bowel Disease: Applying Q Methodology. 대한소화기학회지 2021;78: 37~47
- 3) Byong Duk Ye, Jae Hee Cheon, Ki Hwan Song, Joo Sung Kim, Young Ho Kim, Hyuk Yoon, Kang Moon Lee, Sang Bum Kang, Byung Ik Jang, Jae Jun Park, Tae Oh Kim, Dae Wook Lee, Chee Yoong Foo, Jeong Eun Shin, Dong Il Park. The real-world outcomes of vedolizumab in patients with ulcerative colitis in Korea:a multicenter retrospective study. Therapeutic Advances in Gastroenterology 2021;14: 1~13
- 4) Jae Hyun Kim 1, Jong Yoon Lee 2, Yong Eun Park 3, Jong Hoon Lee 2, Jong ha Park 3, Tae Oh Kim 3, Won Moon 1, Seun Ja Park 1. Clinical Course of Terminal Ileal Ulcers Observed Incidentally During. DIGESTIVE DISEASES AND SCIENCES 2021;66: 4423~4428
- 5) Soo Kyung Park 1,2,†, Sang soo Kim 3,†, Gi Young Lee 3, Sung Yoon Kim 3, Wan Kim 3, Chil Woo Lee 2, Jong Lyul Park 4, Chang Hwan Choi 5, Sang Bum Kang 6, Tae Oh Kim 7, Ki Bae Bang 8, Jae young Chun 9, Jae Myung Cha 10, Jong Pil Im 11, Kwang Sung Ahn 12, Seon Young Kim 4,* and Dong Il Park 1,2,*. Development of a Machine Learning Model to Distinguish between Ulcerative Colitis and Crohn's Disease Using RNA Sequencing Data. Diagnostics 2021;11: 2365(1)~2365(11)
- 6) Jeong seok Kim 1, Hyuk Yoon 2, Na young Kim 3, Kang Moon Lee 4, Sung Ae Jung 5, Chang Hwan Choi 6, Eun Soo Kim 7, Yun ho Jung 8, Chang Soo Eun 9, Tae Oh Kim 10, Sang Bum Kang 11, You Sun Kim 12, Geom Seog Seo 13, Chang Kyun Lee 14, Jong Pil Im 15, Soo Jung Park 16, Dong Il Park 17, Byong Duk Ye 18. Clinical Outcomes and Response Predictors of Vedolizumab Induction Treatment for Korean Patients With Inflammatory Bowel Diseases Who Failed Anti-TNF Therapy: A KASID Prospective Multicenter Cohort Study. INFLAMMATORY BOWEL DISEASES 2021;27: 1931~1941
- 7) Ra Ri Cha, Dong Hoon Baek 1, Gyeong Won Lee 2, Seun Ja Park 3, Jong Hoon Lee 4, Jong Ha Park 5, Tae Oh Kim 5, Sang Heon Lee 6, Hyung Wook Kim 7, Hyun Jin Kim. Clinical Features and Prognosis of Patients with Primary Intestinal B-cell Lymphoma Treated with Chemotherapy with or without Surgery. 대한 소화기학회지 2021;78: 320~327
- 8) Jin Lee 1, Su Bum Park 2, Hyung Wook Kim 2, Hong Sub Lee 3, Sam Ryong Jee 3, Jong Hun Lee 4, and Tae Oh Kim. Clinical Efficacy of Probiotic Therapy on Bowel-Related Symptoms in Patients with Ulcerative Colitis during Endoscopic Remission: An Observational Study. Gastroenterology Research and Practice 2022;17: 9872230(1)~(5)
- 9) Jae Jun Park # 1 2 3, Byung Chang Kim # 4, Sung Pil Hong 1 2, Yoo jeong Seo 2 5, Hye Sun Lee 6, Young Sook Park 7, Soo Young Na 8, Sung Chul Park 9, Jong ha Park 10, Jae Hak Kim 11, Chang Mo

Moon 12, Kyu Chan Huh 13, Soo Jung Park 1 2, Jae Hee Cheon 1 2, Won Ho Kim 1 2, Tae Il Kim. The Effect of Metformin in Treatment of Adenomas in Patients with Familial Adenomatous Polyposis. *Cancer Prevention Research* 2021;14: 563 ~ 572

10) 허내윤. 간기능 지표를 이용한 간절제술 후 간부전 예측: Child 분류를 넘어서. *대한소화기학회지* 2021;77: 97~98

11) 허내윤. 진행성 간세포암종에서 면역관문억제제와 표적항암제 병합요법의임상 성적: 소라페닙 시대가 저물다. *대한소화기학회지* 2021;77: 145~147

12) Yeo Wool Kang 1, Yang Hyun Baek 1, Sung Wook Lee 1, Sung Jae Park 2, Jun Sik Yoon 2, Ki Tae Yoon 3, Young mi Hong 3, Nae Yun Heo 4, Kwang Il Seo 5, Sang Soo Lee 6, Hyun Chin Cho 7, and Jung Woo Shin 8. Real-world Effectiveness and Safety of Direct-acting Antiviral Agents in Patients with Chronic Hepatitis C Genotype 2 Infection: Korean Multicenter Study. *JOURNAL OF KOREAN MEDICAL SCIENCE* 2021;36: e142(1)~e142(11)

13) Hye Kyung Hyun 1, Eun Ju Cho 2, Soo Young Park 3, Young Mi Hong 4, Soon Sun Kim 5, Hwi Young Kim 6, Nae Yun Heo 7, Jung Gil Park 8, Dong Hyun Sinn # 9, Won seok Kang 9, Song Won Jeong 10, Myeong Jun Song 11, Ha na Park 12, Dan bi Lee 12, Yong Sun Lee 13, Sung Bum Cho 14, Chan Sik An 1, Hyung Jin Rhee 1, Hyun Woong Lee 1, Beom Kyung Kim 1, Jun Yong Park 1, Do Young Kim 1, Sang Hoon Ahn 1, Kwang Hyub Han 1, Jeong Hoon Lee 2, Su Jong Yu 2, Yoon Jun Kim 2, Jung Hwan Yoon 2, Won Young Tak 3, Young Oh Kweon 3, Ki Tae Yoon 4, Mong Cho 4, Jae Youn Cheong 5, Seung Ha Park 7, Seung Up Kim # 15, Korean TACE Study Group. Direct-Acting Antivirals Improve Treatment Outcomes in Patients with Hepatitis C Virus-Related Hepatocellular Carcinoma Treated with Transarterial Chemoembolization: A Nationwide, Multi-center, Retrospective Cohort Study. *DIGESTIVE DISEASES AND SCIENCES* 2021;66: 2427~2438

14) Woo Hyun Paik 1, Joon Hyuk Choi 2, Yang soon Park 3, Jung Bok Lee 4, Do Hyun Park 5 6. Optimal Techniques for EUS-Guided Fine-Needle Aspiration of Pancreatic Solid Masses at Facilities without On-Site Cytopathology: Results from Two Prospective Randomised Trials. *Journal of Clinical Medicine* 2021;10: 4662(1)~4662(12)

15) Yong Eun Park 1*, Yoo Jin Lee 2*, Ji Young Chang 3, Hyun Joo Song 4, Duk Hwan Kim 5, Young Joo Yang 6, Byung Chang Kim 7, Jae Gon Lee 8, Hee Chan Yang 9, Mi young Choi 10, Seong Eun Kim 11*, Seung Jae Myung 12*. KASID Guidance for Clinical Practice Management of Adult Inflammatory Bowel Disease. *대한소화기학회지* 2021;78: 105~116

16) Yoo Jin Lee 1*, Seong Eun Kim 2*, Yong Eun Park 3, Ji Young Chang 4, Hyun Joo Song 5, Duk Hwan Kim 6, Young Joo Yang 7, Byung Chang Kim 8, Jae Gon Lee 9, Hee Chan Yang 10, Mi young Choi 11, Seung Jae Myung 12. SARS-CoV-2 Vaccination for Adult Patients with Inflammatory Bowel Disease: Expert Consensus Statements by KASID. *대한소화기학회지* 2021;78: 117~128

17) Yong Eun Park, Hye Su Moon, Dong eun Yong, Ho chan Seo, Jin ho Yang, Tae Seop Shin, Yoon Keun Kim, Jin Ran Kim, Yoo Na Lee, Young Ho Kim, Joo Sung Kim & Jae Hee Cheon. Microbial changes in stool, saliva, serum, and urine between before and after anti-TNF- α therapy in patients with inflammatory bowel diseases. *연세대학교 학술정보원* 2021;0: 0~15

18) Ye young Koo, Jin Lee, Bo mi Kim, Su Jin Jeong, Eun Hye Oh, Yong Eun Park, Jong ha Park and Tae Oh Kim. Natural Killer-cell Enteropathy of the Stomach in an Elderly Woman: A Case Report. *대한소화기학회지* 2021;78: 349~352

- 19) Jin Lee, Sung Jin Oh. Gastric Neuroendocrine Tumor Mimicking Gastrointestinal Stromal Tumor: A Case Report. *Case reports in oncology* 2021;14: 1271~1276
- 20) Jin Lee, Su Bum Park, Hyung Wook Kim, Hong Sub Lee, Sam Ryong Jee, Jong Hun Lee, and Tae Oh Kim. Clinical Efficacy of Probiotic Therapy on Bowel-Related Symptoms in Patients with Ulcerative Colitis during Endoscopic Remission: An Observational Study. *Gastroenterology Research and Practice* 2022;2022: 9872230(1)~(5)
- 21) Hoon sub So, Chi Hyuk Oh, Tae Jun Song, Sung Woo Ko, Jun Seong Hwang, Dong wook Oh, Do Hyun Park, Sang Soo Lee, Dong Wan Seo, Seok Ho Dong, Sung Koo Lee, Myung Hwan Kim. Predictors of stent dysfunction in patients with bilateral metal stents for malignant hilar obstruction. *PLoS One* 2021;16: e0249096~(11)
- 22) Hoon sub So, Chi Hyuk Oh, Tae Jun Song, Hyun Woo Lee, Jun Seong Hwang, Sung Woo Ko, Dongwook Oh, Do Hyun Park, Sang Soo Lee, Dong Wan Seo, Sung Koo Lee, Myung Hwan Kim. Feasibility and Safety of Endoluminal Radiofrequency Ablation as a Rescue Treatment for Bilateral Metal Stent Obstruction Due to Tumor Ingrowth in the Hilum: A Pilot Study. *Journal of Clinical Medicine* 2021;10: 952(1)~952(9)
- 23) Jun Seong Hwang, Hoon sub So, Dong wook Oh, Tae Jun Song, Do Hyun Park, Dong Wan Seo, Sung Koo Lee, Myung Hwan Kim, Seung Mo Hong, Jung ho Yang, Sang Soo Lee. Long-term outcomes of endoscopic papillectomy for early-stage cancer in duodenal ampullary adenoma: comparison to surgical treatment. *JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY* 2021;36: 2315~2323
- 24) Hyun Jin Park, Jun Seong Hwang, Tae Jun Song, Dong wook Oh, Do Hyun Park, Sang Soo Lee, Dong Wan Seo, Sung Koo Lee, Myung Hwan Kim. Pancreatic/peripancreatic neurogenic tumor: little known masses not to be missed. *PANCREATOLOGY* 2021;21: 1386~1394
- 25) Jae Seung Lee # 1 2, Young Eun Chon # 3, Beom Kyung Kim 1 2, Jun Yong Park 1 2, Do Young Kim 1 2, Sang Hoon Ahn 1 2, Kwang Hyub Han 1 2, Won seok Kang 4, Moon Seok Choi 4, Geum Youn Gwak 4, Yong Han Paik 4, Joon Hyeok Lee 4, Kwang Cheol Koh 4, Seung Woon Paik 4, Hwi Young Kim 5, Tae Hun Kim 5, Kwon Yoo 5, Yeon jung Ha 3, Mi Na Kim 3, Joo Ho Lee 3, Seong Gyu Hwang 3, Soon Sun Kim 6, Hyo Jung Cho 6, Jae Youn Cheong 6, Sung Won Cho 6, Seung Ha Park 7, Nae Yun Heo 7, Young Mi Hong 8, Ki Tae Yoon 8, Mong Cho 8, Jung Gil Park 9, Min Kyu Kang 9, Soo Young Park 10, Young Oh Kweon 10, Won Young Tak 10, Se Young Jang 10, Dong Hyun Sinn 11, Seung Up Kim 1 12, Korean TACE Study Group. Prognostic Value of Alpha-Fetoprotein in Patients Who Achieve a Complete Response to Transarterial Chemoembolization for Hepatocellular Carcinoma. *Yonsei Med J* 2021 Jan;62(1): 12~20
- 26) Ji Eun Na 1, Yeong Gi Kim 1, Tae Jun Kim 2, Hyuk Lee 3, Yang Won Min 1, Byung Hoon Min 1, Jun Haeng Lee 1, Seon Yeong Baek 4, Min Su Park 4, Poong Lyul Rhee 1, Jae J Kim 1. Long-Term Safety of Delayed Surgery After Upfront Endoscopic Resection for Early Gastric Cancer: A Propensity Matched Study. *Annals of Surgical Oncology* 2021;28(1): 106~113
- 27) Ji Eun Na 1, Dong Hyun Sinn 1, Jeong Hoon Lee 2, Hee Joon Jang 2, Seon Yeong Baek 3, Kyung A Kim 3, Won Seok Kang 1, Geum Youn Gwak 1, Young Han Paik 1, Yoon Jun Kim 2, Moon Seok Choi 1, Jung Hwan Yoon 2, Joon Hyeok Lee 1, Kwang Cheol Koh 1, Seung Woon Paik 1. Efficacy of entecavir vs tenofovir in preventing hepatocellular carcinoma in patients with chronic hepatitis B with maintained virologic response. *Journal of Viral Hepatitis* 2021;28(10): 1392~1399
- 28) Ji Eun Na 1, Hyuk Lee 2, Yang Won Min 1, Byung Hoon Min 1, Jun Haeng Lee 1, Poong Lyul Rhee 1, Kyoung Mee Kim 3, Jae J Kim 1. Clinical feasibility and oncologic safety of primary endoscopic submucosal

dissection for clinical submucosal invasive early gastric cancer. *Journal of Cancer Research and Clinical Oncology* 2021;147(10): 3051~3061

29) Ji Eun Na, Eun Ran Kim. How to Choose the Optimal Bowel Preparation Regimen for Colonoscopy. *The Ewha Medical Journal* 2021;44: 122~132

30) Ji Eun Na 1 2, Yeong Chan Lee 3, Tae Jun Kim 1, Hyuk Lee 1, Hong Hee Won 3, Yang Won Min 1, Byung Hoon Min 1, Jun Haeng Lee 1, Poong Lyul Rhee 1, Jae J Kim 1. Machine Learning Model to Stratify the Risk of Lymph Node Metastasis for Early Gastric Cancer: A Single-Center Cohort Study. *Cancers(Basel)* 2022;14(5): 1121

31) Yoo Jin Lee, Bong Soo Park, Si hyung Park, Jin Han Park, Il Hwan Kim, Jung hae Ko, Yang Wook Kim. Analysis of the risk factors of acute kidney injury after total hip or knee replacement surgery. *Yeungnam University Journal of Medicine* 2021;38: 136~141

32) Si hyung Park, Bong Soo Park, Yoo Jin Lee, Il Hwan Kim, Jin Han Park, Jung hae Ko, Yang Wook Kim, Kang Min Park. Artificial intelligence with kidney disease: A scoping review with bibliometric analysis, PRISMA-ScR. *MEDICINE* 2021;100 e25422~(7)

33) 이재하, 박진한, 김효정, 김현국, 장지훈, 김용균, 박봉수, 박시형, 김일환, 김세훈, 허운, 장항제. The effects of direct hemoperfusion with polymyxin B-immobilized fiber in patients with acute exacerbation of interstitial lung disease. *Acute and Critical Care (Korean J Crit Care Med)* 2021;36: 126~132

34) Dong Ah Lee, Ho Joon Lee, Byung Joon Kim, Bong Soo Park, Sung Eun Kim, Kang Min Park. Identification of focal epilepsy by diffusion tensor imaging using machine learning. *ACTA NEUROLOGICA SCANDINAVICA* 2021;143: 637~645

35) 이동아, 전경란, 김형찬, 박봉수, 박강민. Significance of serum neuron-specific enolase in transient global amnesia. *JOURNAL OF CLINICAL NEUROSCIENCE* 2021;89: 15~19

36) 박진오, 설상훈, 송여정, 김승환, 김동기, 김기훈, 김두일, 박봉수. Emphysematous myocardial abscess without infective endocarditis. *Clinical Case Reports* 2021;9: e04658~e04658

37) 이동아, 고정해, 이호준, 김형찬, 박봉수, 박시형, 김일환, 박진한, 이유진. Alterations of the intrinsic amygdala-hippocampal network in juvenilemyoclonic epilepsy. *Brain and Behavior* 2021;11: e2274(1)~e2274(8)

38) 이동아, 고정해, 김형찬, 신경진, 박봉수, 김일환, 박진한, 박시형, 박강민. identifying juvenile myoclonic epilepsy via diffusion tensor imaging using machine learning analysis. *JOURNAL OF CLINICAL NEUROSCIENCE* 2021;91: 327~333

39) Yoo Jin Lee, Chang Min Heo, Si hyung Park, Yang Wook Kim, Jin Han Park, Il Hwan Kim, Jung hae Ko, Bong Soo Park. Top 100 cited articles on hemodialysis: A bibliometric analysis. *MEDICINE* 2021;100: e27237~(7)

40) Hyeon jong Kim 1, Hyeok jun Kwon 2, Bong Soo Park 3, Si Hyung Park 4, Jin Han Park 5, Cheol Kyu Oh 6, Ye Jin Kim 7, Il Hwan Kim †, Jung hyuk Ko ††. Implantable ascites drainage stent designs and experiments to improve the quality of life in terminal cancer patients. *한국마린엔지니어링학회지* 2021;45: 269~274

- 41) Dong Ah Lee, Ho Joon Lee, Bong Soo Park, Yoo Jin Lee, Kang Min Park. Can we predict anti-seizure medication response in focal epilepsy using machine learning?. CLINICAL NEUROLOGY AND NEUROSURGERY 2021;211: 107037(1)~(6)
- 42) Chang Min Heo, Won Ho Lee, Bong Soo Park, Yoo Jin Lee, Yang Wook Kim, Dong Ah Lee, Byeong Cheol Yoo, Kang Min Park. Glymphatic Dysfunction in Patients With End-Stage Renal Disease. Frontiers in Neurology 2022;12: 809438(1)~(6)
- 43) Yoo Jin Lee, Eun jae Yoon, Si hyung Park, Yang Wook Kim, Si Eun Kim, Jung hae Ko, Jin Han Park, Kang Min Park, Il Hwan Kim, Bong Soo Park. Alteration of brain connectivity in neurologically asymptomatic patients with chronic kidney disease. MEDICINE 2021;100: e25633~(6)
- 44) 이동아, 고정해, 이호준, 김형찬, 박봉수, 박시형, 김일환, 박진한, 이유진, 박강민. Alterations of the intrinsic amygdala-hippocampal network in juvenile myoclonic epilepsy. Brain and Behavior 2021;11: e2274(1)~(8)
- 45) 이동아, 고정해, 김형찬, 신경진, 박봉수, 김일환, 박진한, 박시형, 박강민. Identifying juvenile myoclonic epilepsy via diffusion tensor imaging. JOURNAL OF CLINICAL NEUROSCIENCE 2021;91: 327~333
- 46) Yoo Jin Lee, Chang Min Heo, Si hyung Park, Yang Wook Kim, Jin Han Park, Il Hwan Kim, Jung hae Ko, Bong Soo Park. Top 100 cited articles on hemodialysis A bibliometric analysis. Medicine 2021;100: e27237~(7)
- 47) Sang Hoon Seol. High-Intensity Focused Ultrasound Induced Changes in Left Ventricular Two-Dimensional Speckle-Tracking Strain in a Mouse Model. journal of cardiovascular imaging 2021;29: 158-159
- 48) Jin o Park, Sang Hoon Seol, Yeo Jeong Song, Seung hwan Kim, Dong Kie Kim, Doo Il Kim and Bong Soo Park. Emphysematous myocardial abscess without infective endocarditis. clinical case reports 2021;9: e04658(1)~e04658(2)
- 49) Sang Hoon Seol, Ki Hun Kim, Jin o Park, Yeo Jeong Song, Dong Kie Kim & Doo Il Kim. Hypertrophic cardiomyopathy with paroxysmal atrial fibrillation misdiagnosed as WPW syndrome. International journal of arrhythmia 2021;22: 1~6
- 50) Yong Hoon Kim, Ae Young Her, Myung Ho Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong, Yang soo Jang. Effects of stent generation on clinical outcomes after acute myocardial infarction compared between prediabetes and diabetes patients. Scientific Reports 2021;11: 9364(1)~9364(12)
- 51) Yong Hoon Kim 1, Ae Young Her 1, Myung Ho Jeong 2, Byeong Keuk Kim 3, Sung Jin Hong 3, Seung hwan Kim 4, Chul Min Ahn 3, Jung Sun Kim 3, Young Guk Ko 3, Dong hoon Choi 3, Myeong Ki Hong 3, Yang soo Jang 3. Outcomes in prediabetes vs. diabetes in patients with non-ST-segment elevation myocardial infarction undergoing percutaneous intervention. CORONARY ARTERY DISEASE 2021;32: 211~223
- 52) Yong Hoon Kim 1, Ae Young Her 1, Myung Ho Jeong 2, Byeong Keuk Kim 3, Sung Jin Hong 3, Seung hwan Kim 4, Chul Min Ahn 3, Jung Sun Kim 3, Young Guk Ko 3, Dong hoon Choi 3, Myeong Ki Hong 3, Yang soo Jang 3. Efficacy of Statin Treatment According to Baseline Renal Function in Korean Patients with Acute Myocardial Infarction Not Requiring Dialysis Undergoing Newer-Generation Drug-Eluting Stent Implantation. Journal of Clinical Medicine 2021;10: 3504~3504

- 53) Yong Hoon Kim, Ae Young Her, Myung Ho Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong & Yangsoo Jang. Comparative effect of statin intensity between prediabetes and type 2 diabetes mellitus after implanting newer-generation drug-eluting stents in Korean acute myocardial infarction patients: a retrospective observational study. *BMC Cardiovascular Disorders* 2021;21: 386(1)~386(15)
- 54) Yong Hoon Kim, Ae Young Her, MD, PhD, Myung Ho Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong and Yang soo Jang. Association of pre-percutaneous coronary flow grade and clinical outcomes in patients with non-ST-segment elevation myocardial infarction. *MEDICINE* 2021;100: e26947~(10)
- 55) Yong Hoon Kim 1, Ae Young Her 2, Myung Ho Jeong 3, Byeong Keuk Kim 4, Sung Jin Hong 4, Seung hwan Kim 5, Chul Min Ahn 4, Jung Sun Kim 4, Young Guk Ko 4, Dong hoon Choi 4, Myeong Ki Hong 4, Yang soo Jang 4. Comparison of two-year clinical outcomes according to glycemic status and renal function in patients with acute myocardial infarction following implantation of new-generation drug-eluting stents. *JOURNAL OF DIABETES AND ITS COMPLICATIONS* 2021;35: 108019(1)~(10)
- 56) Yong Hoon Kim, Ae Young Her, Myung Ho Jeong, Byeong Keuk Kim, Sung Jin Hong, Sang Ho Park, Byung Gyu Kim, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong & Yangsoo Jang. Outcomes between prediabetes and type 2 diabetes mellitus in older adults with acute. *BMC Geriatrics* 2021;21: 653(1)~653(12)
- 57) Yong Hoon Kim, Ae Young Her, Myung Ho Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong, Yangsoo Jang. Two-Year Clinical Outcomes According to Pre-PCI TIMI Flow Grade and Reperfusion. *ANGIOLOGY* 2022;73: 152~164
- 58) Ji hoon Kim 1, Young Bin Song 1, Ju Hyeon Oh 2, Deok Kyu Cho 3, Jin Bae Lee 4, Sang Hyun Kim 5, Jin Ok Jeong 6, Jang Ho Bae 7, Byung Ok Kim 8, Jang Hyun Cho 9, Il Woo Suh 10, Doo Il Kim 11, Hoon Ki Park 12, Jong Seon Park 13, Woong Gil Choi 14, Wang Soo Lee 15, Ki Hong Choi 1, Taek Kyu Park 1, Joo Myung Lee 1, Jeong Hoon Yang 1, Jin Ho Choi 1, Seung Hyuk Choi 1, Hyeon Cheol Gwon 1, Joon Hyung Doh 16, Joo Yong Hahn 1, SMART-DATE Investigators. Effects of Prolonged Dual Antiplatelet Therapy in ST-Segment Elevation vs. Non-ST-Segment Elevation Myocardial Infarction. *CIRCULATION JOURNAL* 2021;85: 817~825
- 59) Jung Joon Cha 1, Soon Jun Hong 1, Hyung Joon Joo 1, Jae Hyoung Park 1, Cheol Woong Yu 1, Tae Hoon Ahn 1, Hyo Soo Kim 2, Woo Jung Chun 3, Seung Ho Hur 4, Seung Hwan Han 5, Seung Woon Rha 6, In Ho Chae 7, Jin Ok Jeong 8, Jung Ho Heo 9, Jung han Yoon 10, Ki Hong Choi 11, Young Bin Song 11, Hyeon Cheol Gwon 11, Jong Seon Park 12, Myeong Ki Hong 13, Joon Hyung Doh 14, Kwang Soo Cha 15, Doo Il Kim 16, Sang Yeub Lee 17, Kiyuk Chang 18, Byung Hee Hwang 18, So Yeon Choi 19, Myung Ho Jeong 20, Chang Wook Nam 4, Bon Kwon Koo 2, Do Sun Lim 1. Differential Factors for Predicting Outcomes in Left Main versus Non-Left Main Coronary Bifurcation Stenting. *Journal of Clinical Medicine* 2021;10: 3024(1)~3024(11)
- 60) Joon Ho Ahn 1,* Ju Yong Hyun 1,* Myung Ho Jeong 1, Ju Han Kim 1, Young Joon Hong 1, Doo Sun Sim 1, Min Chul Kim 1, Hun Sik Park 2, Doo Il Kim 3, Seung Ho Hur 4, Seok Kyu Oh 5, Young keun Ahn 1. Comparative effect of angiotensin converting enzyme inhibitor versus angiotensin II type I receptor blocker in acute myocardial infarction with non-obstructive coronary arteries: from the Korea Acute Myocardial Infarction Registry? National Institute of Health. *Cardiology Journal* 2021;28: 738~745

61) Joo Myung Lee 1, Seung Hun Lee 1 2, Ju won Kim 1, Ki Hong Choi 1, Taek Kyu Park 1, Jeong Hoon Yang 1, Young Bin Song 1, Joo Yong Hahn 1, Jin Ho Choi 1, Seung Hyuk Choi 1, Hyo Soo Kim 3, Woo Jung Chun 4, Chang Wook Nam 5, Seung Ho Hur 5, Seung Hwan Han 6, Seung Woon Rha 7, In Ho Chae 8, Jin Ok Jeong 9, Jung Ho Heo 10, Jung han Yoon 11, Do Sun Lim 12, Jong Seon Park 13, Myeong Ki Hong 14, Joon Hyung Doh 15, Kwang Soo Cha 16, Doo Il Kim 17, Sang Yeub Lee 18, Kiyuk Chang 19, Byung Hee Hwang 20, So Yeon Choi 21, Myung Ho Jeong 2, Soon Jun Hong 12, Bon Kwon Koo 3, Hyeon Cheol Gwon 1. Ten-Year Trends in Coronary Bifurcation Percutaneous Coronary Intervention: Prognostic Effects of Patient and Lesion Characteristics, Devices, and Techniques. *Journal of the American Heart Association* 2021;10: e021632(1)~(17)

62) Jee hoon Kang, Jung Kyu Han, Han Mo Yang, Kyung Woo Park, Hyun Jae Kang, Hyeon Cheol Gwon, Woo Jung Chun, Seung Ho Hur, Seung Hwan Han, Seung Woon Rha, In Ho Chae, Jin Ok Jeong, Jung Ho Heo, Jung han Yoon, Do Sun Lim, Jong Seon Park, Myeong Ki Hong, Joon Hyung Doh, Kwang Soo Cha, Doo Il Kim, Sang Yeub Lee, Kiyuk Chang, Byung Hee Hwang, So Yeon Choi, Myung Ho Jeong, Young Bin Song, Ki Hong Choi, Soon Jun Hong, Chang Wook Nam, Bon Kwon Koo, Hyo Soo Kim. Comparison of 2-Stenting Strategies Depending on Sequence or Technique for Bifurcation Lesions in the Second-Generation Drug-Eluting Stent Era-Analysis From the COBIS (Coronary Bifurcation Stenting) III Registry. *CIRCULATION JOURNAL* 2021;85: 1944~1955

63) Il Suk Sohn 1, Chong Jin Kim 2, Byung Su Yoo 3, Byung Jin Kim 4, Jae Woong Choi 5, Doo Il Kim 6, Sang Hak Lee 7, Woo Hyuk Song 8, Dong Woon Jeon 9, Tae Jun Cha 10, Dae Kyeong Kim 11, Seong Hoon Lim 12, Chang Wook Nam 13, Joon Han Shin 14, Ung Kim 15, Jae Jin Kwak 16, Jun Bean Park 17, Jin Hye Cha 18, Young Joo Kim 19, Ji mi Choi 20, June young Lee 20. Clinical impact of guideline-based practice and patients' adherence in uncontrolled hypertension. *Clinical Hypertension* 2021;27: 26(1)~26(7)

64) So Young Park, Sol mi Kim, Jung Hyun Kim, Sae Hoon Kim, Tae hoon Lee, Sun Young Yoon, Min Hye Kim, Ji Yong Moon, Min Suk Yang, Jae Woo Jung, Joo Hee Kim, Jeong Hee Choi, Chan Sun Park, Su jeong Kim, Jae chun Lee, Jae Woo Kwon, Gyu Young Hur, Sang Ha Kim, Hee Kyoo Kim, Yoo Seob Shin, Sang Hoon Kim, Young Hee Nam, An Soo Jang, Seo Young Park, Tae Bum Kim. Cohort for Reality and Evolution of Adult Asthma in Korea (COREA) Study Group. A Randomized, Noninferiority Trial Comparing ICS + LABA with ICS + LABA + LAMA in Asthma-COPD Overlap (ACO) Treatment: The ACO Treatment with Optimal Medications (ATOMIC) Study. *Journal of Allergy and Clinical Immunology-In Practice* 2021;9: 1304~1311

65) Eun Young Kim, Seok Jin Choi, Jong Lyul Ghim, Mi Yeong Kim, Jung Eun Seol, Min kyung Oh, Chan Sun Park, Jae Gook Shin. The Association Between Iodinated Contrast Media Induced Hypersensitivity and HLA Class I Genotypes in Koreans. *Translational and Clinical Pharmacology* 2021;29: 107~116

66) Jae Ha Lee, Ji Hoon Jang, Jin Han Park, Hang Jea Jang, Chan Sun Park, Sung gun Lee, Seong Ho Kim, Ji Yeon Kim, Hyun Kuk Kim. The role of interleukin-6 as a prognostic biomarker for predicting acute exacerbation in interstitial lung diseases. *PLoS One* 2021;16: e0255365(1)~(13)

67) 하예진, 정소영, 이성근, 박찬선. 오말리주맵(Omalizumab)으로 치료한 수인성 두드러기 1예. *대한내과학회지* 2021;96: 363~367

68) Chan Sun Park, Min Suk Yang, Dong Yoon Kang, Hye Jung Park, So Young Park, Young Hee Nam, Su jeong Kim, Jae Woo Jung, Hye Kyung Park, Hye Ryun Kang and Drug Allergy Work Group of KAAACI. Risk factors of beta-lactam anaphylaxis in Korea: A 6-year multicenter retrospective adult case-control study. *World Allergy Organization Journal* 2021;14: 100580(1)~(11)

- 69) Sae Hoon Kim, Tae hoon Lee, An Soo Jang, Chan Sun Park, Jae Woo Jung, Min Hye Kim, Jae Woo Kwon, Ji Yong Moon, Min Suk Yang, Jae chun Lee, Jeong Hee Choi, Yoo Seob Shin, Hee Kyoo Kim, Su jeong Kim, Joo Hee Kim, Suh Young Lee, Young Hee Nam, Sang Hoon Kim, Tae Bum Kim. Cohort for Reality and Evolution of Adult Asthma (COREA) Study Group. *Journal of Allergy and Clinical Immunology-In Practice* 2021;9: 3638~3646
- 70) Mi Yeong Kim, Eun Jung Jo, Su jeong Kim, Min Hye Kim, Jae Woo Jung, Joo Hee Kim, Ji Yong Moon, Jae Woo Kwon, Jae Hyun Lee, Chan Sun Park, Hyun Jung Jin, Yoo Seob Shin, Sae Hoon Kim, Young Joo Cho, Jung Won Park, Sang Heon Cho, Tae Bum Kim, Hye Kyung Park. Association Between Clinical Burden and Blood Eosinophil Counts in Asthma: Findings From a Korean Adult Asthma Cohort. *J Korean Med Sci* 2022 Feb 21;37(7): e57(1)~(15)
- 71) Jae Hyung Roh, Han byul Lee, Bae Yun Jeong, Chan Sun Park, Hyo Jung Ki, Sun Young Yoon. A nationwide survey of the association between nonalcoholic fatty liver disease and the incidence of asthma in Korean adults. *PLoS ONE* 17(1): e0262715(1)~(13)
- 72) Jun Sung Moon 1, Sung hwan Suh 2, Sang Soo Kim 3, Heung Yong Jin 4, Jeong Mi Kim 3, Min Hee Jang 3, Kyung Ae Lee 4, Ju Hyung Lee 5, Seung Min Chung 1, Young Sang Lyu 6, Jin Hwa Kim 6, Sang Yong Kim 6, Jung Eun Jang 7, Tae Nyun Kim 7, Sung Woo Kim 8, Eon ju Jeon 8, Nan Hee Cho 9, Mi Kyung Kim 9, Hye Soon Kim 9, Il Seong Nam Goong 10, Eun Sook Kim 10, Jin Ook Chung 11, Dong Hyeok Cho 11, Chang Won Lee 12, Young Il Kim 8, Dong Jin Chung 11, Kyu Chang Won 1, In Joo Kim 3, Tae Sun Park 4, Duk Kyu Kim 2, Hosang Shon 8. Efficacy and Safety of Treatment with Quadruple Oral Hypoglycemic Agents in Uncontrolled Type 2 Diabetes Mellitus: A Multi-Center, Retrospective, Observational Study. *DIABETES & METABOLISM JOURNAL* 2021;45: 675~683
- 73) Dae Yun Seo, Jun Hyun Bae, Didi Zhang, Wook Song, Hyo Bum Kwak, Jun Won Heo, Su Jeen Jung, Hyeong Rok Yun, Tae Nyun Kim, Sang Ho Lee, Amy Hyein Kim, Dae Hoon Jeong, Hyoung Kyu Kim, Jin Han. Effects of cisplatin on mitochondrial function and autophagy-related proteins in skeletal muscle of rats. *BMB Reports* 2021;54: 575~580
- 74) Cheol Ryong Ku, Kyong Yeun Jung, Chang Ho Ahn, Jun Sung Moon, Ju Hee Lee, Eun Heui Kim, Hyemi Kwon, Hee Kyung Kim, Sung hwan Suh, Sang mo Hong, Jeong hoon Ha, Eun Roh, Jin Hwa Kim, Mi Kyung Kim, Committee of Clinical Practice Guideline of the Korean Endocrine Society. COVID-19 Vaccination for Endocrine Patients: A Position Statement from the Korean Endocrine Society. *Endocrinol Metab (Seoul)*. 2021 ;36(4): 757~765
- 75) Mi Kyung Kim. Albuminuria Is Associated with Steatosis Burden in Patients with Type 2 Diabetes Mellitus and Nonalcoholic Fatty Liver Disease (*Diabetes Metab J* 2021;45:698-707). *Diabetes Metab J*. 2021 ;45(6): 968~969
- 76) Jae Ha Lee etc. The role of interleukin-6 as a prognostic biomarker for predicting acute exacerbation in interstitial lung diseases. *PLoS One* 2021;16: 1~13
- 77) Sung gun Lee. Efficacy and tolerability of febuxostat in gout patients on dialysis. *INTERNAL MEDICINE JOURNAL* 2021;51: 348~354
- 78) Sung gun Lee. Current advances in the treatment of autoimmune-associated interstitial lung diseases. *대한의사협회지* 2021;64: 264~276

- 79) Sung gun Lee. The role of interleukin-6 as a prognostic biomarker for predicting acute exacerbation in interstitial lung diseases. *PLoS One* 2021;16: e0255365(1~(13))
- 80) 이성근(Seong Geun Lee). 오말리주맙(Omalizumab)으로 치료한 수인성 두드러기 1예. *대한내과학회지* 2021;96: 363~367
- 81) 강명주. 면역관문억제제를 이용한 항암 치료의 부작용 관리 2021;64: 358~365
- 82) Chang hoon Yoo, Kyu pyo Kim, Jae Ho Jeong, Il hwan Kim, Myoung Joo Kang, Jae kyung Cheon, Byung Woog Kang, Hye won Ryu, Ji Sung Lee, Kyung Won Kim, Ghassan K Abou-Alfa, Baek Yeol Ryoo. Liposomal irinotecan plus fluorouracil and leucovorin versus fluorouracil and leucovorin for metastatic biliary tract cancer after progression on gemcitabine plus cisplatin (NIFTY):a multicentre, open-label, randomised, phase 2b study. *LANCET ONCOLOGY* 2021;22: 1560~1572
- 83) Yoo Jin Lee, Bong Soo Park, Si hyung Park, Jin Han Park, Il Hwan Kim, Jung hae Ko, Yang Wook Kim. Analysis of the risk factors of acute kidney injury after total hip or knee replacement surgery. *Yeungnam University Journal of Medicine* 2021;38: 136~141
- 84) H S Park 1, B Kang 2, H J Chon 2, H S Im 3, C K Lee 4, I Kim 5, M J Kang 5, J E Hwang 6, W K Bae 6, J Cheon 7, J O Park 8, J Y Hong 8, J H Kang 9, J H Kim 9, S H Lim 10, J W Kim 11, J W Kim 11, C Yoo 12, H J Choi 13. Liposomal irinotecan plus fluorouracil/leucovorin versus FOLFIRINOX as the 2nd line CTx for PTs with mPAC : KCSG. *ESMO Open* 2021;6: 100049(1)~100049(7)
- 85) Jae Ha Lee 1,*, Jin Han Park 1,*, Hyo Jung Kim 1, Hyun Kuk Kim 1, Ji Hoon Jang 1, Yong Kyun Kim 2, Bong Soo Park 3, Si Hyung Park 3, Il Hwan Kim 4, Se Hun Kim 5, Woon Heo 6, Hang Jea Jang 1. The effects of direct hemoperfusion with polymyxin B-immobilized fiber in patients with acute exacerbation of interstitial lung disease. *Acute and Critical Care (Korean J Crit Care Med)* 2021;36: 126~132
- 86) Jin Hee Park, Hee Yeon Kim, An bok Lee, Young Kyeong Seo, Il Hwan Kim, Eun tae Park, Sung Jae Park, Sae Gwang Park. Enlightening the Immune Mechanism of the Abscopal Effect in a Murine HCC Model and Overcoming the Late Resistance With Anti-PD-L1. *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS* 2021;110: 510~520
- 87) Xingguo Quan, Ji Young Lee, Jin Hee Park, Md. Masudul Haque, Hee Yeon Kim, Il hwan Kim, An bok Lee, Il Whan Choi, and Sae Gwang Park. Induction of Triple-negative Breast Cancer Cells to Immunogenic Cell Death and Increase Cross-Presentation by *Streptomyces sanyensis*. *Pharmacogn Research* 2021;13: 165~172
- 88) Dong Ah Lee, Jung hae Ko, Ho Joon Lee, Hyung Chan Kim, Bong Soo Park, Si hyung Park, Il Hwan Kim, Jin Han Park, Yoo Jin Lee, Kang Min Park. Alterations of the intrinsic amygdala-hippocampal network in juvenile myoclonic epilepsy. *Brain and Behavior* 2021;11: e2274(1)~e2274(8)
- 89) Hyeon jong Kim, Hyeok jun Kwon, Bong Soo Park, Si Hyung Park, Jin Han Park, Cheol Kyu Oh, Ye Jin Kim, Il Hwan Kim, Jung hyuk Ko. Implantable ascites drainage stent designs and experiments to improve the quality of life in terminal cancer patients. *한국마린엔지니어링학회지* 2021;45: 269~274
- 90) AN BOK LEE, HYEON OK JIN, MD. MASUDUL HAQUE, HEE YEON KIM, HA NA JUNG, JIN HEE PARK, IL HWAN KIM, JOO YEON SONG, HYE KYOUNG YOON, HYOUNG KYU KIM, JIN HAN, IN CHUL PARK, KWANG

SEOK KIM and SAE GWANG PARK. Synergism of a novel MCL-1 downregulator, acriflavine, with navitoclax (ABT-263) in triple-negative breast cancer, lung adenocarcinoma and glioblastoma multiforme. INTERNATIONAL JOURNAL OF ONCOLOGY 2022;60: 2(1)~2(12)

91) Hong sik Kim MD, Dong Wan Kim MD, PhD, Mi so Kim MD, PhD, Young joo Lee MD, PhD, Hee Kyung Ahn MD, PhD, Jang Ho Cho MD, PhD, Il Hwan Kim MD, PhD, Yun Gyoo Lee MD, PhD, Seong Hoon Shin MD, PhD, Song Ee Park MD, PhD, Ji yoon Jung MD, PhD, Eun Joo Kang MD, PhD, Myung Ju Ahn MD, PhD. Long-Term Outcomes in Patients with advanced and/or metastatic NSCLC who completed 2 years of ICI or achieved a durable response after discontinuation without progression multicenter Real world data. CANCER 2022;128: 778~787

92) Jwa Hoon Kim 1 2, Chang hoon Yoo 1, Se young Seo 1, Jae Ho Jeong 1, Baek Yeol Ryoo 1, Kyu Pyo Kim 1, Jung Bok Lee 3, Keun Wook Lee 4, Ji Won Kim 4, Il Hwan Kim 5, Myoung joo Kang 5, Hye won Ryu 6, Jae kyung Cheon 7, Sook Ryun Park 1. A Phase II Study to Compare the Safety and Efficacy of Direct Oral Anticoagulants versus Subcutaneous Dalteparin for Cancer-Associated Venous Thromboembolism in Patients with Advanced Upper Gastrointestinal, Hepatobiliary and Pancreatic Cancer: PRIORITY. Cancers 2022;14: 559(1)~559(15)

93) Moo Kon Song 1, Joo Seop Chung 2, Sung Nam Lim 3, Won Sik Lee 4, Sang Min Lee 4, Seong Jang Kim 5, Hye Kyung Shim 6, Seok Mo Lee 7. Clinical impact of extranodal metabolic tumor volume in 240 diffuse large B cell lymphoma patients with extranodal involvement. ANNALS OF HEMATOLOGY 2021;100: 1221~1229

94) Seom Gim Kong 1, Je Hwan Lee 2, Young Tak Lim 3, Ji Hyun Lee 4, Hyeon Seok Eom 5, Hye won Lee 5, Do Young Kim 6, Sung Nam Lim 7, Sung Soo Yoon 8, Sung Yong Kim 9, Ho Sup Lee 10. Influence of creatinine levels on survival in patients with veno-occlusive disease treated with defibrotide. KOREAN JOURNAL OF INTERNAL MEDICINE 2022;37: 179~189

95) Jae Ha Lee, Ji Hoon Jang, Jin Han Park, Hang Jea Jang, Chan Sun Park, Sung gun Lee, Seong Ho Kim, Ji Yeon Kim, Hyun Kuk Kim. The role of interleukin-6 as a prognostic biomarker for predicting acute exacerbation in interstitial lung diseases. PLoS One 2021;16: e0255365~(13)

96) Ji yeon Roh 1, Jung Seop Eom 1, Min Ki Lee 1, Je hun Kim 2, Tae won Jang 2, Seong Hoon Yoon 3, Choon Hee Son 4, Hyun Kyung Lee 5, Hyun Kuk Kim 6, Shin Yup Lee 7, Kyeong Choel Shin 8, Mi Hyun Kim 1. Prognostic Factors of Second-line Immune Checkpoint Inhibitors in Patients With Advanced-stage Non-Small Cell Lung Cancer. AMERICAN JOURNAL OF CLINICAL ONCOLOGY-CANCER CLINICAL TRIALS 2021; 44: 356~360

97) Ha young Choi, Hyun Lee, Seung Won Ra, Hyun Kuk Kim, Jae Seung Lee, Soo Jung Um, Sang Heon Kim, Yeon Mok Oh, Yong Soo Kwon. Clinical Characteristics of Patients with Post-Tuberculosis Bronchiectasis: Findings from the KMBARC Registry. Journal of Clinical Medicine 2021;10: 4542~4551

98) Fernando Sergio Leitao Filho 1 2, Hiroto Takiguchi 1 2 3, Kentaro Akata 1 2 4, Seung Won Ra 1 2 5, Ji Yong Moon 1 2 6, Hyun Kuk Kim 1 2 7, Yu ji Cho 1 2 8, Kei Yamasaki 1 2 9, Stephen Milne 1 2 10, Julia Yang 1 2, Cheng Wei Tony Yang 1 2, Xuan Li 1 2, Corey Nislow 11, Stephan F van Eeden 1 2, Tawimas Shaipanich 1 2, Stephen Lam 1 2 12, Janice M Leung 1 2, Don D Sin 1 2. Effects of Inhaled Corticosteroid/Long-Acting β_2 -Agonist Combination on the Airway Microbiome of Patients with Chronic Obstructive Pulmonary Disease: A Randomized Controlled Clinical Trial (DISARM). AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE 2021;18: 1143~1152

99) Jae Ha Lee 1, Dong Hwan Lee 2, Jin Soo Kim 3, Won Beom Jung 3, Woon Heo 4, Yong Kyun Kim 5, Se Hun Kim 6, Tae Hoon No 7, Kyeong Min Jo 7, Jung hae Ko 8, Ho Young Lee 9, Kyung Ran Jun 10, Hye Sook Choi 11, Ji Hoon Jang 1, Hang Jea Jang 1. Pharmacokinetics and Monte Carlo Simulation of Meropenem in Critically Ill Adult Patients Receiving Extracorporeal Membrane Oxygenation. *Frontiers in Pharmacology* 2021;12: 768912~(10)

100) Si hyung Park 1, Bong Soo Park 1, Yoo Jin Lee 1, Il Hwan Kim 1, Jin Han Park 1, Jung hae Ko 1, Yang Wook Kim 1, Kang Min Park 2. Artificial intelligence with kidney disease: A scoping review with bibliometric analysis, PRISMA-ScR. *MEDICINE* 2021;100: e25422~(7)

101) Yoo Jin Lee 1, Eun jae Yoon 1, Si hyung Park 1, Yang Wook Kim 1, Si Eun Kim 2, Jung hae Ko 1, Jin Han Park 1, Kang Min Park 2, Il Hwan Kim 1, Bong Soo Park 1. Alteration of brain connectivity in neurologically asymptomatic patients with chronic kidney disease. *MEDICINE* 2021;100 e25633~(6)

102) Jae Ha Lee 1, Jin Han Park 1, Hyo Jung Kim 1, Hyun Kuk Kim 1, Ji Hoon Jang 1, Yong Kyun Kim 2, Bong Soo Park 3, Si Hyung Park 3, Il Hwan Kim 4, Se Hun Kim 5, Woon Heo 6, Hang Jea Jang 1. The effects of direct hemoperfusion with polymyxin B-immobilized fiber in patients with acute exacerbation of interstitial lung disease. *Acute and Critical Care (Korean J Crit Care Med)* 2021;36: 126~132

103) Dong Ah Lee 1, Jung hae Ko 2, Ho Joon Lee 3, Hyung Chan Kim 1, Bong Soo Park 2, Si hyung Park 2, Il Hwan Kim 2, Jin Han Park 2, Yoo Jin Lee 2, Kang Min Park 1. Alterations of the intrinsic amygdala-hippocampal network in juvenile myoclonic epilepsy. *Brain and Behavior* 2021;11: e2274~(8)

104) Dong Ah Lee 1, Jung hae Ko 2, Hyung Chan Kim 1, Kyong Jin Shin 1, Bong Soo Park 2, Il Hwan Kim 2, Jin Han Park 2, Si hyung Park 2, Kang Min Park 3. Identifying juvenile myoclonic epilepsy via diffusion tensor imaging using machine learning analysis. *JOURNAL OF CLINICAL NEUROSCIENCE* 2021;91: 327 ~ 333.

105) Yoo Jin Lee 1, Chang Min Heo, Si hyung Park, Yang Wook Kim, Jin Han Park, Il Hwan Kim, Jung hae Ko, Bong Soo Park. Top 100 cited articles on hemodialysis: A bibliometric analysis. *MEDICINE* 2021;100: e27237~(7)

106) Ji Hoon Jang 1, Hang Jea Jang 1, Hyun Kuk Kim 1, Jin Han Park 1, Hyo Jung Kim 1, Kyeong Min Jo 1, Woon Heo 2, Se Hun Kim 3, Tae Hoon No 4, Jae Ha Lee 5. Acute respiratory distress syndrome caused by carbon monoxide poisoning and inhalation injury recovered after extracorporeal membrane oxygenation along with direct hemoperfusion with polymyxin B-immobilized fiber column: a case report. *JOURNAL OF MEDICAL CASE REPORTS* 2021;15: 456(1)~456(5)

107) Jae Ha Lee 1, Eun Jin Chae 2, Joon Seon Song 3, Mi ae Kim 4, Jin Woo Song 5. Pleuroparenchymal fibroelastosis in Korean patients: clinico-radiologic-pathologic features and 2-year follow-up. *KOREAN JOURNAL OF INTERNAL MEDICINE* 2021;36: 132~141

108) Sunggun Lee, MD1, Jae Ha Lee, MD2. Current advances in the treatment of autoimmune-associated interstitial lung diseases. *대한의사협회지* 2021;64: 264~276

109) Sung Woo Moon 1, Song Yee Kim 1, Man Pyo Chung 2, Hong seok Yoo 2, Sung Hwan Jeong 3, Dong Soon Kim 4, Jin Woo Song 4, Hong Lyeol Lee 5, Sun Mi Choi 6, Young Whan Kim 6, Yong Hyun Kim 7, Choon Sik Park 8, Sung Woo Park 8, Jong Sun Park 9, Yang jin Jegal 10, Jong min Lee 11, Soo Taek Uh 12, Tae Hyung Kim 13, Jae Ha Lee 14, Yee Hyung Kim 15, Bum su Shin 16, Hyun Kyung Lee 17, Sei Hoon

Yang 18, Hyun Lee 19, Sang Heon Kim 19, Eun Joo Lee 20, Hye Sook Choi 21, Hye jung Shin 22, Yong Bum Park 23, Jong Wook Shin 24, Moo Suk Park 1. Longitudinal Changes in Clinical Features, Management, and Outcomes of Idiopathic Pulmonary Fibrosis. A Nationwide Cohort Study. *Annals of the American Thoracic Society* 2021;18: 780~787

110) Sikandar Ali 1, Ali Hussain 1, Satyabrata Aich 2, Moo Suk Park 3, Man Pyo Chung 4, Sung Hwan Jeong 5, Jin Woo Song 6, Jae Ha Lee 7, Hee Cheol Kim 8. A Soft Voting Ensemble-Based Model for the Early Prediction of Idiopathic Pulmonary Fibrosis (IPF) Disease Severity in Lungs Disease Patients. *Life-Basel* 2021;9: 1092(1)~1092(12)

111) Hyun Woo Lee, M.D.1, Yun Su Sim, M.D., Ph.D.2, Ji Ye Jung, M.D., Ph.D.3, Hyewon Seo, M.D.4, Jeong Woong Park, M.D., Ph.D.5, Kyung Hoon Min, M.D., Ph.D.6, Jae Ha Lee, M.D., Ph.D.7, Byung Keun Kim, M.D., Ph.D.8, Myung Goo Lee, M.D., Ph.D.9, Yeon Mok Oh, M.D., Ph.D.10, Seung Won Ra, M.D., Ph.D.11, Tae Hyung Kim, M.D., Ph.D.12, Yong il Hwang, M.D., Ph.D.13, Chin Kook Rhee, M.D., Ph.D.14, Hyonsoo Joo, M.D., Ph.D.15, Eung Gu Lee, M.D.16, Jin Hwa Lee, M.D., Ph.D.17, Hye Yun Park, M.D., Ph.D.18, Woo Jin Kim, M.D., Ph.D.19, Soo Jung Um, M.D., Ph.D.20, Joon Young Choi, M.D., Ph.D.21, Chang Hoon Lee, M.D., Ph.D.22, Tai Joon An, M.D.23, Yeon hee Park, M.D.24, Young Soon Yoon, M.D.25, Joo Hun Park, M.D., Ph.D.26, Kwang Ha Yoo, M.D., Ph.D.27, Deog Kyeom Kim, M.D., Ph.D.1. A Multicenter Study to Identify the Respiratory Pathogens Associated with Exacerbation of Chronic Obstructive Pulmonary Disease in Korea. *Tuberculosis and Respiratory Diseases(결핵및호흡기질환)* 2022;85: 37~46

외과 (Surgery)

1) Woo Yong Lee. Bezoar as a cause of jejunal afferent loop mass after pylorus preserving pancreaticoduodenectomy: A case report. *International Journal of Surgery Case Reports* 2021;85: 106177(1)~(3)

2) Woo Yong Lee. Tuberculosis of Cystic Duct Lymph Node Associated with Cholecystitis. *대한소화기학회지* 2021;78: 245~248

3) Byung Woo Yoon and Woo Yong Lee. The oncologic safety and accuracy of indocyanine green fluorescent dye marking in securing the proximal resection margin during totally laparoscopic distal gastrectomy for gastric cancer: a retrospective comparative study. *World Journal of Surgical Oncology* 2022;20: 26(1)~26(8)

4) Ji Yoon Jeong, Keang Hee Kim, Sang Hyuk Seo, Min Sung An, Hyung Joo Baik, Jin soo Kim, Ki Hoon Kim, Sang Hoon Oh. Long-term outcomes of gastric cancer in a small institute: a single surgeon Experience. *Indian Journal of Surgery* 2021;83: 531~538

5) Jae Ha Lee, Dong Hwan Lee, Jin Soo Kim, Won Beom Jung, Woon Heo, Yong Kyun Kim, Se Hun Kim, Tae Hoon No, Kyeong Min Jo, Jung hae Ko, Ho Young Lee, Kyung Ran Jun, Hye Sook Choi, Ji Hoon Jang, Hang Jea Jang. Pharmacokinetics and Monte Carlo Simulation of Meropenem in Critically Ill Adult Patients Receiving Extracorporeal Membrane Oxygenation. *Frontiers in Pharmacology* 2021;12: 768912(1)~(10)

6) 김진수. Study of PHA-739358-induced Apoptosis in Epstein-Barr virus transformed B Cells. 2022.

7) Ki Hoon Kim. Intussusception in adults: A retrospective review from a single institution. open access emergency medicine 2021;13: 233~237

- 8) Han Kwang Yang 1, Woo Jin Hyung 2, Sang Uk Han 3, Young Jun Lee 4, Joong Min Park 5, Gyu Seok Cho 6, Oh Kyoung Kwon 7, Seong Ho Kong 1, Hyoung Il Kim 2, Hyuk Joon Lee 1, Wook Kim 8, SeungWan Ryu 9, Sung HoJin 10, SungJinOh 11, KeunWonRyu 12, Min ChanKim 13, HyeSeongAhn 14, YoungKyuPark 15, YongHoKim 16, Sun HwiHwang 17, JongWonKim 5, Jin JoKim18. Comparison of surgical outcomes among different methods of esophagojejunostomy in laparoscopic total gastrectomy for clinical stage I proximal gastric cancer: results of a single-arm multicenter phase II clinical trial in Korea, KLASS 03. SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES 2021;35: 1156~1163
- 9) Sung Jin Oh. Long-Term Survival of Two Patients with Liver Metastases from Advanced Gastric Cancer Treated with Radiofrequency Ablation and Chemotherapy. Case report in oncology 2021;14: 67~72
- 10) Sang Ho Jeong 1, Moon Won Yoo 2, Young Gil Son 3, Sung Jin Oh 4, Jong Han Kim 5, Hyoung Il Kim 6, Joong Min Park 7, Hoon Hur 8, Ye Seob Jee 9, Sun Hwi Hwang 10, Sung Ho Jin 11, Sang Eok Lee 12, Yong Joon Lee 1, Kyung Won Seo 13, Sung soo Park 5, Chang Min Lee 5, Chang Hyun Kim 14, In Ho Jeong 15, Han Hong Lee 16, Sung Il Choi 17, Sang Il Lee 18, Chan Young Kim 19, Hyun dong Chae 20, Myoung Won Son 21, Kyung Ho Pak 22, Sung soo Kim 15, Moon Soo Lee 23, Jae Seok Min 24. Appropriate Number of Adjuvant Chemotherapy Cycles for Patients with Stage 2 or 3 Gastric Cancer After Curative Gastrectomy: A Multicenter Cohort Study. ANNALS OF SURGICAL ONCOLOGY 2021;28: 4458~4470
- 11) Jin Lee, Sung Jin Oh. Gastric Neuroendocrine Tumor Mimicking Gastrointestinal Stromal Tumor: A Case Report. Case Reports in Oncology 2021;14: 1271~1276
- 12) Jung Sun Lee, Min kyung Oh. Breast Cancer screening in Asian women with dense breast by mammography: a cross-sectional observational study. Asian pacific journal of cancer prevention 2021;22: 1165~1170
- 13) Park JI, Jung BH. Immunosuppression for liver transplant recipients during the COVID-19 pandemic. Annals of liver transplanation 2021;1: 129~134
- 14) Chung YK, Jung BH, Wang HJ. Primary Hepatic Actinomycosis Mimicking Hepatic Malignancy. 대한소화기 학회지 2022;79: 45~48
- 15) Jie un Kim, Ye daun Lee, Jung Hee Yoon, Ho Joon Lee, Yun Jung Lim, Ji sook Yi&Won Beom Jung. Non-strangulated adhesive small bowel obstruction: CT findings predicting outcome of conservative treatment. EUROPEAN RADIOLOGY 2021;31: 1597~1607
- 16) Kwang woo Nam, Won Beom Jung, Seung Bum Lee, Jae Seung Soh, Song Soo Yang, Seok Won Jung. Predictors of reoperation for perianal fistula in Crohn's disease. Journal of Digestive Diseases 2021;22: 334~341
- 17) Bang Wool Eom Byoung Jo Suh et. al. Development and Validation of a Symptom-Focused Quality of Life Questionnaire(KOQUSS-40)for Gastric Cancer Patients after Gastrectomy. Cancer Research and Treatment 2021;53: 763~772
- 18) Ki Hoon Kim. Intussusception in adults: A retrospective review from a single institution. Open access emergency medicine 2021;13: 233~237
- 19) Ji Yoon Jeong, Kwang Hee Kim, Ki Hoon Kim, et al. Long-term Outcomes of gastric cancer in a small institute: a single surgeon experience. Indian Journal of surgery 2021;83(2): 531~538

- 20) Gil Jae Lee, Kyu Hyouck Kyoung, Ki Hoon Kim, et al. Current status of initial antibiotic therapy and analysis of infections in patients with solitary abdominal trauma: a multicenter trial in Korea. *Ann Surg Treat Res* 2021;100(2): 119~125
- 21) Yamamoto M, Yoshida M, Furuse J, Wang HJ, et al. Clinical practice guidelines for management of liver metastases from extrahepatic primary cancers 2021. *J hepatobiliary Pancreat Sci* 2021;28: 1~25
- 22) Ji eun Kim, Ye daun Lee, Jung Hee Yoon, Ho Joon Lee, Yun Jung Lim, Ji sook Yi, Won Beom Jung. Non-strangulated adhesive small bowel obstruction: CT findings predicting outcome of conservative treatment. *European Radiology* 2021;31: 1597~1607
- 23) Yong Kyu Chung, Shin Hwang, Sung Gyu Lee et al. Fates of retained hepatic segment IV and its prognostic impact in adult split liver transplantation using an extended right liver graft. *Ann Surg Treat Res* 2021;101(1): 37~48

정형외과 (Orthopedic Surgery)

- 1) Young Min Noh, Gyu Min Kong, Sang Won Moon, Hyo Seok Jang, Seung chul Kim, Gyeong Gu Bak, Young bok Kim. Lateral ulnar collateral ligament (LUCL) reconstruction for the treatment of recalcitrant lateral epicondylitis of the elbow: a comparison with open debridement of the extensor origin. *JSES International* 2021;5: 578~587
- 2) Young bok Kim, Min sung Kwon, Ji Young Ryu, and Sang Won Moon. Biomechanical Analysis of the Kirschner-Wire Depth of the Modified Tension Band Wiring Technique in Transverse Patellar Fractures: An Experimental Study Using the Finite-Element Method. *Clinics in Orthopedic Surgery (CiOS)* 2021;13: 315~319
- 3) Sang Won Moon. Outcomes of human umbilical cord blood-derived mesenchymal stem cells in enhancing tendon-graft healing in anterior cruciate ligament reconstruction: an exploratory study. *Knee Surgery&Related Research* 2021;33: 32(1)~(10)
- 4) Sang Won Moon. Intramedullary tibia nailing with external fixation. *European Journal of Trauma and Emergency Surgery* 2021;47: 1947~1955
- 5) 최병완, 박경구. 요추 경막외 신경차단술 후 진행되는 하지마비를 동반한 전 요추 경막하 혈종. 대한 정형외과 학회지 2021;56: 178~182
- 6) 최병완, 김성수, 김호진. 외상성 경추 손상 후 수상에서 응급수술까지의 시간 지연과 관련된 인자(Factors Related to the Time Interval from Injury to Emergent Surgical Management In Cases of Traumatic Cervical Spinal Injury). 대한 척추외과 학회지 2021;28: 80~85
- 7) BW Choi, MS Choi, H Chang. Radiological Assessment of the Effects of Anterior Cervical Discectomy and Fusion on Distraction of the Posterior Ligamentum Flavum in Patients with Degenerative Cervical Spines. *Clinics in Orthopedic Surgery (CiOS)* 2021;13: 499~504
- 8) 박형진, 한석, 이지숙, 방진영, 김영복, 정형경, 백지연. Clinical Assessments and MRI Findings Suggesting Early Surgical Treatment for Patients with Medial Epicondylitis. *대한영상의학학회지* 2021;82: 613~625

- 9) Suk Hwan Jang, Kyung Whan Kim, Hyo Seok Jang, Yeong Seok Kim, Ho jin Kim and Young bok Kim. Topographical measurement of the attachments of the central band of the interosseous membrane on interosseous crests of the radius and ulna. 대한견주관절 학회지 2021;24: 253~260
- 10) 이상진. Anterior cruciate ligament avulsion fracture following medial unicompartmental knee arthroplasty: A case report. Annals of Medicine and Surgery 2021;65: 102328~(8)
- 11) 공규민, 김승철. 전위성 치골 골절의 경피적 고정술: 술기보고. 대한정형외과학회지 2021;56: 361~365
- 12) 임재영, 유준일, 김록범, 구형준, 공규민, 하용찬. Comparison of the incidence rates of hip and vertebral fragility fractures according to cataract surgery in elderly population: a nationwide cohort study. Archives of Osteoporosis 2022;17: 30(1)~30(10)
- 13) 방진영, 한석, 이지숙, 임윤정, 정현경. Clinical applicability of shear wave elastography for the evaluation. EUROPEAN RADIOLOGY 2021;31: 6726~6735
- 14) Kwak YH, Nam JH, Koh YG, Park BK, Kang K. Anatomic Differences in the Sagittal Knee Joint Are Associated With ACL Injury: Results From a Skeletally Immature Korean Population. Orthopaedic Journal of Sports Medicine 2021;9: 2325967121~(8)
- 15) I Rhee, WS Do, KB Park, BK Park, HW Kim. Hip-Spine Syndrome in Patients With Spinal Cord Injuries: Hyperlordosis Associated With Severe Hip Flexion Contracture. Frontiers in Pediatrics 2021;9: 646107~(9)

흉부외과 (Cardiovascular and Thoracic Surgery)

- 1) Do Kyun Kang, Min Kyun Kang, Woon Heo, Youn Ho Hwang. Single center experience of uniportal VATS anatomical lung resection: Mid-term oncological outcomes. Thoracic Cancer 2021;12: 1006~1013
- 2) Do Kyun Kang, Min Kyun Kang, Woon Heo, Youn Ho Hwang, Ji Yeon Kim. Primary pulmonary Undifferentiated pleomorphic sarcoma: A rare malignant lung tumor. Journal of Investigative Medicine High Impact Case Reports 2021;9: 1~3
- 3) Do Kyun Kang, Min Kyun Kang, Woon Heo, Youn Ho Hwang, Kyung Han Nam. Multiple small bowel metastasis of primary non-small cell lung cancer. Clinical Case Reports 2021;9: 1896~1898
- 4) Do Kyun Kang, Min Kyun Kang, Woon Heo, Youn Ho Hwang. Large infected pulmonary cyst mimicking empyema thoracis. Clinical Case Reports 2021;9: 2467~2468
- 5) Do Kyun Kang, Min Kyun Kang, Woon Heo, Youn Ho Hwang. Primary pulmonary diffuse large B-cell lymphoma in a young female patient. Clinical Case Reports 2021;9: e931042~(2)
- 6) Do Kyun Kang, Min Kyun Kang, Woon Heo, Youn Ho Hwang. Successful Repair of Bronchoesophageal Fistula Through Uniportal Video-Assisted Thoracoscopic Surgery. Journal of Investigative Medicine High Impact Case Reports 2021;9: 1~3

- 7) Do Kyun Kang, Min Kyun Kang, Woon Heo, Youn Ho Hwang. Cardiac tamponadedue to ruptured cystic teratoma: report of two cases. Oxford Medical Case Reports 2021;2021: 222~224
- 8) Do Kyun Kang, Min Kyun Kang, Woon Heo, Youn Ho Hwang, Ji Yeon Kim. Large pulmonary sclerosing pneumocytoma in a young female: A rare lung tumor. Thoracic Cancer 2021;12: 1909~1911
- 9) Do Kyun Kang, Min Kyun Kang, Woon Heo, Youn Ho Hwang. Subxiphoid single-port thymectomy: six-year experience of a single center. ANZ JOURNAL OF SURGERY 2021;91: 2188~2191
- 10) 이재하, 박진한, 김효정, 김현국, 장지훈, 김용균, 박봉수, 박시형, 김일환, 김세훈, 허운, 장항제. The effects of direct hemoperfusion with polymyxin B-immobilized fiber in patients with acute exacerbation of interstitial lung disease. Acute and Critical Care(Korean J Crit Care Med) 2021;36: 126~132
- 11) Myeong Su Kim, Tae Hoon Kim, Ha Lee, Suk Won Song, Woon Heo, Seo A Sim, Kyung Jong Yoo. Note the descending aorta: predictors of postoperative major adverse aortic event in pure acute type A intramural hematoma. Journal of Thoracic Disease 2021;13: 4935~4946
- 12) Ji Hoon Jang, Hang Jea Jang, Hyun Kuk Kim, Jin Han Park, Hyo Jung Kim 1, Kyeong Min Jo, Woon Heo, Se Hun Kim, Tae Hoon No, Jae Ha Lee. Acute respiratory distress syndrome caused by carbon monoxide poisoning and inhalation injury recovered after extracorporeal membrane oxygenation along with direct hemoperfusion with polymyxin B-immobilized fiber column: a case report. Journal of Medical Case Reports 2021;15: 456(1)~456(5)
- 13) 이재하, 이동환, 김진수, 정원범, 허운, 김용균, 김세훈, 노태훈, 조경면, 고정해, 이호영, 전경란, 최혜숙, 장지훈, 장항제. Pharmacokinetics and Monte Carlo Simulation of Meropenem in Critically Ill Adult Patients Receiving Extracorporeal Membrane Oxygenation. Frontiers in Pharmacology 2021;12: 768912(1)~(6)
- 14) 허운. Quantification of visceral perfusion and impact of femoral cannulation: in vitro model of aortic dissection. 연세대학교 2022;00: 1~10

신경외과 (Neurosurgery)

- 1) Seung Hwan Kim, Seong Won Kim, Hyun gon Lee, Su Bin Kim, Sung Tae Kim, Jin Wook Baek, Young Jin Heo, Hae Woong Jeong, Hye Jin Kim, Jung Hyun Park, Jung Soo Kim, Sung Chul Jin. Differences between proximal and distal M1 occlusions after mechanical thrombectomy. JOURNAL OF CLINICAL NEUROSCIENCE 2021;87: 1~7
- 2) Kyeong min Kim, Sung min Lee, Hyun koo Kang, Eun guk Shin, Hae Yu Kim, Hey Sook Youn, Bu Hyun Youn. Dual specificity kinase DYRK3 promotes aggressiveness of glioblastoma by altering mitochondrial morphology and function. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 2021;22: 2982(1)~ 2997(16)
- 3) Jae wan Jeon, Sung min Lee, Hyun woo Kim, Hyun koo Kang, Hye sook Youn, Sun mi Jo, Bu hyun Youn, Hae yu Kim. Revisiting platinum-based anticancer drugs to overcome gliomas. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 2021;22: 5111~5130

4) Hyun koo Kang, Sung min Lee, Kyeong min Kim, Jae wan Jeon, Seok Gu Kang, Hye Sook Youn, Hae Yu Kim, Bu Hyun Youn. Downregulated CLIPs induces radioresistance by enhancing stemness and glycolytic flux in glioblastoma. JOURNAL OF EXPERIMENTAL & CLINICAL CANCER RESEARCH 2021;40: 282(1)~(6)

5) Seung Hwan Kim, Taek Min Nam, Ji Hwan Jang, Young Zoon Kim, Kyu Hong Kim, Do Hyung Kim, Hyun gon Lee, Sung Chul Jin, Chul Hee Lee. Improving door-to-puncture time in mechanical thrombectomy with direct care from a neurointerventionalist in the emergerny department. WORLD NEUROSURGERY 2021;152: e455~e461

6) Young Jin Heo, Hae Woong Jeong, Dong hyun Kim, Jin Wook Baek, Ji yeon Han, Hye Jung Choo, Sung Tae Kim, Young Gyun Jeong and Sung Chul Jin. Usefulness of pointwise encoding time reduction with radial acquisition sequence in subtraction-based magnetic resonance angiography for follow-up of the Neuroform Atlas stent-assisted coil embolization for cerebral aneurysms. ACTA RADIOLOGICA 2021;62(9): 1193~1199

정신건강의학과 (Neuropsychiatry)

1) Young Joo Jeong, Sung Woo Park, Mi Kyoung Seo, Sang Jin Kim, Won Hee Lee, Moo seong Kim, Sang Hwa Urm, Jung Goo Lee, Dae Hyun Seog. The Heterotrimeric Kinesin-2 Family Member KIF3A Directly Binds to Creatine. 생명과학회지 2021;31: 257~265

2) Jung Hyuck Park, Mi Kyoung Seo, Taek joong Kim, Sung Woo Park, Jung Goo Lee. A Study on the Relationship among Obesity, Suicide Plans, and Suicide Attempts: The 2018 Korea National Health and Nutrition Examination Survey. 우울조울병 2021;19: 24~34

3) Roger S McIntyre, Joshua D Rosenblat, Charles B Nemeroff, Gerard Sanacora, James W Murrugh, Michael Berk, Elisa Brietzke, Seetal Dodd, Philip Gorwood, Roger Ho, Dan V Iosifescu, Carlos Lopez Jaramill. Synthesizing the Evidence for Ketamine and Esketamine in Treatment-Resistant Depression: An International Expert Opinion on the Available Evidence and Implementation. AMERICAN JOURNAL OF PSYCHIATRY 2021;178: 383~399

4) 우영섭, 박원명, 서정석, 박영민, 김원, 정종현, 심세훈, 이정구, 장승호, 왕성민, 정명훈, 성형모, 추일한, 윤보현, 이상열, 전덕인, 민경준. 한국형 우울장애 약물치료 알고리즘 2021 (I): 주요우울삽화의 치료 전략. 신경정신의학 2021;60: 174~185

5) 박영민, 서정석, 우영섭, 박원명, 김원, 정종현, 심세훈, 이정구, 장승호, 왕성민, 정명훈, 성형모, 추일한, 윤보현, 이상열, 전덕인, 민경준. 한국형 우울장애 약물치료 알고리즘 2021 (II): 임상 아형. 신경정신의학 2021;60: 186~192

6) 양찬모, 심세훈, 박원명, 우영섭, 정종현, 왕성민, 김원, 서정석, 이정구, 박영민, 장승호, 정명훈, 성형모, 추일한, 윤보현, 이상열, 전덕인, 민경준. 한국형 우울장애 약물치료 알고리즘 2021 (III): 소아-청소년. 신경정신의학 2021;60: 193~203

7) Roger S McIntyre 1, Joshua D Rosenblat 2, Nelson B Rodrigues 3, Orly Lipsitz 3, David Chen Li 4, Jung Goo Lee 5, Flora Nasri 6, Mehala Subramaniapillai 3, Kevin Kratiuk 6, Andrew Wang 7, Hartej Gill 8, Rodrigo B Mansur 9, Roger Ho 10, Kangguang Lin 11, Yena Lee 8. The effect of intravenous ketamine on cognitive functions in adults with treatment-resistant major depressive or bipolar disorders: Results from the Canadian rapid treatment center of excellence(CRTCE). PSYCHIATRY RESEARCH 2021;302: 113993(1)~(6)

- 8) Mi Kyoung Seo, Jung Goo Lee, Sung Woo Park. Early life stress induces age-dependent epigenetic changes in p11 gene expression in male mice. *Scientific Reports* 2021;11: 10663(1)~(10)
- 9) Felicia Ceban 1, Joshua D Rosenblat 1 2 3 4, Kevin Kratiuk 2, Yena Lee 1, Nelson B Rodrigues 1 2, Hartej Gill 1 2, Mehala Subramaniapillai 1 2, Flora Nasri 1, Leanna M W Lui 1, Orly Lipsitz 1 2, Anil Kumar 2, Jung Goo Lee 5 6 7, Edmond H Chau 2, Bing Cao 8, Kangguang Lin 9 10, Roger C Ho 11 12, Rodrigo B Mansur 1 3, Jennifer Swainson 13, Roger S McIntyre 14 15 16 17. Prevention and Management of Common Adverse Effects of Ketamine and Esketamine in Patients with Mood Disorders. *CNS DRUGS* 2021;35: 925~934
- 10) Mi Kyoung Seo, Hye Kyeong Kim, Song Young Baek, Jung Goo Lee, Sang Hwa Urm, Sung Woo Park, Dae Hyun Seog. A Study on the Effects of Sirtuin 1 on Dendritic Outgrowth and Spine Formation and Mechanism in Neuronal Cells. *생명과학회지* 2021;31: 806~817
- 11) Gyung Mee Kim, Jung Ahn Lee, Sung Woo Park, Jung Goo Lee, Gyun Ho Jeon. Are plasma Brain-Derived Neurotrophic Factor or reproductive hormones related to depression in PCOS patients?: a prospective cohort study. *Clinical and Experimental Obstetrics&Gynecology* 2021;48: 1146~1153
- 12) Jeong Seok Seo 1, Won Myong Bahk 2, Young Sup Woo 2, Young Min Park 3, Won Kim 4, Jong Hyun Jeong 2, Se Hoon Shim 5, Jung Goo Lee 6, Seung Ho Jang 7, Cha Mo Yang 7, Sheng Min Wang 2, Myung Hun Jung 8, Hyung Mo Sung 9, Il Han Choo 10 11, Bo Hyun Yoon 12, Sang Yeol Lee 7, Duk In Jon 8, Kyung Joon Min 1. Korean Medication Algorithm for Depressive Disorder 2021, Fourth Revision: An Executive Summary. *Clinical Psychopharmacology and Neuroscience* 2021;19: 751~772
- 13) Young Sup Woo 1, Won Myong Bahk 1, Jeong Seok Seo 2, Young Min Park 3, Won Kim 4, Jong Hyun Jeong 1, Se Hoon Shim 5, Jung Goo Lee 6, Seung Ho Jang 7, Chan Mo Yang 7, Sheng Min Wang 1, Myung Hun Jung 8, Hyung Mo Sung 9, Il Han Choo 10, Bo Hyun Yoon 11, Sang Yeol Lee 7, Duk In Jon 8, Kyung Joon Min 2. The Korean Medication Algorithm Project for Depressive Disorder 2021: Comparisons with Other Treatment Guidelines 2022;20: 37~50
- 14) Bong Ju Lee. A Systematic Review of pharmacological efficacy and alternative treatments for the prevention of ultra-high risk for psychosis. *Rawal Medical Journal* 2021;46: 240~244
- 15) Bong Ju Lee. Admission rates, drug attitudes, and psychiatric symptoms in patients of schizophrenia after switching from paliperidone palmitate once-monthly to oral antipsychotics. *Rawal Medical Journal* 2021;46: 848~853
- 16) Young Chul Chung, Je Yeon Yun, Thong Ba Nguyen, Fatima Zahra Rami, Yan Hong Piao, Ling Li, Bomi Lee, Woo Sung Kim, Jing Sui, Sung Wan Kim, Bong Ju Lee, Jung Jin Kim, Je Chun Yu, Kyu Young Lee, Seung Hee Won, Seung Hwan Lee, Seung Hyun Kim, Shi Hyun Kang & Eui Tae Kim. Network analysis of trauma in patients with early-stage psychosis. *Scientific Reports* 2021;11: 22749~(8)
- 17) Seon Cheol Park. An Alternative Approach for the Future Diagnostic Standards of Major Depressive Disorder. *PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY* 2021;105: 110133~(6)

소아청소년과 (Pediatrics)

- 1) Yun Jung Hur, MD1, Woo Yeong Chung, MD2, Yun Jung Lim, MD3, So young Park, MD4, Kyung Ran Jun, MD5. A MAST1 Mutation Underlying Mega-Corpus Callosum Syndrome with Extended Phenotypes: The First Case in Korea. *annals of child neurology* 2021;29: 101~104
- 2) Yun Jung Hur, Bo Lyun Lee, Woo Yeong Chung, Shin ae Yu, Kyung Ran Jun, and Seung Hwan Oh. Compound Heterozygous PIGT Mutations in Multiple Congenital Anomalies-Hypotonia-Seizures Syndrome: First Case in Korea and Characterization by Persistent Hypophosphatasia. *ANNALS OF CLINICAL AND LABORATORY SCIENCE* 2021;51: 422~425
- 3) So young Park, Yun Jung Hur, Jin Sook Yoon, Mi Ae Jang. Distinctive Severe Ocular Abnormalities and Epilepsy Accompanied by a Novel ZEB2 Mutation in a Child with Mowat-Wilson Syndrome. *annals of child neurology* 2022;30: 31~34
- 4) Kim JJ, Kim HJ, Yu JJ, Yun SW, Lee KY, Yoon KL, Kil HR, Kim GB, Han MK, Song MS, Lee HD, Jun HO, Ha KS, Hong YM, Jang GY, Lee JK; Korean Kawasaki Disease Genetics Consortium. IgA Levels Are Associated with Coronary Artery Lesions in Kawasaki Disease. *Korean Circulation Journal* 2021;51: 267~278
- 5) Kim JJ, Hong YM, Yun SW, Lee KY, Yoon KL, Han MK, Kim GB, Kil HR, Song MS, Lee HD, Ha KS, Jun HO, Choi BO, Oh YM, Yu JJ, Jang GY, Lee JK; Korean Kawasaki Disease Genetics Consortium. Identification of rare coding variants associated with Kawasaki disease by whole exome sequencing. *Genomics & Informatics* 2021;19: e38(1)~e38(7)

산부인과 (Obstetrics and Gynecology)

- 1) Sung wook Chun. Predictive capability of fasting-state glucose and insulin measurements for abnormal glucose tolerance in women with polycystic ovary syndrome. *Clinical and Experimental Reproductive Medicine* 2021;48: 156~162
- 2) Hyung Joon Yoon, Young Lim Oh, Eun Ji Ko, Ahyun Kang, Wan Kyu Eo, Ki Hyung Kim, Ji Young Lee, Ari Kim, Sungwook Chun, Hong bae Kim, Mee Sun Ock, Hee Jae Cha. Effects of thymosin β 4 derived peptides on migration and invasion of ovarian cancer cells. *Genes&Genomics* 2021;43: 987~993
- 3) Na young Kim, Sung wook Chun. Association between the serum estrone-toestradiol ratio and parameters related to glucose metabolism and insulin resistance in women with polycystic ovary syndrome. *Clinical and Experimental Reproductive Medicine* 2021;48: 374~379
- 4) Gyung Mee Kim, Jung Ahn Lee, Sung Woo Park, Jung Goo Lee, Gyun Ho Jeon. Are plasma Brain-Derived Neurotrophic Factor or reproductive hormones related to depression in PCOS patients?: a prospective cohort study. *Clinical and Experimental Obstetrics&Gynecology* 2021;48: 1146~1153
- 5) Jun Woo Ahn, Seul Gi You, Eun Byeol Go, Sang Hun Lee, Jeong Sook Kim, Hyun Jin Cho, Hyun Jin Roh. Minimally invasive adenomyomectomy via a laparoscopic-assisted approach compared to a laparoscopic or laparotomic approach. *Taiwanese Journal of Obstetrics&Gynecology* 2021;60: 1005~1010

비뇨의학과 (Urology)

- 1) Tae Nam Kim, Jeong Ho Kim, Cheol Kyu Oh, Wan Lee, Jong Kil Nam and Ki Soo Lee. Three different laparoscopic techniques for the management of iatrogenic ureteral injury: A multi-institutional study with medium-term outcomes. Asian Journal of Surgery 2021;44: 964~968
- 2) Oh Cheol Kyu. Association of serum prostate specific antigen (PSA) level and circulating tumor cell-based PSA mRNA in prostate cancer. 인제대학교 일반대학원 2021;2021: 1~31
- 3) Cheol Kyu Oh a, Joo Yeon Kim b. Primary squamous cell carcinoma of the kidney parenchyma with ascending colon invasion: A case report and literature review. International Journal of Surgery Case Reports 2022;91: 106762(1)~106762(7)
- 4) Jeong Ho Kim. Laparoscopic Radical Cystectomy With Intracorporeal Orthotopic Neobladder Reconstruction: An Initial Experience of Modified Studer Reconstruction Techniques. 대한비뇨기종양학회지 2021;19: 117~123
- 5) Jeong Ho Kim, Ki Soo Lee, Choung Soo Kim, Young Deuk Choi, Tae Hyo Kim. Subcutaneous Interleukin-2 Monotherapy for Metastatic. 대한비뇨기종양학술지 2021;19: 252~60

안과 (Ophthalmology)

- 1) 정도희, 이수정. 녹내장섬모체염발증으로 오인된 접촉성 폐쇄각녹내장에서 발생한 비동맥염 앞허혈시신경병증. 대한안과학회지 2021;62: 724~728
- 2) 나정호, 이수정. 속발내사시수술 전후 대비감도의 변화 분석. 대한안과학회지 2021;62: 826~833
- 3) 임연주, 이수정. 혈중 호산구와 면역글로불린 E 증가를 동반한 면역글로불린 G4 관련안질환. 검안 및 콘택트렌즈학회지 2021;20: 124~128
- 4) Hyo joong Kim, Ki Hwa Lee, Yei Heum Park, Soo Jung Lee, Se Hun Kim, Sang Eun Lee, Yong Han Kim, Yu Kyung Jeon. Comparison of the effects of desflurane and sevoflurane on emergence characteristics in pediatric patients premedicated with ketamine. Signa Vitae 2021;17: 132~139
- 5) 임연주, 이수정. 14세 여아에서 다발경화증을 동반한 1과 1/2 증후군. 대한안과학회지 2021;62: 1155~1159
- 6) 정도희, 이수정. 빅 데이터를 이용한 뚜렛증후군 환자와 관련된 안과적 임상양상의 유행률 조사. 대한안과학회지 2021;62: 1269~1273
- 7) JI MIN KWON, ROBERT N. WEINREB, LINDAM. ZANGWILL, MIN HEE SUH. Juxtapapillary Deep-Layer Microvasculature Dropout and Retinal Nerve Fiber Layer Thinning in Glaucoma. AMERICAN JOURNAL OF OPHTHALMOLOGY 2021;227: 154~165
- 8) Jeong Ho Na, Jae Wan Lim, Jong Wook Bang, Kang Yeun Pak, Hyun Woong Kim. Survey of AREDS2 Formula Intake in Korean Patients with Age-related Macular Degeneration. 대한안과학회지 2021;62: 1502~1508

9) Chan Ho Cho, Sang Bumm Lee. Comparative Analysis of the Clinical Aspects and Treatment Outcomes of Stenotrophomonas maltophilia Keratitis and Pseudomonas aeruginosa Keratitis. Eye&Contact Lens-Science and Clinical Practice 2021;47: 456~464

10) 백승철, 조찬호, 이상범. Comparative Clinical Analysis of Polymicrobial and Monomicrobial Bacterial Keratitis. 대한안과학회지 2021;62: 1465~1477

11) 권지민, 박강윤, 이재정, 사공민, 김현웅. One-year Results of Aflibercept Treatment for Polypoidal Choroidal Vasculopathy with Good Visual Acuity. Korean Journal of Ophthalmology 2021;35(1): 26~36

이비인후과 (Otolaryngology)

1) Yong Wan Kim, Keun Ik Yi, Myoung Joo Kang, Sung Dong Kim, Sue Jean Mun, Kyu Sup Cho. The Clinical and Radiologic Features Affecting the Ocular Symptoms in Patients With Paranasal Sinus Mucoceles Involving the Orbit. J Craniofac Surg 2021;1:32(3): e247~e251

2) Sang Yeon Kim, Geun Jeon Kim, Dong Hyun Lee, Ja Seong Bae, So Hee Lee, Jeong Soo Kim, Yeon Shin Hwang, Mi Ran Shim, Young Hak Park, Dong Il Sun. Analysis of voice changes after thyroidectomy using the thyroidectomy-related voice and symptom questionnaire. Auris Nasus Larynx 2021;48(5): 963~972

3) Hye Kyung Shim, Mi Ra Kim. Potassium-Titanyl-Phosphate (KTP) Laser Photocoagulation Combined with Resection Using an Ultrasonic Scalpel for Pharyngolaryngeal Hemangioma via a Transoral Approach: Case Report and Literature Review. Am J Case Rep 2021;23:22: e931042

4) Yeong Jun Park, Byung Whoo Park, Tae Kyung Suh, Mi Ra Kim, Sang Yeon Kim, Shin Hye Kim, Moo Jin Baek, Myoung joo Kang, Yong Wan Kim. Comparison of Surgical Outcomes for Treatment of Maxillary Sinus Inverted Papilloma: Endoscopic Prelacrimal Recess Approach versus Caldwell-Luc Approach. Korean J Otorhinolaryngol-Head Neck Surg 2021;64(3): 161~168

5) Bo Soo Kim, Keun Ik Yi, Bo mi Kim, Yong Wan Kim. A Case of Neurofibroma Arising from Nasal Vestibule. J Clin Otolaryngol Head Neck Surg 2021;32(3): 261~264

6) Young Hwa Suh, Yeon ah Kang, Moo Jin Baek, Shin Hye Kim, Ho Joon Lee, Joon sung Lee, Ji yeon Baik. T2 relaxation time shortening in the cochlea of patients with sudden sensory neuronal hearing loss: a retrospective study using quantitative synthetic magnetic resonance imaging. Eur Radiol 2021 ;31(9): 6438~6445

7) Jun Ook Park, Dong Hyun Lee, Mi Ra Kim, Sang Yeon Kim, Jae Hong Han, Dong Il Sun. Transoral endoscopic thyroidectomy using a self-retaining retractor as an alternative to carbon dioxide gas insufflation: A comparative analysis of 131 cases. Oral Oncol 2021;121: 105463

8) Hyo Won Chang, Myung Jin Lee, Yoon Sun Lee, Song Hee Kim, Jong Cheol Lee, Jung Je Park, Hae Yun Nam, Mi Ra Kim, Myung Woul Han, Seong Who Kim, Sang Yoon Kim. p53-dependent glutamine usage determines susceptibility to oxidative stress in radioresistant head and neck cancer cells. Cell Signal 2021 ;77: 109820

9) Tae Kyung Suh, Bo Soo Kim, Mi Ra Kim, Sang Yeon Kim. Retrieval of Metallic Foreign Bodies from the Upper Airway Using Intraoperative C-Arm Fluoroscopy: Case Report and Literature Review. Korean J Otorhinolaryngol-Head Neck Surg 2022;65(1): 50~54

신경과 (Neurology)

1) Kyong Jin Shin 1, Jong Woo Kang 2, Kwon Hyuk Sung 3, Sung Ho Park 1, Si Eun Kim 1, Kang Min Park 1, Sam Yeol Ha 1, Sung Eun Kim 1, Byoung In Lee 1, Jin se Park 4. Quantitative gait and postural analyses in patients with diabetic polyneuropathy. JOURNAL OF DIABETES AND ITS COMPLICATIONS 2021;35: 107857(1)~(7)

2) Jae Won Hyun, Hye Lim Lee, Woo Kyo Jeong, Hye Jung Lee, Jong Hwa Shin, Ju Hong Min, Byoung Joon Kim, Seung Woo Kim, Ha Young Shin, Jee young Oh, Woo jun Kim, Hyun June Shin, Sun Young Oh, Hyun jin Kim, Young Min Lim, So Young Huh, Eun Bin Cho, Tai Seung Nam, Seung Han Lee, Sun Young Kim, Sa Yoon Kang, Suk Geun Han, Eun Hee Sohn, Seol Hee Baek, Byung Jo Kim, Sang Soo Lee, Jin Myoung Seok, Yoon Ho Hong, Seong Il Oh, Jong Kuk Kim, Kyong Jin Shin, O hyun Kwon, Joong Yang Cho, Jong Seok Bae, So Yeon Kim, Ye seul Kim, Min Young Lee, Su Hyun Kim, Ho Jin Kim. Comparison of MOG and AQP4 antibody seroprevalence in Korean adults with inflammatory demyelinating CNS diseases. Multiple Sclerosis Journal 2021;27: 964~967

3) Eun Joo Park, Seok Hahn, Ji sook Yi, Kyong Jin Shin, Ye daun Lee, Ho Joon Lee. Comparison of the Diagnostic Performance of Strain Elastography and Shear Wave Elastography for the Diagnosis of Carpal Tunnel Syndrome. JOURNAL OF ULTRASOUND IN MEDICINE 2021;40: 1011~1021

4) Dong Ah Lee 1, Jung hae Ko 2, Hyung Chan Kim 1, Kyong Jin Shin 1, Bong Soo Park 2, Il Hwan Kim 2, Jin Han Park 2, Si hyung Park 2, Kang Min Park 3. Identifying juvenile myoclonic epilepsy via diffusion tensor imaging using machine learning analysis. JOURNAL OF CLINICAL NEUROSCIENCE 2021;91: 327~333

5) Su jin Hong, Ji sook Yi, Ho joon Lee, Seok Hahn, Yun jung Lim, Ye daun Lee, Kyong Jin Shin. Anti-Myelin Oligodendrocyte Glycoprotein Syndrome with Findings Resembling “Snake-Eye Appearance”:a Case Report. Investigative Magnetic Resonance Imaging (iMRI) 2021;25: 189~92

6) Jun Ho Lee, Jae ho Kang, Yeoung Deok Seo, Hyung Chan Kim, Kyong Jin Shin. Delayed Facial Palsy in a Patient With Varicella Zoster Virus Encephalitis. Journal of Clinical Neurology 2021;17: 604~606

7) Sam Yeol Ha 1, Sung Eun Kim 2, Kyong Jin Shin 2, Jin Se Park 2, Kang Min Park 2, Si Eun Kim 2, Seong ho Park 2, Dong Ah Lee 2, David S Liebeskind 3. Existence and Significance of Internal Border Zone Infarcts with Accessory Lesions Located in the Anteromedial Temporal Lobe. Journal of Stroke & Cerebrovascular Diseases 2021;30: 106004~(6)

8) Ho Joon Lee, Dong Ah Lee, Kyong Jin Shin, Kang Min Park. Glymphatic system dysfunction in obstructive sleep apnea evidenced by DTI-ALPS. SLEEP MEDICINE 2022;89: 176~181

9) Seong ho Park, Dong Ah Lee, Ho Joon Lee, Kyong Jin Shin, Kang Min Park. Brain networks in migraine with and without aura: An exploratory arterial spin labeling MRI study. ACTA NEUROLOGICA SCANDINAVICA 2022;145: 208~214

- 10) 박진세, 김혜윤, 박중현, 신원철, 이일근, 임재성, 양지원, 홍승봉, 박기형. 한국에서의 신경과 인지도 조사. 대한신경과학회지 2021;39: 158~164
- 11) Kang Min Park. Artificial intelligence with kidney disease A scoping review with bibliometric analysis, PRISMA-ScR. MEDICINE 2021;100: e25422~(7)
- 12) Yoo Jin Lee, Eun jae Yoon, Si hyung Park, Yang Wook Kim, Si Eun Kim, Jung hae Ko, Jin Han Park, Kang Min Park, Il Hwan Kim, Bong Soo Park. Alteration of brain connectivity in neurologically asymptomatic patients with chronic kidney disease. MEDICINE 2021;100: 25633(1)~(6)
- 13) Dong Ah Lee 1, Ho Joon Lee 2, Byung Joon Kim 1, Bong Soo Park 3, Sung Eun Kim 1, Kang Min Park 1. Identification of focal epilepsy by diffusion tensor imaging using machine learning. ACTA NEUROLOGICA SCANDINAVICA 2021;143: 637~645
- 14) Kang Min Park. Significance of serum neuron-specific enolase in transient global amnesia. JOURNAL OF CLINICAL NEUROSCIENCE 2021;89: 15~19
- 15) Kang Min Park. Identification of non-convulsive status epilepticus in ictal-interictal continuum using a functional connectivity analysis. 2021;1: 1~65
- 16) Dong Ah Lee, Jung hae Ko, Ho Joon Lee, Hyung Chan Kim, Bong Soo Park, Si hyung Park, Il Hwan Kim, Jin Han Park, Yoo Jin Lee, Kang Min Park. Alterations of the intrinsic amygdala-hippocampal network in juvenilemyoclonic epilepsy. Brain and Behavior 2021;11: e2274(1)~(8)
- 17) Kang Min Park. Alterations of structural connectivity and structural co-variance network in focal cortical dysplasia. BMC Neurology 2021;21: 330(1)~330(8)
- 18) Kyoo Ho Cho^{1,2†}, Ho Joon Lee^{3†}, Kyoung Heo¹, Sung Eun Kim⁴, Dong Ah Lee⁴ and Kang Min Park. Intrinsic Thalamic Network in temporal lobe epilepsy with hippocampal sclerosis according to surgical outcomes. Frontiers in Neurology 2021;12: 721610(1)~(7)
- 19) Kang Min Park. Effective connectivity alteration according to recurrence in transient global amnesia. NEURORADIOLOGY 2021;63: 1441~1449
- 20) Kang Min Park. Temporal lobe epilepsy with or without hippocampal sclerosis: Structural and functional connectivity using advanced MRI techniques. JOURNAL OF NEUROIMAGING 2021;31: 973~980
- 21) Sam Yeol Ha, Sung Eun Kim, Kyong Jin Shin, Jin Se Park, Kang Min Park, Si Eun Kim, Seong ho Park, Dong Ah Lee, David SLiebeskind. Existence and significance of Internal Border Zone Infarcts with Accessory Lesions Located in the Anterotemporal Lobe. Journal of Stroke & Cerebrovascular Diseases 2021;30: 106004~(6)
- 22) Kang Min Park. Brain networks in patients with isolated or recurrent transient global amnesia. ACTA NEUROLOGICA SCANDINAVICA 2021;144: 465~472
- 23) Kang Min Park. Hypomagnesemia and seizures in a patient with an SOS1 mutation. SEIZURE-EUROPEAN JOURNAL OF EPILEPSY 2021;92: 234~235

- 24) Kang Min Park. Can we predict anti-seizure medication response in focal epilepsy using machine learning?. CLINICAL NEUROLOGY AND NEUROSURGERY 2021;211: 107037(1)~(6)
- 25) Kang Min Park. Alterations of the structural covariance network in the hypothalamus of patients with cluster headache. JOURNAL OF NEUROLOGY 2022;269: 316~322
- 26) Kang Min Park. Glymphatic dysfunction in patients with end-stage renal disease. Frontiers in Neurology 2022;12: 809483(1)~(6)
- 27) Kang Min Park. Network differences based on arterial spin labeling related to anti-seizure medication response in focal epilepsy. NEURORADIOLOGY 2022;64: 313~321
- 28) Dong Ah Lee 1, Joon won Lee 1, Hyung Chan Kim, Kang Min Park, Sung Eun Kim*. Hippocampal injury in patients with status epilepticus: Quantitative analysis of hippocampal volume and structural co-variance network. SEIZURE-EUROPEAN JOURNAL OF EPILEPSY 2022;95: 84~89
- 29) Hang Rai Kim, Sang Hyuk Jung, Jae ho Kim, Hye min Jang, Sung Hoon Kang, Song Hwangbo, Jun Pyo Kim, So Yeon Kim, Beom su Kim, So yeon Kim, Jee Hyang Jeong, Soo Jin Yoon, Kyung Won Park, Eun Joo Kim, Bora Yoon, Jae Won Jang, Jin Yong Hong, Seong Hye Choi, Young Noh, Ko Woon Kim, Si Eun Kim, Jin San Lee, Na Yeon Jung, Ju youn Lee, Byeong C. Kim, Sang Joon Son, Chang Hyung Hong, Duk L. Na, Sang Won Seo, Hong Hee Won & Hee Jin Kim. Identifying novel genetic variants for brain amyloid deposition: a genome-wide association study in the Korean population. Alzheimers Research & Therapy 2021;13: 117(1)~(11)
- 30) Ye shin Kim, Sung Woo Kim, Sang Won Seo, Hye min Jang, Ko Woon Kim, Soo Hyun Cho, Si Eun Kim, Seung Joo Kim, Jin San Lee, Sung Tae Kim, Duk L. Na, Joon Kyung Seong, Hee Jin Kim. Effect of education on functional network edge efficiency in Alzheimer's disease. Scientific Reports 2021;11: 17255(1)~(8)
- 31) Bo seong Kwon 1, Eun Jae Lee 1, Seong ho Park 2, Ji Sung Lee 3, Min Hwan Lee 1, Daeun Jeong 4, Dong whane Lee 5, Hyuk Sung Kwon 6, Dae Il Chang 7, Jong Ho Park 8, Jae Kwan Cha 9, Ji Hoe Heo 10, Sung Il Sohn 11, Dong Eog Kim 12, Smi Choi Kwon 13, Jong S Kim 1. Long-Term Changes in Post-Stroke Depression, Emotional Incontinence, and Anger. Journal of Stroke 2021;23: 263~272
- 32) Sam Yeol Ha, Yeon ah Kang, Ho Joon Lee, Moon jung Hwang, Ji yeon Baik, Seong ho Park. Intracranial Flow Velocity Quantification Using Non-Contrast Four-Dimensional Flow MRI: A Prospective Comparative Study with Transcranial Doppler Ultrasound. Diagnostics 2022;12: 23(1)~23(10)
- 33) Seong ho Park, Dong Ah Lee, Ho Joon Lee, Kyong Jin Shin, Kang Min Park. Brain networks in migraine with and without aura: an exploratory arterial spin-labeling MRI study. ACTA NEUROLOGICA SCANDINAVICA 2022;145: 208~214

가정의학과 (Family medicine)

- 1) Hyun ji Kim, Sun mi Yoo *, Hyo eun Kim, Seung Guk Park, Min kyu Son. Cancer Survivors with Low Hand Grip Strength Have Decreased Quality of Life Compared with Healthy Controls: The Korea National Health and Nutrition Examination Survey 2014-2017. Korean Journal of Family Medicine 2021;42: 204~211

2) Ji hye Kwon, Hyun ji Kim, Hyo eun Kim*, Sun mi Yoo, Seung Guk Park. Effect of Increasing Tobacco Prices on Stages of Smoking Cessation: A Korean Nationwide Data Analysis. Korean Journal of Family Medicine 2021;42: 17~23

3) Seung Won Cheon, Seung Guk Park, Sun Mi Yoo, Hyo Eun Kim, Hyun Ji Kim. Trend in prevalence of smoking and motivation to quit among Korean adult male cancer survivors over the last 8 years: the Korea National Health and Nutrition Examination Survey V-VII (2010-2017). Korean Journal of Family Medicine 2021;42: 281~287

진단검사의학과 (Laboratory Medicine)

1) Yun Jung Hur, Woo Yeong Chung, Yun Jung Lim, Soo young Park, Kyung Ran Jun. A MAST1 Mutation Underlying Mega-Corpus Callosum Syndrome with Extended Phenotypes: The First Case in Korea. Annals of Child Neurology 2021;29: 101~104

2) Yun Jung Hur 1, Bo Lyun Lee 2, Woo Yeong Chung 2, Shin ae Yu 3, Kyung Ran Jun 3, and Seung Hwan Oh4. Compound Heterozygous PIGT Mutations in Multiple Congenital Anomalies-Hypotonia-Seizures Syndrome: First. ANNALS OF CLINICAL AND LABORATORY SCIENCE 2021;51: 422~425

3) Dong Ah Lee, Kyung Ran Jun, Hyung Chan Kim, Bong Soo Park, Kang Min Park. Significance of serum neuron-specific enolase in transient global amnesia. JOURNAL OF CLINICAL NEUROSCIENCE 2021;89: 15~19

4) Kyung Ran Jun, Dong Ah Lee, Jun Ho Lee, Woo Yeong Chung, Go Hun Seo, Kang Min Park. Hypomagnesemia and seizures in a patient with an SOS1 mutation. SEIZURE-EUROPEAN JOURNAL OF EPILEPSY 2021;92: 234~235

5) 유수현, 김시현, 전가원, 박요한, 송새암, 신정환. 인플루엔자 A 검출을 위한 STANDARD F InfluenzaA/B FIA의 Sofia Influenza A+B FIA 및 SDBIOLINE Influenza Ag A/B/A(H1N1)와의 비교평가. Annals of Clinical Microbiology 2021;24: 21~26

6) Shin ae Yu. A Review of HLA Genes in Pharmacogenetics: Risk Assessment of Adverse Drug Reactions. Journal of Interdisciplinary Genomics 2021;3: 7~12

7) Jae Ha Lee, Dong Hwan Lee, Jin Soo Kim, Won Beom Jung, Woon Heo, Yong Kyun Kim, Se Hun Kim, Tae Hoon No, Kyeong Min Jo, Jung hae Ko, Ho Young Lee, Kyung Ran Jun, Hye Sook Choi, Ji Hoon Jang, Hang Jea Jang. Pharmacokinetics and Monte Carlo Simulation of Meropenem in Critically Ill Adult Patients Receiving Extracorporeal Membrane Oxygenation. Front Pharmacol 2021;Nov1:12: 768912

영상의학과 (Radiology)

1) Ji eun Kim, Ye daun Lee, Jung Hee Yoon, Ho Joon Lee, Yun Jung Lim, Ji sook Yi, Won Beom Jung. Non-strangulated adhesive small bowel obstruction: CT findings predicting outcome of conservative treatment. EUROPEAN RADIOLOGY 2021;31: 1597~1607

- 2) Eun Joo Park, Seung Ho Kim, Sung Jae Jo, Kyung Han Nam, Yun jung Lim, and Hyun Kyung Jung. High-Resolution Diffusion-Weighted Imaging for Evaluation of Extramural Tumor Invasion in Primary Rectal Cancer. JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY 2021;45: 522~527
- 3) Jin Young Bang, Seok Hahn, Ji sook Yi, Yun jung Lim, Hyun Kyung Jung. Clinical applicability of shear wave elastography for the evaluation of medial epicondylitis. EUROPEAN RADIOLOGY 2021;31: 6726~6735
- 4) Su jin Hong, Ji sook Yi, Ho oon Lee, Seok Hahn, Yun jung Lim, Ye daun Lee, Kyong Jin Shin. Anti-Myelin Oligodendrocyte Glycoprotein Syndrome with Findings Resembling “Snake-Eye Appearance”: a Case Report. Investigative Magnetic Resonance Imaging (iMRI) 2021;25: 189~192
- 5) Hyun Kyung Jung, Yun Jung Lim, Woo gyeong Kim. Breast Cancer Metastasis to the Parotid: A Case Report with Imaging Findings. American journal of case reports 2021;22: e934311(1)~(5)
- 6) 우상화, 정현경, 김우경. bilateral breast cancer in a patient with neurofibromatosis type 1: a case report. 대한영상의학회지 2021;82: 417~422
- 7) Hyung in Park, Seok Hahn, Ji sook Yi, Jin Young Bang, Young bok Kim, Hyung Kyung Jung, Ji yeon Baik. Clinical Assessments and MRI Findings Suggesting Early Surgical Treatment for Patients with Medial Epicondylitis. 대한영상의학회지 2021;82: 613~625
- 8) 정현경. Intrathyroid metastasis of breast cancer: sonographic findings. JOURNAL OF CLINICAL ULTRASOUND 2021;49: 488~491
- 9) 정현경. Sonographic features of anterior chest wall lesions detected on breast sonography in women: a pictorial essay. Medical Ultrasonography 2021;23: 348~354
- 10) Ji eun Kim, Hyun Kyung Jung, Woo gyeong Kim. Angiosarcoma of the Breast and Spleen:A Case Report with Imaging and Pathologic Findings. 대한영상의학회지 2021;82: 1310~1314
- 11) 정현경. Bilateral axillary pseudoangiomatous stromal hyperplasia in a premenopausal woman: a case report with imaging findings. JOURNAL OF CLINICAL ULTRASOUND 2022;50: 43~48
- 12) 김지은, 정현경, 김우경. Metachronous contralateral axillary lymph node metastasis from invasive breast carcinoma: a case report with imaging findings. 대한영상의학회지 2022;83: 239~345
- 13) 조성재, 김승호, 박상준, 이예다운, 손정희. Association between Texture Analysis Parameters and Molecular Biologic KRAS Mutation in Non-Mucinous Rectal Cancer. 대한영상의학회지 2021;82: 406~416
- 14) 박형인, 김승호, 김주연. Dynamic contrast-enhanced magnetic resonance imaging for risk stratification in patients with prostate cancer. Quantitative Imaging in Medicine and Surgery 2022;12: 741~751
- 15) Eun Joo Park, Seok Hahn, Ji sook Yi, Kyong Jin Shin, Ye daun Lee, Ho Joon Lee. Comparison of the Diagnostic Performance of Strain Elastography and Shear Wave Elastography for the Diagnosis of Carpal Tunnel Syndrome. JOURNAL OF ULTRASOUND IN MEDICINE 2021;40: 1011~1021

- 16) 김동욱, 하지연, 이승수, 권지혜, 김나영, 성요섭, 윤지석, 석흥일, 이예다운, 강보경. Population-based and Personalized Reference Intervals for Liver and Spleen Volumes in Healthy Individuals and Those with Viral Hepatitis. *RADIOLOGY* 2021;301: 339~347
- 17) Won Jin Moon, Young Ah Cho, Seok Hahn, Hye Min Son, Sung Koo Woo, Young Han Lee. The Pattern of Use, Effectiveness, and Safety of Gadoteric Acid (Clariscan) in Patients Undergoing Contrast-Enhanced Magnetic Resonance Imaging: A Prospective, Multicenter, Observational Study. *Contrast Media & Molecular Imaging* 2021;2021: 4764348~(8)
- 18) Sang Hwa Woo, Ho Joon Lee, and Yeonah Kang. Leptomeningeal Enhancement without Thalamic Involvement as an Initial Manifestation of Japanese Encephalitis: A Case Report. *대한영상의학회지* 2021;82: 469~474
- 19) 백태욱, 이호준, 강연아(교신). Improved Lesion Conspicuity with Contrast-Enhanced 3D T1 TSE Black-Blood Imaging in Cranial Neuritis: A Comparative Study of Contrast-Enhanced 3D T1 TSE, 3D T1 Fast-Spoiled Gradient Echo, and 3D T2 FLAIR. *AMERICAN JOURNAL OF NEURORADIOLOGY* 2021;42: 945~950
- 20) Dong Ah Lee, Ho Joon Lee, Byung Joon Kim, Bong Soo Park, Sung Eun Kim, Kang Min Park. Identification of focal epilepsy by diffusion tensor imaging using machine learning. *ACTA NEUROLOGICA SCANDINAVICA* 2021;143: 637~645
- 21) Dong Ah Lee, Ho Joon Lee, Hyung Chan Kim, Kang Min Park. Alterations of structural connectivity and structural co-variance network in focal cortical dysplasia4. *BMC Neurology* 2021;21: 330(1)~330(8)
- 22) Dong Ah Lee, Jung hae Ko, Ho Joon Lee, Hyung Chan Kim, Bong Soo Park, Si hyung Park, Il Hwan Kim, Jin Han Park, Yoo Jin Lee, Kang Min Park. Alterations of the intrinsic amygdala-hippocampal network in juvenile myoclonic epilepsy. *Brain and Behavior* 2021;11: 2274(1)~2274(8)
- 23) Kyoo Ho Cho, Ho Joon Lee, Kyoung Heo, Sung Eun Kim, Dong Ah Lee, Kang Min Park. Intrinsic Thalamic Network in Temporal Lobe Epilepsy With Hippocampal Sclerosis According to Surgical Outcomes. *Frontiers in Neurology* 2021;12: 721610~(7)
- 24) Dong Ah Lee, Ho Joon Lee, Hyung Chan Kim, Bong Soo Park, Jung hae Ko, Si Hyung Park, Il Hwan Kim, Jin Han Park, Yoo Jin Lee, Kang Min Park. Effective connectivity alteration according to recurrence in transient global amnesia. *NEURORADIOLOGY* 2021;63: 1441~1449
- 25) Young Hwa Suh, Yeon ah Kang, Moo Jin Baek, Shin Hye Kim, Ho Joon Lee, Joon sung Lee, Ji yeon Baik. T2 relaxation time shortening in the cochlea of patients with sudden sensory neuronal hearing loss: a retrospective study using quantitative synthetic magnetic resonance imaging. *EUROPEAN RADIOLOGY* 2021;31: 6438~6445
- 26) Ji yeon Baik, Hye Jin Baek, Kyeong Hwa Ryu, Hyo Jung An, Seul ki Song, Ho Joon Lee, Yeon ah Kang. MALT Lymphoma of the Tongue in a Patient with Sjogren's Syndrome: A Case Report and Literature Review. *Diagnostics* 2021;11: 1715(1)~1715(8)
- 27) Dong Ah Lee, Ho Joon Lee, Hyung Chan Kim, Kang Min Park. Temporal lobe epilepsy with or without hippocampal sclerosis: Structural and functional connectivity using advanced MRI techniques. *JOURNAL OF NEUROIMAGING* 2021;31: 973~980

- 28) Jin seung Kim 1, Dong Ah Lee, Hyung Chan Kim, Ho Joon Lee, Kang Min Park. Brain networks in patients with isolated or recurrent transient global amnesia. ACTA NEUROLOGICA SCANDINAVICA 2021;144: 465~472
- 29) Dong Ah Lee, Ho Joon Lee, Bong Soo Park, Yoo Jin Lee, Kang Min Park. Can we predict anti-seizure medication response in focal epilepsy using machine learning?. CLINICAL NEUROLOGY AND NEUROSURGERY 2021;211: 107024~107024(6)
- 30) Dong Ah Lee, Ho Joon Lee, Hyung Chan Kim, Kang Min Park. Alterations of the structural covariance network in the hypothalamus of patients with cluster headache. JOURNAL OF NEUROLOGY 2022;269: 316~322
- 31) Ho Joon Lee, Dong Ah Lee, Kyong Jin Shin, Kang Min Park. Glymphatic system dysfunction in obstructive sleep apnea evidenced by DTI-ALPS. SLEEP MEDICINE 2022;89: 176~181
- 32) Sam Yeol Ha, Yeon ah Kang, Ho Joon Lee, Moon jung Hwang, Ji yeon Baik, Seong ho Park. Intracranial Flow Velocity Quantification Using Non-Contrast Four-Dimensional Flow MRI: A Prospective Comparative Study with Transcranial Doppler Ultrasound. Diagnostics 2022;12: 23(1)~23(10)
- 33) Seong ho Park, Dong Ah Lee, Ho Joon Lee, Kyong Jin Shin, Kang Min Park. Brain networks in migraine with and without aura: An exploratory arterial spin labeling MRI study. ACTA NEUROLOGICA SCANDINAVICA 2022;145: 208~214
- 34) Dong Ah Lee, Ho Joon Lee, Hyung Chan Kim, Kang Min Park. Network differences based on arterial spin labeling related to anti-seizure medication response in focal epilepsy. NEURORADIOLOGY 2022;64: 313~321
- 35) Kang Yeonah, Kuo ChenWei, Cheng Hong Toh. Can we predict intraoperative blood loss in meningioma patients? Application of dynamic susceptibility contrast-enhanced magnetic resonance imaging. JOURNAL OF NEURORADIOLOGY 2021;48: 254~258
- 36) Ji eun Kim, Jung Hee Shin, Young Lyun Oh, Soo Yeon Hahn, Ko Woon Park. Approach to Bethesda system category III thyroid nodules according to US-risk stratification. ENDOCRINE JOURNAL 2022;69: 67~74

마취통증의학과 (Anesthesiology and pain medicine)

- 1) Byeong Cheol Lee, Dae Seok Oh, Hyun Seong Lee, Se Hun Kim, Jae Hong Park, Ki Hwa Lee, Hyo Joong Kim, Ji Hyun Yang and Sang Eun Lee. Leriche Syndrome Misdiagnosed as Complex Regional Pain Syndrome in a Patient with Neuropathic Pain Caused by a Chip Fracture: A Case Report. Medicina-Lithuania 2021;57: 486(1)~(7)
- 2) Hyo joong Kim, Ki Hwa Lee, Yei Heum Park, Soo Jung Lee, SE Hun Kim, Sang Eun Lee, Yong Han Kim, Yu Kyung Jeon. Comparison of the effects of desflurane and sevoflurane on emergence characteristics in pediatric patients premedicated with ketamine. Signa Vitae 2021;17: 132~139
- 3) Se Hun Kim, Yei Heum Park, Hyun seong Lee, Sang Eun Lee, Jae Hong Park, Ki Hwa Lee, Yong Han Kim. The intensity of extremely low frequency electromagnetic field by target temperature of MEGAWARMER® patient temperature management system. Anaesthesia, Pain and Intensive Care 2021;25: 741~745

- 4) Sang Gyu Kwak 1 Hyun Kang 2, Jong Hae Kim 3, Tae Kyun Kim 4, Eun Jin Ahn 2, Dong Kyu Lee 5, Sang seok Lee 6, Jae Hong Park 7, Francis Sahngun Nahm 8 and Jun yong In 9. The principles of presenting statistical results: Table. Korean Journal of Anesthesiology 2021;74: 115~119
- 5) Kyung Mi Kim, Ki Hwa Lee, Jae Hong Park. Phase Lag Entropy as a Surrogate Measurement of Hypnotic Depth during Sevoflurane Anesthesia. Medicina-Lithuania 2021;57: 1034(1)~(11)
- 6) Hyo joong Kim, Sung Hyun Shin, Myoung Jin Ko, Yei Heum Park, Ki Hwa Lee, Kyung Hoon Kim, Tae Kyun Kim. Correlation Between Anthropometric Measurements and Sensory Block Level of Spinal Anesthesia for Cesarean Section. Anesthesiology and Pain Medicine 2021;11: e118627(1)~(5)
- 7) Ki Hwa Lee, Talmage D Egan, Ken B Johnson. Raw and processed electroencephalography in modern anesthesia practice:a brief primer on select clinical applications. Korean Journal of Anesthesiology 2021;74: 465~477
- 8) Yei Heum Park, Yu kyung Jeon, Jae Wook Jung, Hyo joong Kim, Dae seok Oh, Myoung Jin Ko. Effects of palonosetron and ramosetron mixed with intravenous patient-controlled analgesia infusion fluid after preoperative single injection of palonosetron for the prevention of postoperative nausea and vomiting. Rawal Medical Journal 2021;46: 554~559
- 9) Jae Ha Lee, Jin Han Park, Hyo Jung Kim, Hyun Kuk Kim, Ji Hoon Jang, Yong Kyun Kim, Bong Soo Park, Si Hyung Park, Il Hwan Kim, Se Hun Kim, Woon Heo, Hang Jea Jang. The effects of direct hemoperfusion with polymyxin B-immobilized fiber in patients with acute exacerbation of interstitial lung disease. Acute and Critical Care 2021;36: 126~132
- 10) 김세훈. MEGAWARMER 체온조절장치의 목표설정온도에 따른 초저주파 전자기장의 강도. 인제대학교 대학원 논문 2021.
- 11) Ji Hoon Jang, Hang Jea Jang, Hyun Kuk Kim, Jin Han Park, Hyo Jung Kim, Kyeong Min Jo, Woon Heo, Se Hun Kim, Tae Hoon No, Jae Ha Lee. Acute respiratory distress syndrome caused by carbon monoxide poisoning and inhalation injury recovered after extracorporeal membrane oxygenation along with direct hemoperfusion with polymyxin B-immobilized fiber column:a case report. Journal of Medical Case Reports 2021;15: 456(1)~456(5)
- 12) Dae seok Oh. The Influence of Ultrasound-Guided Technique Using a Catheter-Over-Needle on the Incidence of Accidental Intravascular Injection during Caudal Block-A Retrospective Case Series Study. Medicina-Lithuania 2021;57: 318(1)~(7)
- 13) Yei Heum Park, Daeseok Oh. Comment to: The utility of ultrasound examination in cubital tunnel syndrome caused by heterotopic ossification. Medical Ultrasonography 2021;23: 496~497
- 14) Dae seok Oh. Spontaneous intracranial hypotension following spinal anesthesia initially misdiagnosed as postdural puncture headache. Saudi journal of anesthesia 2022;16: 114~116
- 15) Dae seok Oh. Predictive Factors for Favorable Short-Term Response to Interlaminar Epidural Block for Cervical Radiculopathy. 인제대학교 대학원 2022;2022: 1~25
- 16) Hyun Seong Lee, Ki Hwa Lee, Byeong cheol Lee , Dae seok Oh, Sung Hyun Shin and Yei Heum Park. Effect of Remifentanil on Postoperative Vomiting After Strabismus Surgery in Preschool Children: A Prospective Randomized Controlled Trial. Anesth Pain Med 2022 February;12(1): e122160

직업환경의학과 (Occupational and Environmental Medicine)

- 1) Eui Hyeok Choi, Dae Hwan Kim, Ji Young Ryu. The relationship between working hours and the intention to quit smoking in male office workers: data from the 7th Korean National Health and Nutrition Examination Survey(2016-2017). *Annals of occupational and environmental medicine* 2021;33: e13(1)~e13(11)
- 2) Young bok Kim, Min sung Kwon, Ji Young Ryu, Sang Won Moon. Biomechanical Analysis of the Kirschner-Wire Depth of the Modified Tension Band Wiring Technique in Transverse Patellar Fractures: An Experimental Study Using the Finite-Element Method. *Clinics in Orthopedic Surgery(CiOS)* 2021;13: 315~319

재활의학과 (Rehabilitation Medicine)

- 1) Hee Eun Choi, Geun Yeol Jo, Hwan Kwon Do, Cheol Won On. Comprehensive Respiratory Muscle Training Improves Pulmonary Function and Respiratory Muscle Strength in Acute Stroke Patients. *Journal of Cardiopulmonary Rehabilitation and Prevention* 2021;41: 166~171
- 2) Tae Hoon Kim, Geun Yeol Jo, Wan il Kim, Hwan Kwon Do. Complex regional pain syndrome type II caused by iatrogenic lateral dorsal cutaneous nerve injury. *MEDICINE* 2021;100: e28108(1)~(5)
- 3) Chul Kim, MD, PhD1, Hee Eun Choi, MD2, Jin Hyuk Jang, MD1, Jun Hyeong Song, MD1, Byung Ok Kim, MD, PhD3. Do Patients Maintain Proper Long-Term Cardiopulmonary Fitness Levels After Cardiac Rehabilitation? A Retrospective Study Using Medical Records. *Annals of Rehabilitation Medicine* 2021;45: 150~159
- 4) Ali Hussain 1, Hee Eun Choi 2, Hyo Jung Kim 3, Satyabrata Aich 1, Muhammad Saqlain 4. Forecast the Exacerbation in Patients of Chronic Obstructive Pulmonary Disease with Clinical Indicators Using Machine Learning Techniques. *Diagnostics* 2021;11: 829(1)~(17)
- 5) Kyung Ha Lee, Hwan Kwon Do, Do Yeon Kim, Wan il Kim. Impact of chlorogenic acid on modulation of significant genes in dermal fibroblasts and epidermal keratinocytes. *BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS* 2021;583: 22~8
- 6) Tae Hoon Kim, Da Jung Lee, Wan il Kim, Hwan Kwon Do. Compressive femoral neuropathy caused by anticoagulant therapy induced retroperitoneal hematoma. *MEDICINE* 2022;101: e28876(1)~e28876(5)

핵의학과 (Nuclear Medicine)

- 1) Mi Ra Kim, Hye kyung Shim. A 61-Year-Old Woman Presenting with Low Back Pain Diagnosed with IgG4-Related Disease Affecting the Thoracoabdominal Aorta and Retroperitoneum. *Am J Case Rep* 2022; 23: e935007
- 2) Hye kyung Shim, Mi Ra Kim. Potassium-Titanyl-Phosphate(KTP) Laser Photocoagulation Combined with Resection Using an Ultrasonic Scalpel for Pharyngolaryngeal Hemangioma via a Transoral Approach: Case Report and Literature Review. *Am J Case Rep* 2021;22: e931042~10

3) Moo Kon Song, Joo Seop Chung, Sung Nam Lim, Won Sik Lee, Sang Min Lee, Seong Jang Kim, Hye Kyung Shim, Seok Mo Lee. Clinical Impact of Extranodal Metabolic Tumor Volume in 240 Diffuse Large B cell Lymphoma Patients with Extranodal Involvement. ANNALS OF HEMATOLOGY 2021;100: 1221~1229

4) Seok mo Lee, Yun seon Choi, Geum ju Park, Sun mi Jo, Sun Seong Lee, Ji sun Park, Hye Kyung Shim. 18 F-FDG PET/CT Parameters for Predicting Prognosis in Esophageal Cancer Patients Treated With Concurrent Chemoradiotherapy. TECHNOLOGY IN CANCER RESEARCH&TREATMENT 2021;20: 34227434~(7)

피부과 (Dermatology)

1) Jung Eun Seol, Gyeong Je Cho, So Hee Park, In Ho Park, So Young Jung, Hyo jin Kim. Seasonal Variability in the Facial Skin Biophysical Properties: The Importance of Constant Temperature and Humidity for the Analysis of Skin Hydration in Busan, Korea. Korean Journal of Dermatology 2021;59: 456~461

2) 진우정, 조경제, 홍성민, 김종욱, 설정은, 박소희, 최종수, 김기홍, 김효진. An investigation of clinical and mycological characteristics of onychomycosis. 대한의진균학회지 2021;26: 28~34

3) 박소희, 홍성민, 안상우, 김종욱, 조경제, 진우정, 설정은, 김효진. A Case of Infiltrating Angiolipoma on the Upper lip After Trauma. 대한피부과학회지 2021;59: 805~806

4) Jung Eun Seol, Gyeong Je Cho, Sang Woo Ahn, Seong Min Hong, So Hee Park, So Young Jung, Hyo jin Kim. The Efficacy of Skin Care Habit Modifications on the Skin Barrier Function in Rosacea Patients. 대한피부과학회지 2021;59: 770~777

방사선종양학과 (Radiation Oncology)

1) Jae wan Jeon, Sung min Lee, Hyun woo Kim, Hyun koo Kang, Hye Sook Youn, Sun mi Jo, Bu Hyun Youn, Hae Yu Kim. Revisiting Platinum-Based Anticancer Drugs to Overcome Gliomas. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 2021;22: 5111~(20)

2) Seok mo Lee, Yun seon Choi, Geum ju Park, Sun mi Jo, Sun Seong Lee, Ji sun Park, Hye Kyung Shim. 18 F-FDG PET/CT Parameters for Predicting Prognosis in Esophageal Cancer Patients Treated With Concurrent Chemoradiotherapy. TECHNOLOGY IN CANCER RESEARCH&TREATMENT 2021;20: 34227434(1~ (7))

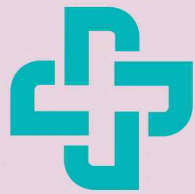
3) Geum ju Park 1, Yeon Joo Kim 2, Han jong Ahn 3, Won Park 4, Ji sung Lee 5 and Young Seok Kim 2. Salvage hypofractionated accelerated versus standard radiotherapy for the treatment of biochemical recurrence after radical prostatectomy(SHARE): the protocol of a prospective, randomized, open-label, superiority, multi-institutional trial. Trials 2021;22: 728(1)~728(9)

응급의학과 (Emergency Medicine)

1) 장진국, 박영숙, 박하영, 황태식. 급성 호흡부전 환자에서 고유량 비강캐놀라 적용 실패 시 기관삽관 및 기계호흡기 적용 예측 지표. 대한응급의학회지 2021;32: 281~289

<참고> 각 과별 영문 표기 일람표

약어	과별	영어(English)
MED	내과	Internal Medicine
CVC	심장혈관센터	Cardiovascular Center
DMC	당뇨병·내분비센터	Diabetes Mellitus & Endocrinology Center
GMC	노인병센터	Geriatric Center
ICC	인담암센터	Indang Cancer Center
PED	소아청소년과	Pediatrics
NPD	정신건강의학과	Neuro Psychiatry
NMD	신경과	Neurology
DER	피부과	Dematology
GSR	외과	General Surgery
CST	흉부외과	Thoracic Surgery
PSR	성형외과	Plastic Surgery
OSD	정형외과	Orthopedic Surgery
SCD	척추센터	Spine Center
NSD	신경외과	Neurological Surgery
NRC	노발리스 방사선수술센터	Novalis radiosurgery center
OBD	산부인과	Obstetrics & Gynecology
EYE	안과	Ophthalmology
ENT	이비인후과	Otorhinolaryngology
URO	비뇨의학과	Urology
FMD	가정의학과	Family Medicine
REH	재활의학과	Rehabilitation Medicine
DEN	치과	Dental Service
RAD	영상의학과	Radiology
EMD	응급실	Emergency Room
HPC	건강증진센터	Health Promotion Center
OBC	비만클리닉	Obesity Clinic
SMC	스포츠의학센터	Sports Medical Center
PCR	통증클리닉	Pain Clinic
OTC	장기이식센터	Organ Transplantation center
ROD	방사선종양학과	Radiation Oncology
NBD	신생아	New Born
ANE	마취통증의학과	Anesthesiology
CPD	임상병리과	Clinical Pathology
APD	해부병리과	Anatomy Pathology
HCN	가정간호과	Home care nursing
STC	선별진료클리닉	Screening Treatment Clinic



인제대학교해운대백병원
INJE UNIVERSITY HAEUNDAE PAIK HOSPITAL