

# Severance Hospital



Severance Hospital is the first pioneer of modern medical science in Korea with the establishment of Kwang Hye Won in 1885 by Dr. Horace N. Allen, a missionary doctor. Since then it has been serving the national health for the last 130 years as the leading organization among the medical institutions in this country.

In pursuit of quality improvement of medical services through the specialization of medical examinations and treatments, for the first time in Korea, Severance Hospital is managing the Cancer Center, Rehabilitation Hospital, Cardiovascular Hospital, EYE & ENT Hospital, Children Hospital, Emergency Care Center, International Health Care Center and Specialized Clinic.

Severance Hospital affiliated with Yonsei University College of Medicine has been the leading proponent of medical service in Korea for the last century. The hospital continuously strives to secure international competitive power through a concentrated devotion to raising the level of medical examination and treatment, to lead the advancement of medical techniques through constant education and research, and to make a practice of love for human beings through providing advanced medical services and realization of patient satisfaction.

## **Department of Orthopedic Surgery**

The Orthopaedic Course of Severance medical college was first made in 1917. The Department of Orthopaedic Surgery was originated by Yongsul Lee who had studied in USA (Hospital for Ruptured & Crippled, New York) and returned to Korea in 1926 to teach Orthopaedic Surgery and practiced relevant Orthopaedic examination and treatment services. He was the first orthopaedic specialist in Korea. Later in 1953, an independent department of orthopedic surgery was opened first in Korea as Byungki Moon assumed the first chairperson of orthopedic surgery and our department has hence taken a leading role in the development of orthopedic surgery in Korea.

### **Severance arthroscopic surgery specialty**

Arthroscopic surgery of Severance Orthopaedics was started in 1984 by professor Sung-jae Kim and advanced with his academic developments. Because there were no courses or facilities for arthroscopic education in Korea at that time, in 1988, professor Sung-jae Kim went abroad to study arthroscopy in Canada & USA and returned to Korea in 1990. After coming back in 1990, he started to intensively focus on arthroscopic surgery. Initially, knee joint arthroscopic surgery was performed and then shoulder, elbow, wrist and hip arthroscopic procedures were added in sequence.

In 1992, the arthroscopic course was started with the launching of the Severance Arthroscopy Society. Severance Arthroscopy Society held conferences periodically for academic discussions. From 2001, Severance Arthroscopy Society has been holding fresh cadaver workshops for the knee & shoulder joint annually which has been helping many orthopaedic specialists learn about arthroscopy for nearly two decades. Since 1992, arthroscopic surgery specialty of the orthopaedic department in Severance hospital has presented many cases and journals very actively in various international congresses including AAOS(American Academy of Orthopaedic Surgeons).

In 2008, professor Sung-Jae Kim successfully held the first Asia Arthroscopy Congress (AAC), where many experts and participants were able to share their knowledge and experiences. From then on, the 2nd was hosted in China, the 3rd in India, the 4th in Korea, the 5th in Indonesia, and the 6th AAC will be held in Beijing, China in October 2019 by professor Ao Yingfang.

Professor emeritus Sung-Jae Kim is current course supervisor of Severance Arthroscopy Society and Professor Chong-Hyuk Choi is charge of Knee surgery in Severance hospital and director of Department of Orthopaedic Surgery and Arthroscopy and Joint Research Institute in Yonsei University College of Medicine and Severance hospital. Professor Yong-Min Chun is charge of shoulder and elbow surgery in Severance hospital and Professor Sung-Hwan Kim in charge of arthroscopic knee surgery in Kang-nam Severance hospital.



## Yonsei Sarang Hospital



Yonsei Sarang Hospital is specialized hospital in joints and bones and we are located in the heart of Seoul, South Korea. Our patient care team includes 19 highly experienced, board-certified orthopedic surgeons and provides a full comprehensive range of services for orthopedic injuries and conditions.

Founded in 2003, now the hospital treats more than 400 outpatients per day. Surgeons perform about 11,000 surgeries every year. Also, our hospital performs total knee replacement surgeries using the 3D printed patient conforming cutting guides made by the individual measurement of each patient's anatomy. The total replacement with 3D printed cutting guides demonstrates superior patient outcomes, including better function and greater patient satisfaction, compared to traditional, off-the-shelf implants.

Our team of physicians, researchers, and staff constantly work on over stem cell research projects, having one goal in mind: to help patients enjoy a greater range of motion and increased mobility without resorting to surgery. From the opening of the Clinical Trial Center in 2008 to the beginning of 2019, 20 research studies were published in SCI Journals.

Dr. Prof. Sung-Jae Kim who is the supervisor of Severance Arthroscopy Society, is our honorary director and Dr. Yong-Gon Koh, the director of Yonsei Sarang Hospital, is the mentor of observation course. Under Dr. Prof. Sunga-Jae Kim's guidance, foreign doctors annually visit Yonsei Sarang Hospital to learn higher technique of arthroscopy surgery. The separate office including computer is

prepared in the new building of Yonsei Sarang Hospital for international doctors' convenience.

**Foreign doctor's observation course:**

● **Program purpose**

Purpose of the training

- Provides comprehensive care for bone and joint diseases
- To train minimal invasive and cutting-edged operations, especially arthroscopy.

● **Program Overview**

- Provides comprehensive care for diseases of the joints and bones.
- The Division emphasizes a team approach, enlisting the cooperation of other departments in providing a multidisciplinary approach to patient care.