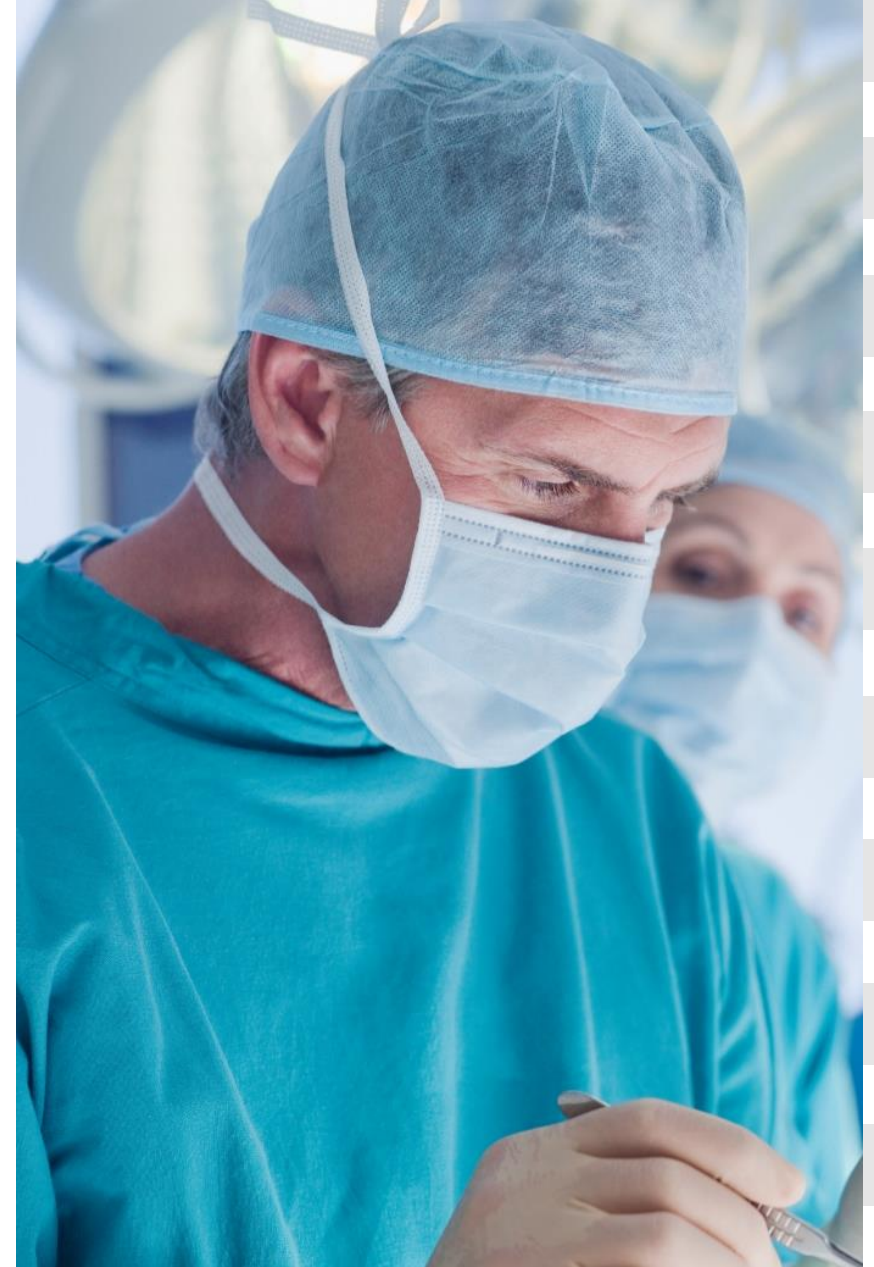


# Ethicon Stupnik VATS Simulator program



## VATS Core Skills module: Low fidelity lung



- Develop bimanual dexterity, efficiency, depth perception and tissue and instrument handling skills in VATS procedures.
- Develop Bronchovascular dissection and transection capabilities.
- Develop competence with ETHICON devices and enhance effective use.

## Anatomical VATS lung module

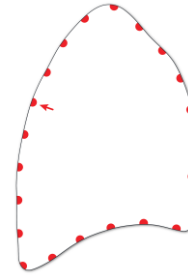


- Develop procedural knowledge and competence for:
  - VATS Lobectomy
  - VATS Segmentectomy
  - VATS Sleeve Lobectomy
- Develop and enhance knowledge of anatomy.
- Practice surgical tips and tricks shared by colleagues and experts.

# Ethicon VATS Simulator – core skills exercises

## 1. Grasping and retraction

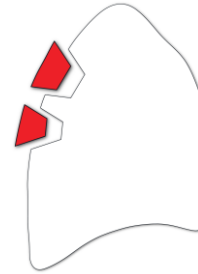
use of both hands



working spot

## 2. Ultrasonic energy

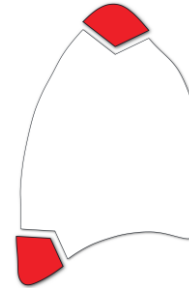
alignment of cut line & instrument



port selection

## 3. Wedge resection using endoscopic stapler

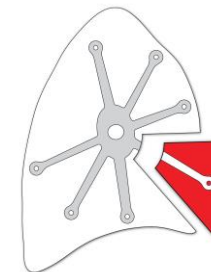
port selection



articulation

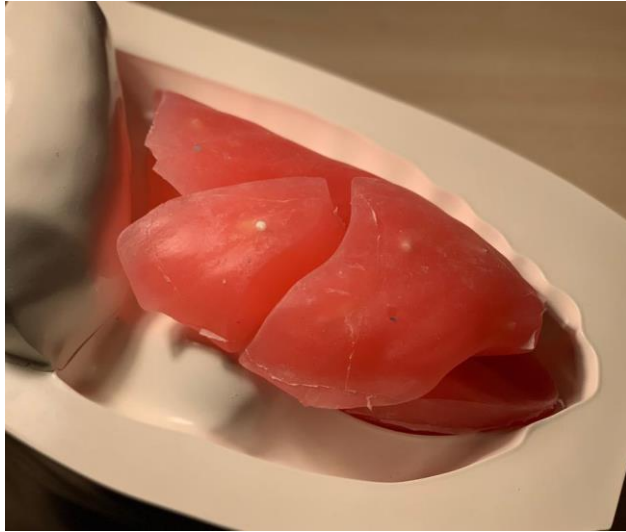
## 4. Middle lobectomy

vascular stapler  
articulation & rotation



bi-manual  
instrumentation

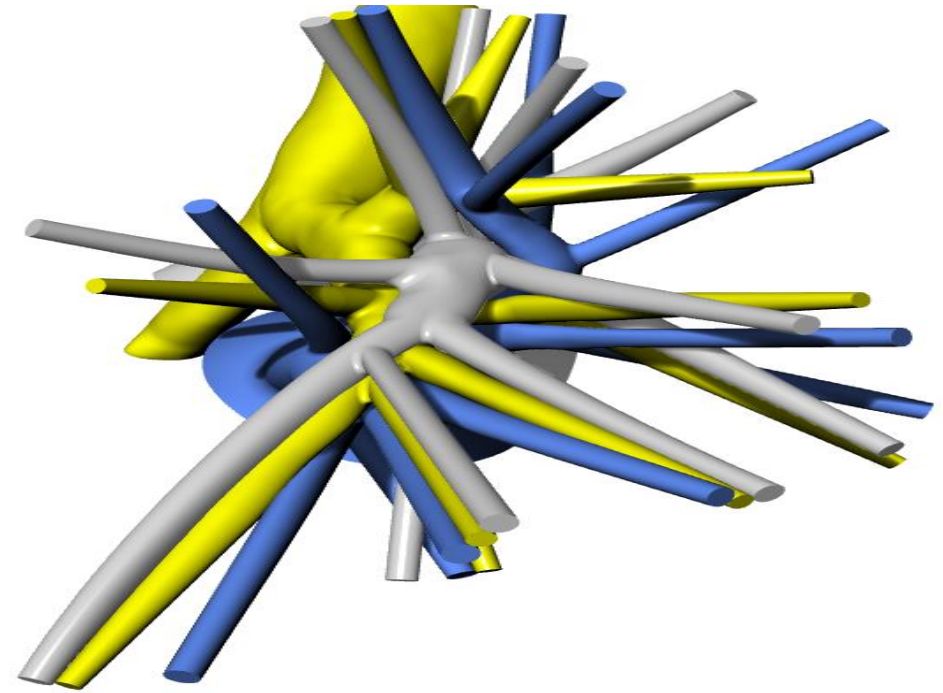
# Anatomical VATS Lobectomy module



# Anatomical Lung Model

Solid: pulmonary artery  
pulmonary vein  
solid bronchi

- VATS Lobectomy
- Segmentectomy  
(Right upper lobe anterior S3 by  
UVATS)
- VATS Sleeve Lobectomy





Thank you!

Reimagining how we heal™