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# SOCIETY FREE FROM CARDIO-CEREBRAL VASCULAR DISEASES! IT IS THE FUTURE SEJONG DREAMS OF.

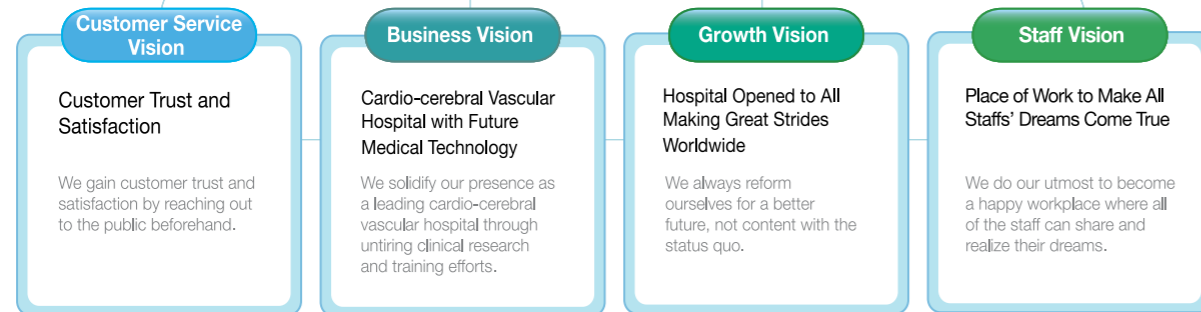
## MISSION

### Happy and Healthy Future

We utilize the most of our capabilities so that the whole of humanity can live a happy and healthy life.

## GRAND VISION

### Asia's Best Cardio-cerebral Vascular Center



## Core Value



# Sejong General Hospital CI

Benign hand of 36.5°C to embrace a wounded mind  
It is the benign hand that makes the world a better place.

## 4C



# Sejong General Hospital embodies the history of cardiac disease treatment in Korea as seen in the title of Korea's only hospital specialized in cardiac disease given by the Ministry of Health & Welfare.



Sejong General Hospital taking shape in 1982

1981

- 1981. 7 Permission of incorporation (Hyewon Medical Corporation)
- 1982. 8 First medical treatment (100 beds)  
Director Park Yeong-kwan
- 1982. 11 Sisterhood relationship with Seoul National University Hospital
- 1983. 1 First open heart surgery (Mitral stenosis)
- 1983. 5 Internship hospital designation
- 1983. 9 Bed increase (from 100 to 200)
- 1984. 6 Publication of clinical research paper Sejong Medical
- 1984. 9 Establishment of cardiology research institute
- 1984. 11 Bed increase (from 200 to 300)



Transplant of self-developed artificial heart into calf in October 1987

1987

- 1987. 3 Establishment of animal testing lab
- 1987. 9 Cardiology research institute expanded to Sejong Medical Research Institute
- 1987. 10 Transplant of self-developed artificial heart into calf
- 1987. 12 2,000 open heart surgeries performed in cumulative total
- 1988. 5 Successful pulmonary artery surgery and valve allograft
- 1988. 11 Introduction of cineangiography
- 1989. 4 Mother and child hospital agreement with Seoul National University Hospital
- 1989. 7 Designation as Korea's only medical institution specialized in cardiac disease (by Ministry of Health & Welfare)
- 1989. 7 Sisterhood relationship with Chaoxian Minzu Clinic(Harbin, Heilong Jiang Province, China)



50,000 cases of angiocardiology in cumulative total in May 2010

2010

- 2010. 3 Korea Global Medical Marketing Award winner for second consecutive year
- 2010. 5 50,000 cases of angiocardiology in cumulative total (First as private hospital with the shortest-time record)
- 2010. 6 Establishment of integrated medical information and electronic medical record system AUNURI
- 2010. 9 Medical Korea Award winner (cardiology section, for second consecutive year)
- 2010. 10 Grand opening of Sejong International Ward (First in Korea)
- 2010. 11 MOU with Drexel University School of Medicine for mutual cooperation
- 2010. 12 First Sejong Cardiovascular Symposium
- 2010. 12 Transcatheter aortic valve implantation on December 1, 2010



Establishment of hybrid operating room in August 2011

2011

- 2011. 1 Corporation establishment in Chicago (SJ Medical, Inc.)
- 2011. 4 Designation as regional emergency medical center
- 2011. 6 Opening of First Sejong Cardiovascular Training Session for Medical Practitioners
- 2011. 7 Establishment of aseptic operating room reflecting international standards
- 2011. 7 Designation as first-tier stroke and coronary artery bypass surgery provider (by Health Insurance Review & Assessment Service)
- 2011. 8 Establishment of hybrid operating room



Acquisition of JCI Certification in November 2011

2011

- 2011. 10 Commemoration ceremony for 1,000th free cardiac surgery for foreign children
- 2011. 10 Designation as foreign partner medical institution for patients in Kazakhstan
- 2011. 10 Medical Sharing Award winner at Medical Korea 2011 (chairman Park Yeong-kwan)
- 2011. 10 Second Sejong Cardiovascular Symposium
- 2011. 11 Designation as hospital specialized in cardiac disease by Ministry of Health & Welfare
- 2011. 11 Acquisition of JCI Certification
- 2011. 12 MOU with North Chungcheong Province and Korea Humana Resource Development Institute for Health and Welfare for support for vulnerable population group
- 2011. 12 Designation as hospital with the highest appropriateness in using craniotomy antibiotics (by Health Insurance Review & Assessment Service)
- 2011. 12 "Minister of Health and Welfare Award" at the Medical Korea Awards



Ceremony for the 30th Anniversary of Hospital Founding in Aug 2012

2012

- 2012. 1 Medical expense direct payment contract with Cigna International Corporation
- 2012. 2 First ECHO training session
- 2012. 2 Partnership agreement with Pyeonghwals for digital hospital development
- 2012. 3 Agreement with Salvation Army Korea Territory for support for foreign children with cardiac disease
- 2012. 4 Participation in Third Global Healthcare & Medical Tourism Conference and Medical Korea 2012
- 2012. 5 First symposium for establishment of medical system for acute cerebral vascular patients
- 2012. 5 Establishment of intensive care center for stroke patients
- 2012. 6 Hosting of the "2nd Sejong Cardiovascular Seminar for Opening Clinics"
- 2012. 8 Hosting of the hospital's 30th anniversary
- 2012. 9 First Percutaneous Left Atrial Appendage Occlusion (WATCHMAN) surgery
- 2012. 9 First Renal Denervation surgery
- 2012. 11 Hosting of the 3rd Sejong Cardiovascular Symposium 2012
- 2012. 11 Korea's first congenital heart disease specialized website, "www.isimjang.com"
- 2012. 11 MOU with Vietnam's cardiology specialized hospital, Tamduc Hospital



# Care

:Top-notch Medical Service to Guarantee Safety



**Sejong General Hospital provides top-notch medical services for ultimate customer satisfaction.**

- First system in Korea of full-time resident medical specialists
- Close and around-the-clock management of patients by skilled medical personnel
- Cutting-edge operating rooms meeting international standards
- Highest intensive care unit ratio in Korea
- Professional and systematic medical services by dedicated facilities





## Sejong General Hospital is trying to provide the best medical services for customer trust and satisfaction.

The only general hospital specialized in cardiovascular disease treatment recognized by the Ministry of Health & Welfare, Sejong General Hospital has met the safety 1,221 criteria of the JCI, or Joint Commission International, as a medical institution of global standards.

The JCI is a US medical and patient safety evaluation organization in partnership with the World Health Organization (WHO). The JCI assesses all medical processes of institutions worldwide and provides its certificate to those offering advanced and safe medical attention.



## Sejong General Hospital provides total care services so that patients can receive safe and high-quality medical attention no matter what disease they have.

- 26 departments and 8 dedicated medical centers revolving around cardiology
- 26 departments covering adult cardiology, pediatric cardiology, internal medicine, surgery, neural rehabilitation and clinical support - Cardiovascular Center, Cerebral Vascular Center, Transfusion-free Treatment Center, Diabetes Center, Digestive Organ Center, Well-being Medical Center, Artificial Joint Center, Health Promotion Center
- Largest cardiovascular center in Korea (18 adult cardiologists and 8 pediatric cardiologists)
- Medical treatment system for patients with risk factors as well as those with cardiac diseases

Sejong General Hospital's system for heart disease treatment is the role model of all medical institutions in Korea.



- Resident medical specialists of Emergency Heart Team for immediate emergency operations
- Emergency room and intensive care unit beds available for emergency patients
- Cutting-edge operating rooms meeting international standards
- Highest intensive care unit ratio in Korea (21 beds at cardiovascular intensive care unit / 22 at intensive care unit for internal medicine and surgery)
- Close and around-the-clock management of patients by skilled medical personnel

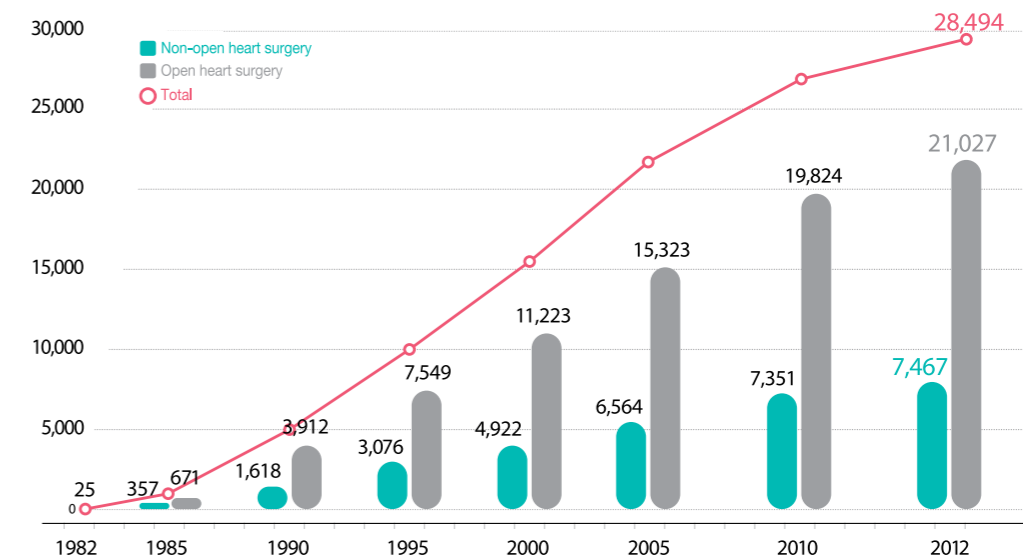




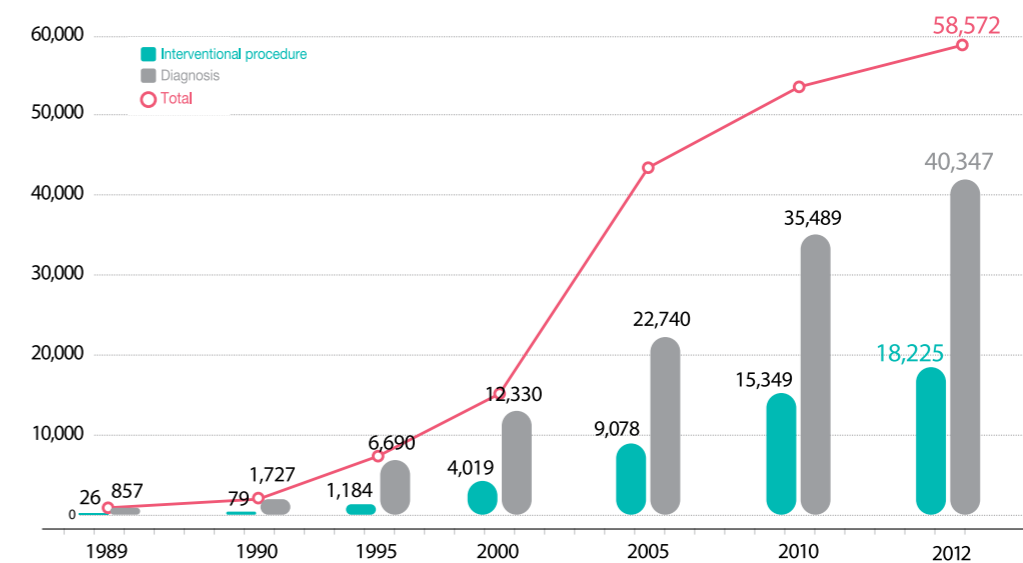
## Korea's best hospital specialized in cardiovascular disease recognized by the Ministry of Health & Welfare Guaranteeing the best results in the name of Sejong

- 30 years of experience and skill as the one and only heart specialized hospital
- 1,300 cardiac operations and 4,400 cases of angiocardiology a year
- Highest cardiac operation success rate in Korea (2001 to 2004, Korea Heart Foundation)
- Top 3 in acute myocardial infarction treatment rate (2005, Health Insurance Review & Assessment Service)
- Top 3 hospital preferred by cardiac patients (2010, Health Insurance Review & Assessment Service)
- No. 1 in coronary artery bypass surgery success rate (2011, Ministry of Health & Welfare)

## Number of cardiac operations in Korea (cumulative total)



## Domestic cardiovascular imagery cases(accumulated)





# Collaboration

: Respectful Cooperation Based on Horizontal Communication



The mutual cooperation among the highly skilled personnel creates synergy to further develop Sejong General Hospital.

- Best treatment results produced by close cooperation of medical teams
- Morning conference for sharing diagnosis and treatment know-how
- Hybrid operating room for surgical and operation procedure





## The treatment of cardiac and cerebral vascular diseases requires speedy decision making and smooth inter-department cooperation.

Every morning, medical specialists at diagnosis and treatment departments share and discuss their patient treatment processes. The morning conference is the foundation of the organic cooperation unique to Sejong General Hospital.



## Specialists from various departments produce the best treatment results at the hybrid operating room through close-knit cooperation.

### What is hybrid operating room?

Hybrid operation can be defined as a cutting-edge medical treatment method for providing patients with the best results by combining medical with surgical elements that are developing at a rapid pace. Even old-age patients and those with heart failure and pulmonary failure can be treated safely and the frequency of complications is relatively low. As such, hybrid operation is increasing its popularity these days across various medical fields.



# Commitment

: Dedication to Society through Education, Research and Volunteering



**Sejong General Hospital makes the most of its 30-year know-how and expertise to provide better treatment results. It practices love for humanity by sharing the best medical techniques**

- Training of medical personnel for further refining their expertise (training sessions at home and abroad, clinical research, etc.)
- Training of nurses through professional tests
- Sharing of cutting-edge medical techniques with institutions at home and abroad
- 3-day seminar on congenital heart disease for training of experts and specialists
- Sejong Cardiovascular Symposium for discussions of innovative cardiovascular disease treatment
- Various training opportunities for medical practitioners and emergency medical technicians providing primary health care
- Free heart disease diagnosis and operation for vulnerable social group
- Medical volunteering for foreign children with congenital heart disease





**Sejong General Hospital nurtures the most creative medical personnel with upright character and expertise.**

- **Training of medical personnel through systematic education**
  - Support for research and training of medical personnel at home and abroad
  - First program for supporting overseas training of medical specialists
  - Training of nurses through professional tests
  - Sharing of cutting-edge medical techniques with institutions at home and abroad
  - Provision of training programs to foreign medical personnel
  - Training of medical personnel from 10 countries, including Kazakhstan, Russia, China and Mongolia
  - Contribution to the promotion of Medical Korea through high-quality training programs



## Sejong General Hospital contributes to the development of cardiac disease treatment of Korea by sharing its know-how and techniques.

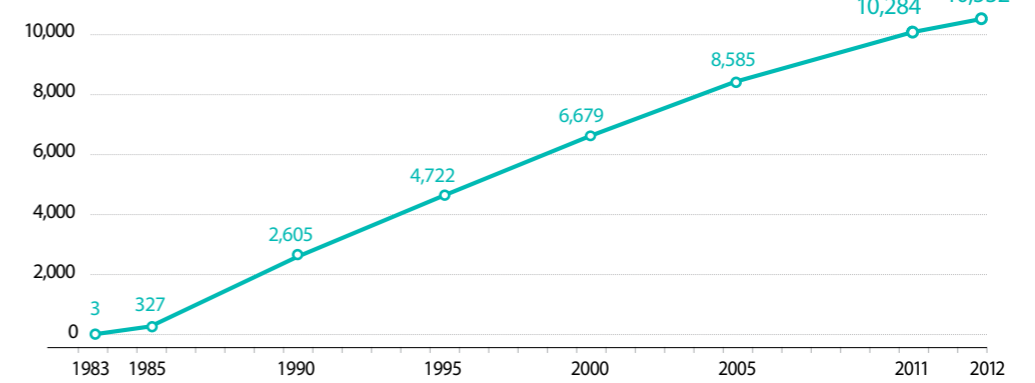
- **3-day seminar on congenital heart disease for training of CHD experts and specialists (since 1995)**
  - Hosted by Sejong General Hospital, managed by Cardiac Pathology Research Group of Circulatory System Research Society, sponsored by Cardiac Research Lab of Medical Research Center of Seoul National University
  - World's only training program using donated autopsy heart
  - Systematic 3-day course inviting masters of congenital heart disease treatment
- **Sejong Cardiovascular Symposium for sharing cardiovascular disease treatment techniques through live demonstration, lecture and discussion (since 2010)**
  - Largest symposium in Korea hosted by private hospital
  - Sharing and discussion of techniques regarding transcatheter aortic valve implantation, invasive treatment of peripheral blood vessel disease, hybrid operation, etc.
- **Annual training session for medical practitioners and symposium for emergency medical system establishment (since 2011)**



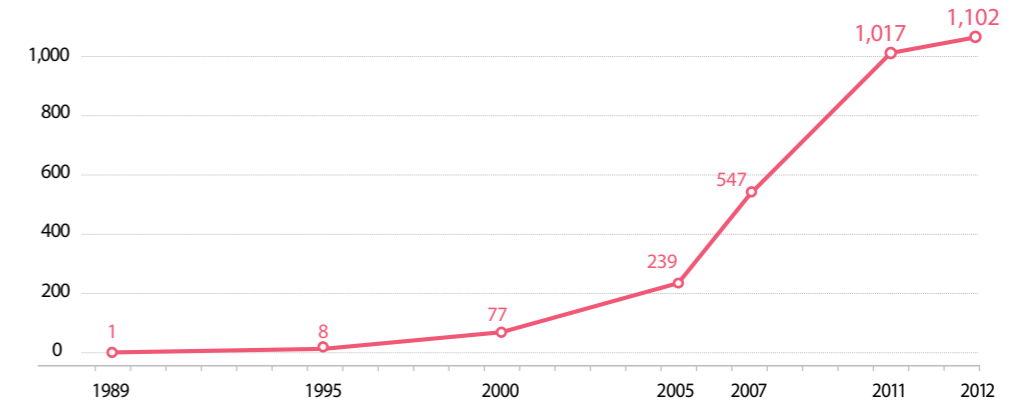


### Support of free operations for children with congenital heart disease

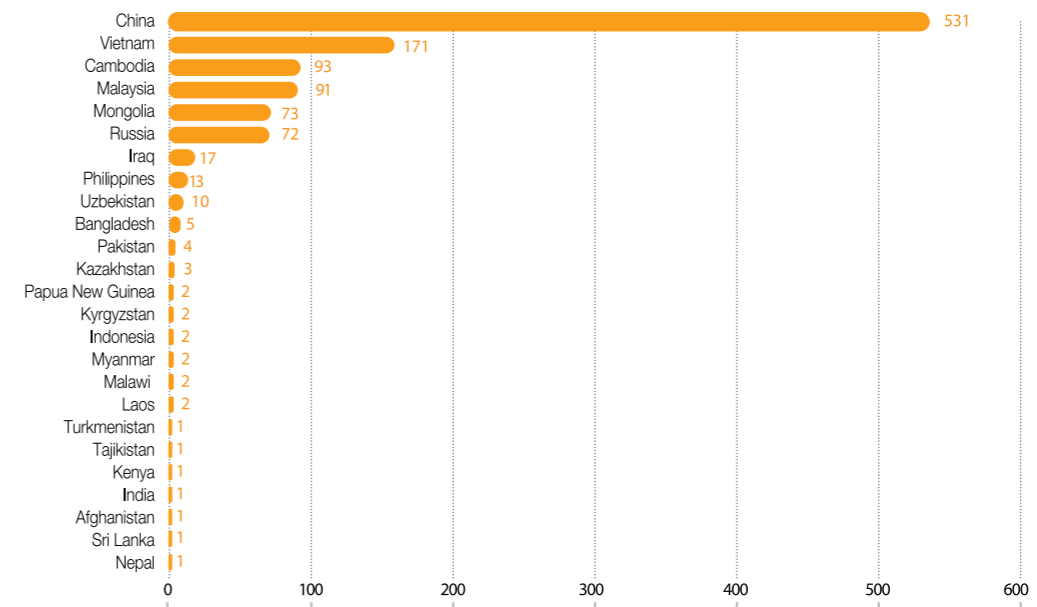
Free operation record in Korea (cumulative, 1983 to 2012)



Free operation record abroad (cumulative, 1989 to 2012)



Record of free cardiac operation support by country (1989 to 2012)



### Sejong General Hospital practices love for the benefit of our neighbors suffering cardiac diseases.

- Sejong General Hospital spreads hope with its healing art
  - Contribution to society by supporting children with cardiac diseases
  - Support for over 1,000 child patients abroad in 24 countries
  - Free diagnosis activities in island regions
  - Social outreach programs with sponsor organizations





# Challenge

: Challenging Spirit for Change and Innovation



Sejong General Hospital's endeavor for better medical services is drawing the attention of the world.

- Establishment of the first international medical ward in Korea
- Recognition as a global standard medical institution certified by JCI
- Aim to become Asia's best cardio-cerebral vascular hospital through overseas market penetration



## The passion and effort of Sejong General Hospital to achieve better cardio treatment has been pioneering the advancement of Korean medicine

- **Transcatheter Aortic Valve Implantation (TAVI)**

It is the surgery implemented on patients with critical aortic stenosis symptoms unable to receive surgery. Unlike conventional large-scale surgeries where the patient's chest is opened to replace valves with artificial valves, the surgery inserts a device through a blood vessel in the thigh and transport it to the valve, then expand the device to insert an artificial valve.

- **Percutaneous Left Atrial Appendage Occlusion (WATCHMAN)**

In principle, it is a surgery inserting a watchman in the thumb-shaped pouch (LAA: Left Atrial Appendage) in the left atrium to completely eliminate blood clotting to resolve stroke in atrial fibrillation patients and to reduce the dosage of anticoagulant.

- **Renal Denervation**

Incurable high blood pressure which cannot be treated with medication will utilize catheter ablation to selectively cut off sympathetic nerves of the kidney electrically.

- **Hybrid Operation**

The treatment combines internal medicine and surgery practices to combine surgical treatment and endovascular treatment simultaneously to provide safe and effective treatment when the lesion is complex or high risk cardiovascular surgery is necessary.

- **Chronic Total Occlusion (CTO)**

It is a high difficulty intervention surgery utilizing the latest medical technology and equipment to reopen completely blocked main blood vessels of the coronary arteries.

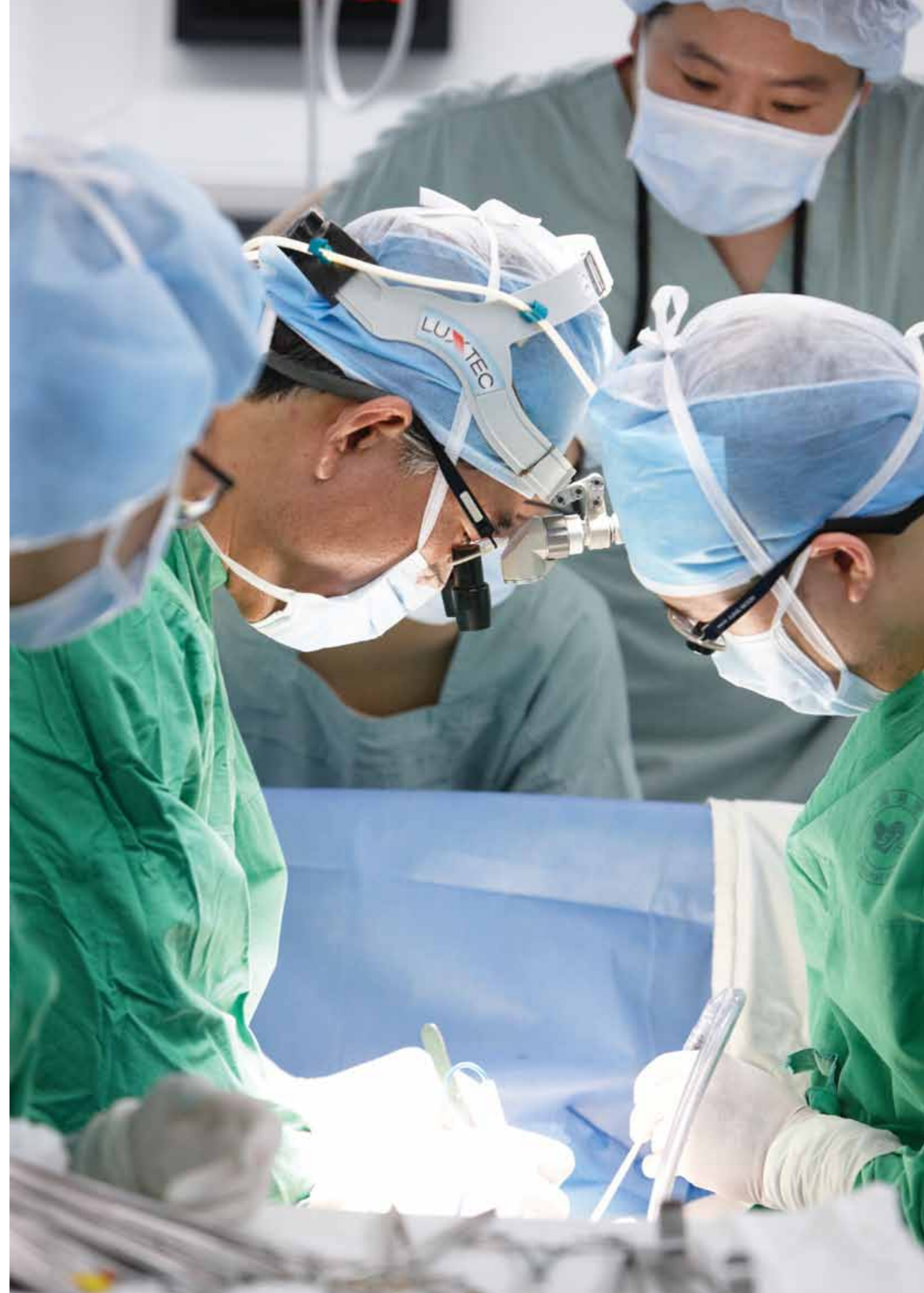
- **Artrial Fibrillation Radiofrequency catheter ablation (AF ablation)**

The surgery effectively excising irregular, uncontrolled contracting atrium muscle. When the atrial fibrillation fails to be controlled by medication, number of radiofrequency catheters are inserted to search the cause of atrial fibrillation and generates high frequency heat to completely remove the cause.

- **EVAR : Endovascular Aortic Aneurysm Repair**

- **TEVAR : Thoracic endovascular aortic aneurysm repair)**

The surgery to insert an artificial blood vessel in the expanded main aorta





## Sejong General Hospital is turning itself into the hub of cardio-cerebral vascular treatment beyond Korea.

- It provides advanced medical services to foreign patients by running Korea's first international medical ward.
  - 1 WIP room, 1 VIP room and 13 one-person rooms
  - Resident medical specialists and international medical coordinators (Russia, Kazakhstan, Mongolia, China, etc.)
  - Various independent spaces and amenities for caregivers
  - Tailored convenience facilities for foreign patients (satellite TV, meals, etc.)



## Sejong General Hospital, advancing to become the mecca of global medical facilities

“the hospital above all hospitals” being requested of complicated surgery by university hospitals

**심장** **세종병원** 경기도 수원에서 1년간 운영되고 있는 최첨단 의료시설은 국내외에서 이례적인 성공을 거두고 있다. 특히 심장 분야에서는 ‘the hospital above all hospitals’로 불리며, 대학병원에서조차 수술을 의뢰하는 경우가 많다.

세종병원은 심장 전문의 100여 명을 보유하고 있다. 특히 심장 분야에서는 ‘the hospital above all hospitals’로 불리며, 대학병원에서조차 수술을 의뢰하는 경우가 많다. 이는 국내 심장 전문의 100여 명이 모이는 ‘Sejong Cardiovascular Training Academy’가 큰 역할을 하고 있다.

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파이낸셜 뉴스

**Cardiovascular Training Academy fostered 100 best heart specialists**

Sejong General Hospital (SJH) is recognized as a leading institution in cardiovascular medicine, having trained 100 of the country's top heart specialists.

“Knock” by VIP small but strong heart pccialty hospital

세종병원, 심장 전문의 100여 명을 보유한 최첨단 의료시설은 국내외에서 이례적인 성공을 거두고 있다. 특히 심장 분야에서는 ‘the hospital above all hospitals’로 불리며, 대학병원에서조차 수술을 의뢰하는 경우가 많다.

Asan, Severance and Sejong General Hospital ranked 1st, 2nd and 3rd

Asan, Severance and Sejong General Hospital ranked 1st, 2nd and 3rd

순위	의료기관	진료인원
1	서울아산병원	33,455
2	연세대학교의료원	31,197
3	세종병원	24,050
4	서울대병원	17,706
5	아주대병원	16,969
6	삼성서울병원	16,255
7	동아대병원	13,920
8	전남대병원	13,892
9	BH-천서병원	13,427
10	가천대학교병원	11,874

심장질환 진료인원 순위 (급성심근경색 제외 단위명)

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## Sejong General Hospital Cardiovascular Center

### 1. Korea's best hospital specialized in cardiovascular disease recognized by the Ministry of Health & Welfare



- 30 years of experience and skill as the one and only heart specialized hospital
- Designation as hospital specialized in cardiac disease by Ministry of Health & Welfare (2005, 2008, 2011)
- 1,300 cardiac operations and 4,400 cases of angiocardiology a year
- Highest cardiac operation success rate in Korea (2001 to 2004, Korea Heart Foundation)
- Top 3 in acute myocardial infarction treatment rate (2005, Health Insurance Review & Assessment Service)
- Top 3 hospital preferred by cardiac patients (2010, Health Insurance Review & Assessment Service)
- No. 1 in coronary artery bypass surgery success rate (2011, Ministry of Health & Welfare)

### 2. 26 Heart specialists of Sejong General Hospital

#### • 15 adult cardiologists



#### • 6 cardiothoracic surgeons (3 adult cardiologists / 3 pediatric cardiologists)



#### • 5 pediatric cardiologists



## Sejong General Hospital treatment department



## Cardiology Department Going Beyond Korea to Asia



The Cardiology Department of Sejong General Hospital provides the best medical services to patients with cardiovascular diseases.

In particular, it is distinguishing itself in the treatment of coronary artery diseases, heart failure, valve diseases, arrhythmia, hypertension, aortic diseases, peripheral vascular diseases and heart rehabilitation. The highly skilled medical teams, cutting-edge equipment and cooperative medical treatment systems are always available for timely and accurate diagnosis and treatment.

More recently, it has performed interventional procedure to provide patients with even better services, such as transcatheter aortic valve implantation, renal denervation and percutaneous left atrial appendage occlusion.

### | Fields of Treatment |

Coronary artery disease (angina, cardiac infarction), interventional procedure, hypertension, heart failure, hyperlipidemia, heart valve disease, arteriosclerosis, peripheral vascular disease, arrhythmia, congenital adult heart disease

### | Major Surgical Procedure |

Cardiac sonogram, percutaneous valvular intervention, pericardiocentesis, cardiac catheterization, coronary arteriography, percutaneous coronary angiography, insertion of mechanical circulatory assist device (IABP, ECMO), etc.

☎ **Cardiology Outpatient Clinic : 032) 3401-101~106**

## Best Cardiothoracic Surgery Department in Korea



The Cardiothoracic Surgery Department of Sejong General Hospital performed its first open heart surgery successfully in 1983. Since then, it has conducted more than 30,000 successful open heart surgeries to become the best of its kind.

The department diagnoses and treats diseases related to the heart, lungs, esophagus, aorta, peripheral blood vessel and thorax.

The Cardiothoracic Surgery Department provides not only the best surgical techniques but also cooperative medical treatment, skilled resident medical specialists and continuous feedback for both patients and medical personnel.

### | Fields of Treatment |

Congenital cardiovascular disorder, pneumothorax, ischemic heart disease, valvular disease, aortic disease, peripheral vascular disease, pericardial disease, lung disease, esophageal disease, chest disease, chest tumor

### | Major Surgical Procedure |

Open heart surgery, aorta surgery, peripheral vascular surgery, pericardial surgery, general chest surgery, endovascular interventional procedure, insertion of mechanical circulatory assist device (VAD, ECMO)

☎ **Cardiothoracic Outpatient Clinic : 032) 3401-151,152**

## Pediatric Cardiology Department for Brighter Future of Our Children



The Pediatric Cardiology Department of Sejong General Hospital diagnoses and treats various diseases of newborn infants to adolescents, providing consultation, vaccination, physical examination, etc.

The department covers not just all types of congenital and acquired heart diseases, such as Kawasaki disease, valvular disease and myocarditis, but also juvenile arrhythmia, swooning, dizziness and chest pains.

### | Fields of Treatment |

Congenital heart disease, acquired heart disease, infant disease, gastrointestinal disease, kidney disease, endocrine disease, infectious disease, respiratory and allergic disease, blood and neoplastic disease, neural disease, developmental abnormality

### | Major Surgical Procedure |

Cardiac sonogram, percutaneous valvular intervention, percutaneous coronary intervention, pericardiocentesis, cardiac catheterization, coronary arteriography, temporary pacemaker insertion

☎ **Pediatrics Outpatient Clinic : 032) 3401-121,122**

## Pediatrics Thoracic Surgery realizing true values of respect for life



The Pediatrics Thoracic Surgery of Sejong General Hospital is specialized in the treatment of congenital heart diseases. Its track record has been on par with those of the most well-known Korean university hospitals.

In particular, it closely cooperates with the Ob/Gyn and pediatrics departments to focus on the treatment of infant patients with complicated heart diseases while applying mechanical circulatory assist devices, preserving the function of the right ventricle after Tetralogy of Fallot and providing new treatment techniques for pulmonary valve regurgitation, etc.

### | Fields of Treatment |

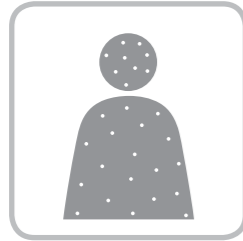
Ventricular septal defect, atrial septal defect, patent ductus arteriosus, pulmonary artery stenosis, aortic coarctation, tetralogy of fallot, transposition of great arteries, congenital valvular disease, atrioventricular septal defect

### | Major Surgical Procedure |

Open heart surgery, aortic surgery, peripheral vascular surgery, pericardial surgery, general chest surgery, endovascular interventional procedure, insertion of mechanical circulatory assist device (VAD, ECMO)

☎ **Pediatrics Thoracic Surgery Outpatient Clinic : 032) 3401-151,152**

## Infectious Disease Department for Accurate Diagnosis and Systematic Treatment of Infectious Diseases



The Infectious Disease Department of Sejong General Hospital treats patients with infectious diseases such as pneumonia, nephropylitis, lymphadenitis, encephalomeningitis, skin and soft tissue infection, endocarditis, bacterial arthritis, tuberculosis, influenza, shingles and typhoid as well as fever of unknown origin, immune deficiency and AIDS

Also, it provides outbound tourists with preventive medicine services, including vaccination, malaria prevention, etc.

### | Fields of Treatment |

Fever of unknown origin, diseases accompanying skin rash or fever, hematosepsis, lymphatic disease, disease accompanying diarrhea, enteritis, food poisoning, endocarditis, cardiovascular infection related to rheumatic fever, urethritis, cystitis, nephropylitis, prostatitis, urogenital disease, other sex-related diseases, AIDS, dermal infection, wound infection, necrotizing fasciitis, dermal and soft tissue infection related to decubital ulcer, flu, upper respiratory inflammation, pharyngitis

☎ **Infectious Disease Outpatient Clinic : 032) 3401-139**

## Pulmonary Department, Reliable Partner for Patients with Respiratory and Allergic Ailments



The Pulmonary Department of Sejong General Hospital handles inflammatory diseases, airway diseases, tumors, pleura diseases, pneumonitis, etc.

It provides pulmonary functions tests, bronchial endoscopy and allergic skin tests for accurate diagnosis along with artificial respirator-based treatment to patients with respiratory failure.

### | Fields of Treatment |

Inflammatory disease: acute bronchitis, pneumonia, bronchiectasis, tuberculosis, cervical lymphadenitis, mycosis, lung abscess

Airway disease: chronic obstructive pulmonary disease, asthma, chronic bronchitis, pulmonary emphysema, chronic airflow obstruction caused by bronchial tuberculosis

Tumor: lung cancer, benign lung tumor, mediastinal tumor

Pleura disease: pleurisy, empyema, pneumothorax

Interstitial lung disease: idiopathic pulmonary fibrosis and other immunologic diseases

Pulmonary function test: pulmonary function evaluation

Bronchial endoscopy: diagnosis of bronchial diseases

### | Major Surgical Procedure |

Bronchial endoscopy, bronchoscopic biopsy

☎ **Pulmonary Outpatient Clinic : 032) 3401-110**

## Endocrinol Metab Clinic, Messenger of Hope for Patients with Diabetes



The Endocrinol Metab Clinic is engaged in the diagnosis and treatment of hormonal and metabolism disorders, tumors found in endocrine organs and the like. Specifically, it takes care of patients with diabetes, thyroid neoplasm, thyroid malfunctioning, hyperpituitarism, galactorrhea, pituitary tumor causing amenorrhea, adrenopathy such as Cushing's syndrome, secondary hypertension, hyperlipidemia, obesity and osteoporosis.

The Endocrinol Metab Clinic of Sejong General Hospital provides systematic services like blood sugar management, examination of diabetic complications related to cardiovascular diseases and microvascular complications such as retinopathies, renopathy, foot ulceration and diabetic neuropathies.

### | Fields of Treatment |

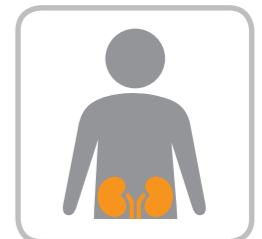
Diabetes, thyroid disease, obesity, osteoporosis, menopause, pituitary gland disease, etc.

### | Major Surgical Procedure |

Insulin pumping, thyroid sonography, carotid sonography, fine needle aspiration (thyroid), thyroid fine needle aspiration using sonography, thyroid radioactive iodine therapy, non-invasive arteriosclerosis examination, body composition analysis, cardiopulmonary exercise test system, basal metabolic rate measurement, nutrition intake and activity analysis, correction of life habits for metabolism disorder patients

☎ **Endocrinology & Metabolism Outpatient Clinic : 032) 3401-115,116**

## Nephrology Department for Healthy Kidney



The Nephrology Department of Sejong General Hospital provides the early detection and treatment of chronic renal diseases while offering hemodialysis and peritoneal dialysis to patients with end-stage renal failure for life extension.

Whenever complications are detected, the department can take immediate countermeasures as experienced medical teams are running the artificial kidney center.

### | Fields of Treatment |

Renal failure, nephritis, hypertension, edema, nephropylitis, hematuria, albuminuria, etc.

### | Major Surgical Procedure |

Venous catheter insertion for hemodialysis, dialysis management (peritoneal dialysis, hemodialysis, continuous renal replacement therapy)

☎ **Nephrology Outpatient Clinic : 032) 3401-107**

## Gastroenterology Department Providing the Best Treatment and Endoscopic Examination



The Gastroenterology Department of Sejong General Hospital diagnoses and treats diseases associated with esophagus, stomach, small and large intestines, liver, biliary tract and pancreas. It performs various surgical procedure using endoscopy, including conscious sedation endoscopy, gastroendoscopy and polypectomy for diagnosis and treatment purposes.

**| Fields of Treatment |** Esophageal disease (esophagitis, esophagus diverticula, esophagostenosis, esophageal varix, esophageal foreign bodies, esophageal cancer, etc.) stomach and duodenal diseases (gastritis, duodenitis, gastric ulcer, duodenal ulcer, stomach cancer, etc.), small and large intestinal diseases (inflammatory bowel disease, intestinal tuberculosis, colon polyp, irritable colon syndrome, small and large intestine cancer), liver diseases (hepatitis, fatty liver, alcoholic liver disease, cirrhosis, liver cancer, etc.)

**| Major Surgical Procedure |** Upper and lower gastrointestinal endoscopy, hemostasis (band ligation, clipping, etc.), polyp removal, endoscopic mucosal resection, endoscopic submucosal dissection, dilatation, stent insertion ERCP, endoscopic percutaneous gastrostomy, esophageal pressure measurement

☎ **Gastroenterology Outpatient Clinic : 032) 3401-108,109,111**

## Family Medicine Department for Holistic Healing



The Family Medicine Department of Sejong General Hospital provides treatment and consultation with regard to most common diseases along with comprehensive services for prevention, rehabilitation and health promotion. The health status of patients and their family members are analyzed at the same time for proper treatment. It also acts as a guide offering information about certain diseases and hospitals to deal with them.

**| Fields of Treatment |** Lifelong healthcare clinic, obesity clinic, dietetics clinic, healthcare clinic for tourists, Non-smoking clinic

☎ **Family Medicine Outpatient Clinic : 032) 3401-484**

## Psychiatry Department for Emotional Rehabilitation based on Science



The Psychiatry Department of Sejong General Hospital covers mental diseases caused by psychological, socio-environmental and biological factors while striving for their diagnosis, treatment and prevention. The department is performing mental inspection for adults and adolescents, intellectual disability examination, dementia inspection and making use of diagnostic imaging techniques for more scientific and accurate diagnosis and evaluation.

**| Fields of Treatment |** Senile mental disorder, brain injury disorder, panic disorder, depression, schizophrenia, sleep disorder, attention disorder, autism, learning disability, developmental disorder, alcoholism, drug addiction, neurological disorder

☎ **Psychiatry Outpatient Clinic : 032) 3401-135**

## Surgical Department Focusing on Evidence-based, Scientific and Timely Treatment

The Surgical Department of Sejong General Hospital has been performing a great number of operations on patients with stomach cancer, colon cancer, breast cancer, thyroid cancer and so forth as well as varicose veins and anal diseases.

It has rich experience and very high success rates in the surgical treatment of severe heart diseases, not comparable to any other medical institution in Korea.

The close cooperation between the medical personnel and the other related clinical departments such as the Gastroenterology and Radiology Departments has led to the best treatment results.

### | Fields of Treatment |

Gastrointestinal disease, liver and biliary tract disease, colon and anal disease, endocrine system failure, head and neck disease, breast disease

### | Major Surgical Procedure |

Thyroid and endocrine system (adrenal, pancreas, etc.), breast (benign and malign tumor), gastrointestinal tract (cancer, tris, blockage, etc.) pediatric operations and procedure for gastrointestinal tract deformation, treatment for dialysis, wound treatment, etc.

☎ **Surgery Outpatient Clinic : 032) 3401-128,129**



## Orthopedics for Safe Spinal and Joint Operations on High-risk Patients

The Orthopedics Department of Sejong General Hospital provides effective medical services for the diagnosis, treatment and prevention of diseases associated with the spine and limbs, including bones, joints, muscles, ligaments, nerves and blood vessels.

The department is characterized by its close cooperation with other clinics such as the Cardiovascular and Cardiothoracic Departments for the safe treatment of high-risk patients, including heart, old-aged and chronic patients.

### | Fields of Treatment |

Artificial joint, limb deformation, spinal disease, knee joint disease, shoulder joint disease, hand surgery, arthroscopic injury, bone tumor, osteoporosis

### | Major Surgical Procedure |

Bone joint surgery, artificial arthrocentesis, surgical treatment of diabetic foot

☎ **Orthopedics Outpatient Clinic : 032) 3401-141,142**



## OB/GYN Department Offering Comfortable Treatment for Female Healthcare



The Ob/gyn Department takes care of lifelong female healthcare. It is divided into obstetrics, which covers pre- and mid-pregnancy maternal health, childbirth and post-childbirth healthcare, and gynecology covering endocrinology and gynecological oncology.

All women, from their infant and youth stage to old age, are subject to ob/gyn treatment. The department takes care of all types of diseases and diagnoses associated with them.

**| Fields of Treatment |** Pre-natal management, fetal sonography, amniotic fluid chromosome analysis, Pre- and post-natal care of fetus with heart deformity and newborn infant care, Management of high-risk pregnancy, medical and health examination of pre-pregnancy women, Post-natal examination, diagnosis and treatment of reproductive and endocrine diseases

**| Major Surgical Procedure |** Regular delivery, painless labor (delivery room for patients' families), C-section, contraception procedure, in-vitro fertilization, fibroid, ovarian tumor, endometriosis (minimally invasive celioscopy, laparotomy), endometrium tissue examination, cervical tissue examination, conization, diagnostic laparoscopy, tubal restoration, urinary incontinence, vaginoplasty, uterine prolapsed

☎ **Ob/gyn Outpatient Clinic : 032) 3401-131,132**

## Urology Department Taking Central Role of Medicine



The Urology Department of Sejong General Hospital takes care of the surgical treatment of diseases related to kidney, ureter, bladder, urethra and adrenal. It treats male prostate diseases such as prostatism and chronic prostatitis and dysuresia, sexual dysfunction, urological deformities of infants, hydrocele testis, etc.

**| Fields of Treatment |**

Urinary stone clinic, prostate clinic, urological oncology clinic, incontinence clinic, female sexual dysfunction clinic, dysuresia clinic, male clinic, female urology clinic

☎ **Urology Outpatient Clinic : 032) 3401-162**

## ENT Department for Specialized Treatment Services and Customer Satisfaction



The ENT Department of Sejong General Hospital provides effective diagnosis and treatment services associated with ear, nose and throat ailments. Furthermore, it handles various body parts such as the temporal bone and upper airway in cooperation with other departments like Pulmonology, Cardiothoracic and Dental.

**| Fields of Treatment |**

Voice disorder, head and neck tumor, allergic rhinitis, sinus infection, snoring, ear infection, hearing impairment, tinnitus, facial paralysis, dizziness

**| Major Surgical Procedure |**

Ear and nose surgery, throat surgery

☎ **Otolaryngology Outpatient Clinic : 032) 3401-161**

## Emergency Medicine Department Awake 24 Hours a Day to Save Lives



In the Emergency Medicine Department of Sejong General Hospital, four medical specialists, one resident doctor and 13 nurses provide around-the-clock medical attention so that emergency patients can get effective early-stage treatment. Also, cardiovascular and cardiothoracic surgeons are working together with them all year round. Their prompt emergency treatment and close cooperation shorten treatment time, recording the best results in Korea in terms of emergency heart treatment.

The department is playing a critical role in saving emergency patients in Bucheon, Siheung, Bupyeong, Gwangmyeong and the southwestern region of Seoul.

**| Fields of Treatment |** Emergency cardiovascular and cerebral vascular disease, emergency internal and surgical disease, emergency pediatric disease, trauma

**| Major Surgical Procedure |** CPR, addiction treatment, emergency tracheostomy and criothyroidotomy, wound care, closed reduction and external fixation, pain treatment

☎ **Emergency Room (24-hour Cardiovascular Emergency Center) : 032) 3401-117,118,119**

## Anesthesiology and Pain Medicine Department the pilot of controlling life

The Anesthesiology and Pain Medicine Department of Sejong General Hospital administer anesthesia on patients subject to surgery for their safety and smooth operation.

Since Sejong General Hospital is specialized in heart surgeries, it has performed a large number of open heart anesthesia and has rich experience. It is running various equipment to this end, including monitoring devices, auto-transfusion systems, cardiac output measurement devices, cerebral oxygen saturation measurement equipment, gel pads for bedsores prevention and flow warming sets, for patients' safety. Also, it is paying great attention to the maintenance of the body temperature of patients waking up from anesthesia as well as pediatric anesthesia, geriatric anesthesia, neuro-anesthesia, etc.



**| Fields of Treatment |** General anesthesia, obstetric anesthesia, pediatric anesthesia, geriatric anesthesia, cardiovascular anesthesia for transplantation, pain clinic

**| Major Surgical Procedure |** Low-temperature anesthesia, low-pressure anesthesia, catheter insertion, bronchial endoscopy, special echocardiography (transesophageal echocardiography, mid-operation echocardiography), critical patient care

## Dental Department for 20 Healthy Teeth until 80

The Dental Department of Sejong General Hospital diagnoses and treats diseases associated with teeth, gum, oral cavity, jaw and jawbone. Also, it takes care of oral tissue infection and injury, congenital and acquired malocclusion, jaw and facial deformation, oral tumor, salivary gland ailment, etc.



**| Fields of Treatment |** Treatment and prevention of periodontal disease, prosthetic restoration (implant, general and local denture, porcelain, inlay, crown and bridge), aesthetic treatment, whitening, temporomandibular treatment, pediatric dentistry, pediatric orthodontics

☎ **Dental Outpatient Clinic : 032) 3401-124**

## Neural Rehabilitation for Better Tomorrow through Professional Treatment of Cerebral Neural Diseases



The Neurology Department covers every disease related to the central and peripheral nervous systems. Examples include headache, dizziness, stroke, dementia, Parkinson's Disease, epilepsy, sleep disorder, facial paralysis, muscular diseases, etc. The department makes much of neurological examination more than other departments and, in some cases, examinations suffice for diagnosis. When necessary, it employs CT scanning, MRI, MRA, transcranial Doppler, carotid artery ultrasonography, brainwave testing, video electronytagmography and the lie for more accurate observation.

### | Fields of Treatment |

Cerebrovascular disorder, dementia, dizziness, headache, epilepsy, Parkinson's Disease

☎ **Neurology Outpatient Clinic : 032) 3401-136**

## Neurosurgery Department for Perfect Treatment of Stroke and Vertebral Disease



The Neurosurgery Department of Sejong General Hospital provides cutting-edge equipment like MRI, 3D volume CT, TCD and microsurgery microscopes required for treating a cerebral disease, disc, spinal injury and the like. Also, it is running its own intensive care unit equipped with a central monitoring unit. In many cases, a heart disease is accompanied by spinal, cerebral, cerebrovascular ailments. Even when a cerebral or spinal surgery is difficult, the department cooperates with other departments in the hospital for safe operations.

### | Fields of Treatment |

Stroke, subarachnoid hemorrhage, cerebral aneurysm, cerebral hemorrhage, cerebrovascular intervention, carotid artery stenosis, brain tumor, headache, lumbar disc, cervical spinal disc, spinal canal stenosis, spondylolisthesis, compression fractures of vertebrae, head and spinal injury

### | Major Surgical Procedure |

Head tumor surgery, cerebral and cerebrovascular surgery, spinal surgery, angiography, percutaneous cerebrovascular intervention, nerve block, tracheotomy, cranioclasty, decompression, encephalitis treatment, cerebrovascular anastomosis

☎ **Neurosurgery Outpatient Clinic : 032) 3401-145**

## Rehabilitation Medicine Department for Your Dream of Longevity



The Rehabilitation Department of Sejong General Hospital treats various pains, stroke and spinal injuries as well as helping heart patients rehabilitate for higher standards of living. Also, the department is running its own heart rehabilitation clinic for early resuscitation of the patients, adaption to society and prevention of recurrence.

### | Fields of Treatment |

Muscular pain, skeletal pain, hand and foot numbness, stroke rehabilitation, spinal injury, traumatic brain damage, cardiopulmonary rehabilitation, exercise therapy, botox injection

### | Major Surgical Procedure |

Electromyography, pain treatment (TPI, prolotherapy, nerve block)

☎ **Rehabilitation Medicine Outpatient Clinic : 032) 3401-143**

## Radiology department for Higher Perfection of Diagnosis and Treatment

The Radiology Department of Sejong General Hospital provides various examinations such as simple imaging, visual inspection, CT, MRI, ultrasonography and angiography for the accurate analysis of diseases. It also offers interventional procedure to better support patients.



### | Fields of Treatment |

Pediatric radiology, head and neck radiology, chest radiology, abdominal radiology, musculoskeletal radiology, genitourinary radiology, vascular and interventional radiology, breast radiology

### | Major Surgical Procedure |

Interventional procedure against vascular and hepatobiliary diseases, percutaneous abscess drainage, fine needle aspiration biopsy

## Pathology Department for Higher-quality Medical Services based on Accurate Diagnosis

The Pathology Department of Sejong General Hospital conducts research upon the generation and progress of diseases, lesion structure, the shape and function of organs and the like while observing biopsy tissue and cells in a pathomorphologic manner so that more information can be provided as to the cause, prognosis and treatment of diseases.



### | Fields of Treatment |

Pathological diagnosis, cytologic diagnosis, tissue diagnosis, frozen section examination, chemical diagnosis of tissues

## Laboratory Medicine Department Leading Evidence-based Medicine

The Laboratory Medicine Department of Sejong General Hospital performs examinations of clinical specimen derived from the human body to support medical treatment. It takes charge of disease diagnosis, determination of treatment methods, prognosis, antibiotic susceptibility examination, safe supply of blood, detection, prevention and treatment of diseases through medical checkup and selective examination, etc.



### | Fields of Treatment |

Comprehensive examination, blood test, clinical chemistry, clinical microbiology, blood bank, diagnostic immunology, urine microscopy, on-site examination

**We carry on the trust in our name**

