GANGNAM SEVERANCE HOSPITAL
A distinguished global hospital serving the world
World-Class University Hospital
Built on the Principle of being the “First” and the “Best”

With its 128-year-long tradition, Yonsei University Health System is Korea’s representative medical center and has set many benchmarks as being the “first” and the “best” in Korean medical history. Gangnam Severance Hospital was established in 1983 to provide accessible healthcare for the Gangnam area, a hub of the Korean economy, and to continue Yonsei University Health System’s ascent toward the pinnacle of the medical world.

The primacy of Gangnam Severance Hospital was confirmed yet again with its April 2010 accreditation from the Joint Commission International (JCI) – the first for any hospital in the Gangnam region.

Gangnam Severance Hospital, which has established a world-class medical system while spearheading the improvement of regional medicine, is experiencing a rebirth at the forefront of the global medical world and evolving into an institution on which patients across the world can rely.

A distinguished global hospital serving the world
Yonsei University Health System, which established Gangnam Severance Hospital, is recognized as Korea’s most globalized medical center and a driving force behind improvement in the nation’s medical services. There are 5 general hospitals (including Gangnam Severance), 2 graduate schools, and 3 colleges including medical, dental, and nursing colleges under the umbrella of Yonsei University Health System.

Gangnam Severance Hospital, which has constructed a strong medical network with Yonsei University Health System, is a general hospital that consists of 3 specialized hospitals and 35 departments. The fruits of its labors in the field have been diverse and progressive, including becoming the first hospital to execute a successful lung transplantation and winning acknowledgement as a healthcare leader that has established rapid and precise treatment systems across an array of specialties.

The facility is also highly recognized by patients for its various customer friendly programs and facilities, such as the patient-oriented design of wards, nature-friendly spaces, and cutting-edge computing system.

The Strength of Gangnam Severance
Robust Medical Network and Excellent Treatment Staff

Gangnam Severance Hospital has led Gangnam area of Seoul to the "forefront of Korea’s medical service."
Gangnam Severance Hospital aims to become an internationally celebrated hospital that provides superior medical care by prioritizing patients’ safety, improving medical techniques by focusing efforts on research and education as well as treatment, and investing in cutting-edge equipment and facilities for our patients.

Efforts by Gangnam Severance Hospital to excel in the field have paid off through a number of certifications from international organizations as well as those in Asia, in addition to domestic assessment agencies.

Gangnam Severance Hospital is widely acknowledged as a healthcare facility equipped with excellent medical staff and cutting-edge treatment systems. The JCI certification once again confirms that the hospital is endowed with a world-class treatment environment and medical care system.

**A Distinguished Global Hospital**

**Preeminent, Cutting-edge Medical Care**

**Accreditation from the Joint Commission International (JCI)**

The JCI is an international non-profit organization based in the U.S. that accredits medical centers and is widely considered to be the most reliable evaluation body in the medical field. After undergoing the evaluation of the JCI judging panel consisting of doctors, nurses, and hospital administrators in 1,214 items of 13 specialties, Gangnam Severance received scores higher than the benchmarks and achieved JCI certification.

<table>
<thead>
<tr>
<th>Accreditation</th>
<th>Description</th>
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<tbody>
<tr>
<td>Top-level hospital in medical treatment for acute myocardial infarction</td>
<td>(2008-2010 Health Insurance Review &amp; Assessment Service of Korea)</td>
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<tr>
<td>First-level hospital in evaluations of suitability of hemodialysis</td>
<td>(2010 Health Insurance Review &amp; Assessment Service of Korea)</td>
</tr>
<tr>
<td>Asan Hospital Management Awards (AHMA) honored in the category of “Enhancement of Patient Safety and Medical Service Quality”</td>
<td>(2009 Hospital Management Asia (HMA))</td>
</tr>
<tr>
<td>Acquired top-level designation of treatment for acute stroke</td>
<td>(2009 Health Insurance Review &amp; Assessment Service of Korea)</td>
</tr>
<tr>
<td>Selected as a hospital of excellence in five major high-risk operations</td>
<td>(2008 Health Insurance Review &amp; Assessment Service of Korea)</td>
</tr>
<tr>
<td>Chosen as a medical center of excellence in the use of preventative antibiotics</td>
<td>(2008 Health Insurance Review &amp; Assessment Service of Korea)</td>
</tr>
<tr>
<td>Received an “A” ranking in the all categories of the 2008 medical institutions evaluation</td>
<td>(Ministry for Health and Welfare of Korea)</td>
</tr>
</tbody>
</table>
Gangnam Severance Hospital has been acknowledged as a treatment center proactive in the investment, introduction, and employment of cutting-edge equipment for superior medical care. As the first in Asia, the hospital introduced the da Vinci robotic surgery, the result of advances in 21st-century medical technology. Additionally, the hospital commenced the use of tomotherapy, a radioactive treatment device that delivers an outstanding reduction in the pain associated with anti-cancer treatments, and PET-CT, a state-of-the-art device for the early diagnosis of cancer.

**Cutting-Edge Medical Techniques**

**An Abundance of Experience Coupled with the Latest Technology**

**MRI** | Magnetic resonance imaging. These high-resolution images are useful in the early detection, prevention and treatment of cerebrovascular diseases.

**PET-CT** | A medical imaging device that combines positron emission tomography and computed tomography for highly effective performance in the early detection of cancer.

**Da Vinci Robotic surgery system** | A cutting-edge operative device similar to endoscopic surgery that inserts a robotic arm through a minimally invasive incision. The advanced surgical precision of this technique helps to raise treatment results and reduce recovery times.

**Tomotherapy** | The latest device in the struggle against cancer combines a radiation therapy device and CT scanning. This procedure can be used in therapy for all kinds of cancer and is effective in the removal of tumors on many regions of the body.

After introducing da Vinci robotic operations in 2007 for the first time in Asia, Gangnam Severance Hospital achieved outstanding results in the treatment of various cancers including colorectal cancer, prostate cancer, women’s cancer and liver cancer.
Medical Care for Overseas Patients
First-class Medical Care from Examination to Treatment

Three specialized hospitals (Cancer, Spine, Dental), specialized centers by the main disease type (Cerebrovascular Center, Cardiovascular Center, Endocrinology and Diabetes Center, Endoscopy Center), and the Health Promotion Center (one-stop system from diagnosis to cure).

There are no borders in the medical services provided by Gangnam Severance Hospital. Our system guides patients from abroad through examinations, treatment and care in a convenient and prompt manner with an interpretation service, while the International Health Care Center supports the treatment process and ensures the highest comfort-level for foreign patients.

Smooth communication along with prompt examinations and treatment are a requisite for our overseas patients. Gangnam Severance Hospital has established a system to help foreign patients move easily through the treatment procedures, and operates the International Health Care Center to provide an array of convenient services.

Fast-track program for foreign patients

- Fast-Track Program for foreign patients
  - Referring patients to specialized doctors of respective fields. When an abnormality is detected during the examination process, patients are directly referred to doctors of the corresponding specialty.
- Exclusive window for receptions and requests
  - Helping foreign patients receive examinations and treatment upon their arrival in Korea.
- Inpatient treatment
  - Hospitalization and examination can be carried out on the day of visit. In the event that an operation is needed, the earliest possible date will be scheduled.

Smooth communication along with speedy examinations and treatment are a requisite for patients from abroad. Gangnam Severance Hospital has established a system to help overseas patients get through treatment procedures as quickly as possible and has been running the International Health Care Center to provide an array of convenient services.
Cancer is a complicated and comprehensive disease. Gangnam Severance Hospital administers a cancer hospital, in which experts in cancers of the thyroid, lungs, breast, liver, pancreas, stomach, colon, rectum, uterus, ovary, larynx, and prostate, have been assembled to provide “integrated treatment” tailored to each patient.

Gangnam Severance Hospital is raising the bar for cancer care with a treatment space designed for patients to receive concentrated comprehensive treatment, from diagnosis through rehabilitation all in one place. Consultant coordinators, who are always on standby, help patients and their families to go through care procedures without fear; while educational spaces including kitchens are there to provide education on healthy eating habits.

Cancer Hospital
Raising the Bar for Cancer Treatment

The diagnosis rooms, examination rooms and treatment rooms have been brought together while the facility boasts interior décor designed taking into consideration of the state of mind of our patients.
Gangnam Severance Hospital has established Korea’s first spinal hospital. The “collective care system” brings together the specialties of neurosurgery, orthopedic surgery, and rehabilitative medicine to provide faster and more precise care to patients with spinal conditions. We believe that our surgery-to-rehabilitation one-stop program only available at Gangnam Spine Hospital is the best medical service available to patients today and is made possible by the institution’s broad know-how and the most advanced spinal medical technology.

Spine Hospital
One-stop from Surgery to Rehabilitation

Notable strengths of the spine hospital

**One-stop System**
A single-stop treatment system that provides examination and diagnosis within a day for the patient’s convenience.

**Cutting-edge medical equipment and technology**
- Equipped with advanced equipment such as CT, MRI, DITI (Digital Infrared Thermographic Imaging) and PET.

**Rehabilitation Program**
- Provides a rehabilitation treatment program for patients who do not require surgery after being linked to rehabilitation medical division.
- Provides spinal stabilization programs including physical therapy to patients who have undergone surgery.
- Provides preliminary education programs for patients and their families to alleviate fear and anxiety.

**Educational Program**
- Offers spine classes to provide health information including the proper ways to care for the spine following surgery, and dietary information.
There are a growing number of people who visit dental clinics not only for functional concerns but also for esthetic and psychological reasons. Gangnam Severance Dental Hospital operates 5 treatment departments and 5 Specialized clinics to meet the various needs of patients.

The temporomandibular joint disorder clinic has been assessed as unparalleled in its treatment techniques. The Department of Orthodontics is actively implementing an esthetic treatment method with invisible brackets. Over the past 20 years, the hospital has performed more than 5,000 implant procedures, exhibiting a success rate of more than 95 percent. In treatment for periodontal disease, implants using bone regeneration have recorded a success rate higher than 99 percent.

**Dental Hospital**

**A Powerful Array of Techniques to Improve Function and Esthetics**

Five(5) specialized fields for patients who seek detailed elective treatments

- **Department of Oral and Maxillofacial Surgery**: Operation of specialized clinics including the Temporomandibular Joint Clinic and Adult Orthognathic Surgery Clinic.
- **Department of Orthodontics**: Utilizes a diagnosis method with three-dimensional images. Raises the level of esthetic satisfaction by using transparent brackets and lingual brackets.
- **Department of Prosthodontics**: From 1989 through today, the department has installed more than 5,000 implants, recording a success rate of over 95 percent. After developing the world’s safest implants, the department applied for patents in Korea and the U.S. and obtained approval for the technologies as production items.
- **Department of Periodontology**: Performs various operations to regenerate periodontal tissues. Operates a recall system to prevent recurrences.
- **Department of Oral Conservative Dentistry**: Performs various treatments to maximize esthetic effects and preservation of teeth.

The Dental Hospital is outfitted with pleasant and comfortable treatment spaces, and is actively seeking to develop advanced medical techniques to recover teeth function and strengthen esthetics. This facility has also exhibited very high success rates.
Cardiovascular diseases including hypertension, angina pectoris, and myocardial infarction are some of the leading causes of deaths in Korea. Gangnam Severance has established a teamwork system in which professors of cardiology, cardiac surgery, radiology, nuclear medicine, and anesthesiology work in unison under an integrated system.

Gangnam Severance Hospital is outfitted with the latest cardiovascular imaging devices and has been actively performing special treatments including balloon dilatation and stent operation for accurate diagnoses and treatment of coronary arterial diseases.

Gangnam Severance’s Cardiovascular Center is widely known as the hospital that performs the greatest number of pioneering operations for cardiovascular diseases.

**Cardiovascular Center**
The Premier Medical Center for Challenging Operations

**Major medical achievements for of the Cardiovascular Center**

- Acquired first-level designation in the field of myocardial infarction (2008-2010 Health Insurance Review & Assessment Service of Korea)
- Honored with the QI Grand Prix for treatment of myocardial infarction (2009 Health Insurance Review & Assessment Service of Korea)
- Selected as a hospital excellence in five major high-risk operations, including PCI (Percutaneous Coronary Intervention) (2008 Health Insurance Review & Assessment Service of Korea)

Gangnam Severance performs more than 1,000 angiography procedures and more than 800 coronary artery angioplasty and stent operations per year. The hospital was selected by the Korean government as an excellent medical center for its outstanding results.
Early detection is of supreme importance in neurological diseases. Gangnam Severance has worked to increase the accuracy of diagnoses and achieve high-level treatments by introducing advanced technology including the latest Digital Subtraction Angiography imaging room.

Cerebrovascular diseases mainly occur in middle age or later when people are in the prime of their life, causing great suffering to individuals, families, society and the nation.

Recognizing the seriousness of cerebrovascular diseases early, Gangnam Severance has been focusing efforts into early detection, prevention, and treatment using MRA since 1997. For more specialized diagnoses, and treatments, the hospital is rapidly introducing advanced equipment and seeking to minimize the diagnosis and treatment times by establishing a teamwork system across related medical staff.

**Cerebrovascular Center**

**Prompt Treatment from an Immaculately Equipped Medical Team**

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**Major medical achievements of the Cardiovascular Center**

- Top-level designation acquired in treatment for acute stroke (2009 Health Insurance Review & Assessment Service of Korea)
- A-rating acquired in all categories of stroke treatment (2007 Ministry for Health and Welfare)

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Early detection is of supreme importance in neurological diseases. Gangnam Severance has worked to increase the accuracy of diagnoses and achieve high-level treatments by introducing advanced technology including the latest Digital Subtraction Angiography imaging room.
Gangnam Severance’s Endoscopy Center has achieved high performance in advanced endoscopy examinations including endoscopic submucosal dissection, endoscopic retrograde cholangiopancreatography, and endoscopic ultrasound.

Endoscopy Center
Accurate Examination and Diagnoses with in Less Time and with Less Pain

State of Examination of Endoscopy Center (As of 2009)

<table>
<thead>
<tr>
<th>By Examination</th>
<th>Monthly Performance (Case)</th>
</tr>
</thead>
<tbody>
<tr>
<td>E.G.D. (Esophagogastroduodenoscopy)</td>
<td>9,024</td>
</tr>
<tr>
<td>E.S.D. (Endoscopic Submucosal Dissection)</td>
<td>132</td>
</tr>
<tr>
<td>Colonoscopy</td>
<td>4,237</td>
</tr>
<tr>
<td>E.R.C.P (Endoscopic Retrograde Cholangiopancreatography)</td>
<td>619</td>
</tr>
<tr>
<td>E.U.S (Endoscopic Ultrasound)</td>
<td>441</td>
</tr>
<tr>
<td>Capsule (Capsule Endoscopy)</td>
<td>32</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>14,482</strong></td>
</tr>
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</table>
The greatest strength of Gangnam Severance’s Health Promotion Center is that patients can receive treatment directly from Korea’s best medical staff in each field depending on the results of their examination without separate outpatient treatment. Specialized coordinators design examination programs required for a patient, and medical teams consisting of specialists in each field read examination results and inform a patient if a disease has been detected while providing information on preventative measures and health management.

Efficient use of space, with an emphasis on privacy and pleasant surroundings with the feeling of a gallery, is proof of the special care and service provided by Gangnam Severance Hospital.

**Health Promotion Center**

**Optimized Examination Program for Life-Long Health**

<table>
<thead>
<tr>
<th>Optional Examination Items Beyond Basic Items</th>
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<tbody>
<tr>
<td>Brain MRI, Brain MRA</td>
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<tr>
<td>Low-dose chest CT</td>
</tr>
<tr>
<td>Prostate ultrasonography</td>
</tr>
<tr>
<td>Breast ultrasonography</td>
</tr>
<tr>
<td>Bone densitometry</td>
</tr>
<tr>
<td>Thorough dental examination</td>
</tr>
</tbody>
</table>

- 3D cardiac CT
- Colonoscopy (endoscopy with sedation)
- Thyroid ultrasonography
- Gynecological ultrasonography
- Examination for atherosclerosis and stenosis (PWV): HPV-DNA (human papilloma virus) test
- Comprehensive consultation provided by specialists in each clinical area
Plastic Surgery Clinic
Approved Methods, Safe and Pioneering Medical Treatment

Recently, Korea has been garnering a reputation as Northeast Asia’s hub for medical tourism—a country sought by many who have interest in plastic surgery. Focusing on facial rejuvenation, Gangnam Severance’s Plastic Surgery Clinic has been restoring the youthful appearance of people from a wide range of countries.

In addition, the Plastic Surgery Clinic provides outpatients with simple eye surgery (blepharorrhaphy/double eye-lid operation) and nose operations focused on esthetics as well as offering the wrinkle clinic without hospitalization, achieving a high level of satisfaction from foreign patients. Armed with verified surgical methods and advanced equipment, the clinic always puts patient safety first.

Skin Clinic
Specialized Treatment for Healthy and Beautiful Skin

As the aging population increases due to longer average life spans, people’s interest in anti-aging is growing and demand to maintain healthy skin is burgeoning. In addition, due to changes in our environment, the occurrence of a variety of skin ailments is increasing.

The Department of Dermatology is equipped with advanced laser technology including CO₂ Laser, Nd-Yag Laser, IPL, Yellow Laser, and Fractional Laser, and regularly carries out comprehensive therapy and treatment to improve aged skin. In skin cancer treatment, early diagnosis is the factor of greatest importance—not unlike other cancers. Gangnam Severance’s Department of Dermatology has a dermatology surgery specializing in examination and cures for skin cancer and precancerous lesions, providing comprehensive care, from examination through treatment.

To healthy beauty in a healthy manner, verified methods and safe operations are of supreme importance. Gangnam Severance is bringing about the best results based on a wealth of expertise and tireless research.
Gangnam Severance Hospital is spearheading the improvement of medical care in the Gangnam area (Seoul’s sub-river region), regarded as the forefront of Korea’s medical world. The hospital transcends domestic boundaries to compete with renowned Asian and global hospitals in the excellence of its medical staff and cutting-edge medical techniques.

In respect of Gangnam Severance’s renowned competitive edge, however, the guiding principle is our respect for humankind. Yonsei University Health System, which established Gangnam Severance, practices the mission, “With the love of God, free humankind from disease and suffering”, via active volunteer medical service on foreign soil.

### Overseas Medical Volunteer Work
A Philanthropic Warmth
Sharing Advanced Medical Techniques

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### With the Love of God, Free Humankind from Disease & Suffering

<table>
<thead>
<tr>
<th>Year</th>
<th>Nation / Region</th>
<th>Scope of Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000 ~ 2007</td>
<td>China : Yanji, Hunchun regions</td>
<td>Provided free medical care for the poor in orphanages and senior centers on 8 occasions</td>
</tr>
<tr>
<td>2008</td>
<td>Cambodia : Siem Reap</td>
<td>Provided free medical care for low-income patients in the Siem Reap neighborhood</td>
</tr>
<tr>
<td>2009</td>
<td>Indonesia : Jakarta, Vietnam : Hanoi, Kenya : Core</td>
<td>Carry out medical treatment and relief activities for the poor families</td>
</tr>
<tr>
<td>2010</td>
<td>Kenya : Core Region</td>
<td>The first ‘Love Well’ established by Gangnam Severance Hospital</td>
</tr>
<tr>
<td>2010</td>
<td>Kenya : Core Region</td>
<td>Provided medical service and relief activities for the medically disadvantaged and under-served regions</td>
</tr>
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</table>
Geographical Strength
Located in the Gangnam district of Seoul, a city of cutting-edge culture

The Gangnam area of Seoul, home to Gangnam Severance Hospital, is considered to be the heart of culture, art, fashion and economic activity. This is the place to feel the dynamic pulse of today’s global city: Seoul.

Gangnam Severance Hospital has an on-site travel agency that provides sightseeing information for not just the Seoul metropolitan area but the entire country, including the surrounding Gangnam area.

The Gangnam district’s most popular destinations

- Garosu St. in the Sinsa area
- Rodeo St. in the Apgujeong area
- Dosan Park
- Bong-eun Temple
- COEX, Convention & Exhibition
- City Air Terminal
- Luxury shopping at Cheongdam area
- Tehran Boulevard
- LG Art Center
- Yangjae Creek
- Gangnam Severance Hospital
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Address: 211 Eonju-ro (146-92 Dogok-dong) Gangnam-gu, Seoul
Website: http://gs.iseverance.com
International Health Care Center
Tel: + 82-2-2019-3600[Eng] / 3690[Rus]
Fax: + 82-2-2019-4833
E-mail: jaylee@yuhs.ac, heart@yuhs.ac