

Department of General Thoracic Surgery (Seoul National University Hospital)

1. Introduction

The SNUH division of thoracic surgery is a leading group of general thoracic surgery in Korea, clinically and scientifically. We provides complete services within the speciality of general thoracic surgery, including thoracic surgical oncology, lung transplantation, minimally invasive surgery such as VATS and robotic surgery. Thoracic surgical oncology is the main theme of the division. We perform about 500 cases of lung cancer and 100 cases of esophageal cancer every year. Cumulative number of lung cancer surgery is approaching to 4000 cases. Minimally invasive thoracic surgery is widely applied in SNUH since 1994 . VATS is applied to 60 to 70% of lung cancer surgery and we have experience of more than 1000 cases of VATS lobectomy. Robotic surgery program initiated at 2007 and is applied to esophageal cancer surgery, mediastinal masses and other thoracic disease. The research program in the division of general thoracic surgery emphasizes advance of minimally invasive surgery, surgical management of early lung cancer, molecular biology of lung cancer and lung transplantation. We provide several education programs such as the Surgical skill workshop for thoracic and cardiovascular surgery resident in Korea, annual SNUH update in thoracic and cardiovascular surgery symposium, and VATS training program. All our faculties are trainer of Asia Thoracoscopic Surgery Education Program. The SNUH division of general thoracic surgery can provide the best opportunity for the education of advanced surgical technique and advances in thoracic surgical oncology by high number of cases, active research activities and well structured program.

2. Visiting Fellowship Program

2-1. Short-term visiting fellowship program

VATS for lung cancer surgery program

Overview

learn and discuss about the most recent advances in strategy and techniques in minimally invasive lung cancer surgery

Contents

Basic of VATS surgery: Set-up, instrument, incisions, basic and advanced skills

VATS lobectomy and segmentectomy in lung cancer

Mediastinal lymph node dissection in VATS

Decision for the extent of pulmonary resection in early lung cancer

Multidisciplinary approach of Lung cancer center in SNUH Cancer Hospital

Curriculum : 2 week

Team round: Discuss about treatment plan and postoperative care, 8am, weekday

Operation: Observation of 10-20 lung cancer surgery,

Participation as an assistant in 1-2 VATS lobectomy. 9am to 5pm, weekday

Conference: Lung cancer conference, 5pm, Tuesday

X-ray conference, 7am, Friday

Multidisciplinary case discussion, 1pm, weekday

Research meeting, 7pm, Wednesday, every other week

Feedback meeting: Presentation about what trainee learned and feedback from the faculty.

*Duration and schedule of program will be individualized after discussion with visiting fellow.

2-2. Long-term visiting fellowship program

Duration: 6months to 12months

Basic curriculum will be similar with short term program.

Long-term visiting fellow will participate daily clinical and research work as like regular clinical fellows of the division.

Visiting fellow can experience all field of general thoracic surgery including esophageal cancer surgery, lung transplantation, pediatric thoracic surgery, etc.

Visiting fellow is encourage to perform research work under the supervision of faculty.

Duration and schedule of program will be individualized after discussion with visiting fellow.

3. Faculty Member

Name	Position	E-mail
Young Tae Kim, MD, PhD	Professor, Chief of department of Thoracic and Cardiovascular Surgery	ytkim@snu.ac.kr
Chang Hyun Kang, MD, PhD	Associate professor	chkang@snu.ac.kr
In Kyu Park, MD, PhD	Associate professor	ikpark@snu.ac.kr