



SHANGHAI NINTH PEOPLE'S HOSPITAL SHANGHAI JIAO TONG UNIVERSITY SCHOOL OF MEDICINE

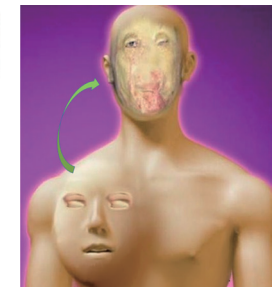
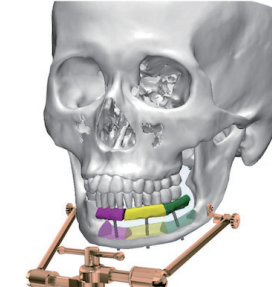
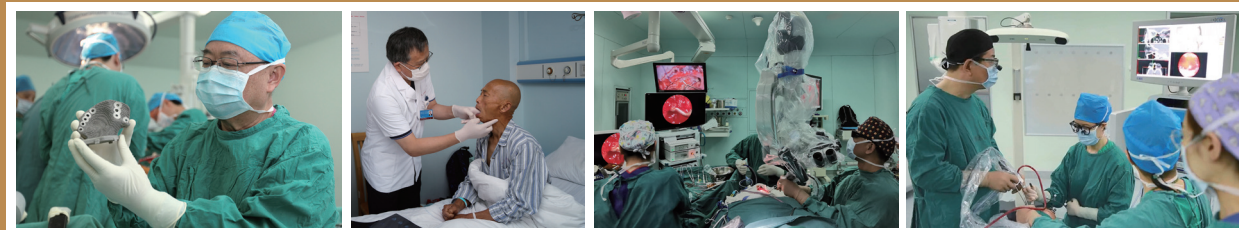
Overview

The Shanghai Ninth People's Hospital (SNPH), affiliated with the Shanghai Jiao Tong University School of Medicine, was established in 1920. One of the first grade A general hospitals in China, the SNPH is widely recognized for its distinctive specialties and innovative competitiveness in clinical medicine.

Occupying a total land area of 82,667 m² and built-up area of 242,000 m² in three campuses — the South Campus in Huangpu, the North Campus in Baoshan and the East Campus in Pudong — the SNPH has 2,150 beds, 1,000 dental chairs, 52 clinical departments, 10 medical laboratories and more than 5,000 employees, including 132 MD or PhD supervisors and 180 MSc supervisors, who are responsible for 3 postdoctoral training centers, 26 doctoral programs and 31 master programs. In 2019, there were 4.58 million emergency outpatient visits, 170,000 outpatient and 100,000 inpatient surgical operations, and 130,000 hospitalizations with an average length of stay of 5.8 days at the SNPH.

Clinical Research

The SNPH has four members of the prestigious Chinese Academy of Engineering: Zhang Disheng, plastic surgeon; Qiu Weiliu, oral and maxillofacial surgeon; Dai Kerong, orthopedic surgeon; and Zhang Zhiyuan, oral/maxillofacial tumor and head/neck tumor expert. The SNPH ranked 9th in the 2019 Chinese Hospital Science and Technology Evaluation Metrics, with plastic and reconstructive surgery, stomatology, otolaryngology, and ophthalmology occupying the top 10 in the specialty list. Stomatology, orthopedics, oculoplastic and ocular tumor surgery, and auricular base surgery are also preminent in China. Moreover, Department of Plastic and Reconstructive Surgery is one of the largest reconstructive surgical centers in the world.



Key Achievements

Tissue Regeneration and Bone

A multi-disciplinary orthopedic team of physicians and engineers, led by Prof. Dai Kerong, made breakthroughs in orthopedic implants with shape memory and personalized implants by 3D printing that have been widely used in orthopedic surgeries.

Prof. Cao Yilin team achieved great advances in tissue regeneration technologies in bone, cartilage, tendon, and skin, with some technologies already in clinical practice.

After more than 20 years of research, Prof. Zhang Chenping team revolutionized the jaw functional reconstruction, a previously unsolved problem, with a "four segment" strategy. By creating the "integrated" implant distraction technology and a digital surgical platform, they further solidified their top global status in the jaw reconstruction.

Visual and Auditory Functions

By elucidating mechanisms of auditory damage by acoustic neuroma, Prof. Wu Hao greatly advanced the audiological science. His team also established the technique and strategy for hearing reconstruction and intraoperative hearing preservation, improving the auditory functions of acoustic neuroma patients after surgery.

A pioneer of the precision orbital surgery, Prof. Fan Xianqun and his team developed biodegradable materials and created an orbital reconstruction system, significantly im-

proving the safety and efficacy of orbital surgery. The team also characterized mechanisms of eye tumorigenesis, and improved survival rate and eye salvage rate of ocular tumor patients.

Maxillofacial Surgery and Facial Reconstruction

Prof. Li Qingfeng team put forward the concept of "tissue prefabrication", and effectively treated complex facial deformities, by implementing a comprehensive strategy of flap prefabrication, stem cell-assisted skin regeneration, and facial organ prelamination.

Breaking many "forbidden zones", Prof. Zhang Zhiyuan team was the first in the world to successfully apply a multi-pronged approach, including minimum invasive surgery, CAD/CAM, traction osteogenesis, carotid artery reconstruction and laryngeal reconstruction in oral and maxillofacial tumor operation, improving the operation success rate and patient survival. In addition, Prof. Zhang is the leading international expert in treating arteriovenous malformations by using double interventional embolization combined with surgery.

Mission and Vision

Learning knowledge diligently and pursuing excellence relentlessly with an open mind, the SNPH is growing ever stronger. All SNPH employees strive to provide the best service to patients and make concerted efforts to develop SNPH into a comprehensive research hospital with distinctive specialties and global impact.

CONTACT INFORMATION

Address: 639 Zhizaoju Road, Huangpu District, Shanghai, China

Tel: 86-21-23271699

Email: hos9th@163.com

Website: www.9hospital.com.cn