

2024 대한심장혈관흉부외과학회 제56차 추계학술대회

2024. 10. 31 (Thu) - 11. 01 (Fri) 여수 엑스포 컨벤션센터

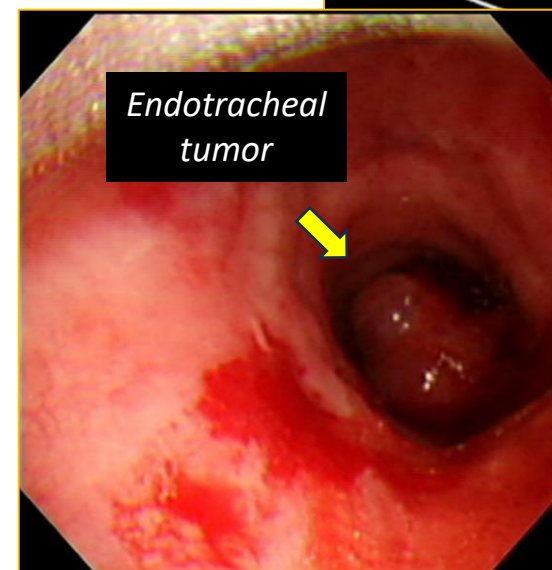


Robotic-assisted Tracheal Resection and Repair for Glomangiomyoma Under ECMO support

공지사항

- 소속기관이나 저자명이 드러나지 않도록 해주세요.
- 제목 슬라이드 포함 최대 6장, Font size 20 이상
- PPT 파일 작성 후 PDF로 전환해서 접수(필수)

- Brief History
- 72y/Male
- Chief complaint : Fever
- Diagnosed with protruding endotracheal mass from posterial wall of trachea at another hospital during evaluation for pneumonia
- Admitted pulmonology at AMC for biopsy and endotracheal stent insertion
- Past medical history : PCI (6YA) on Plavix, DM, HTN
- Glomangiomyoma of the Trachea



Robotic-assisted Tracheal resection

For Glomangiomyoma
Under ECMO Support

The Department of Thoracic and Cardiovascular Surgery
Asan Medical Center
University of Ulsan College of Medicine
Yong-Hee Kim, MD, PhD

POD #0, #4 bronchoscopy

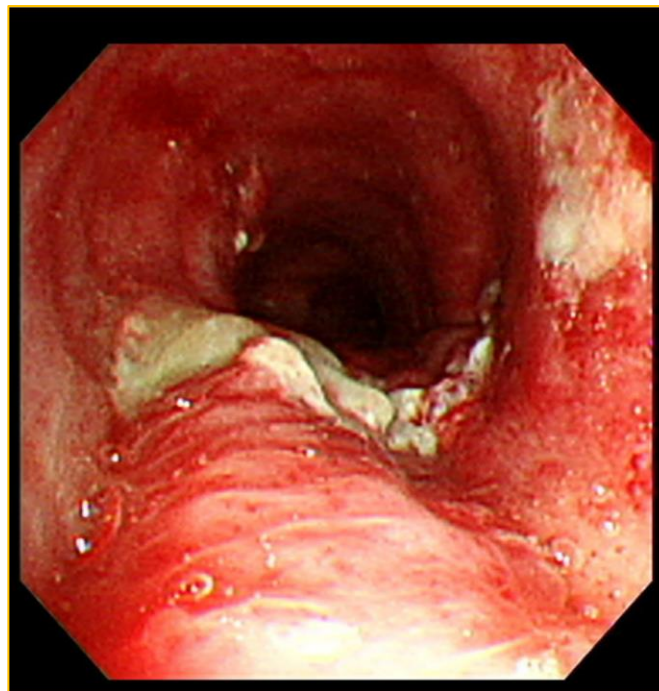
POD #6 Chest tube remove

POD #7 Discharge

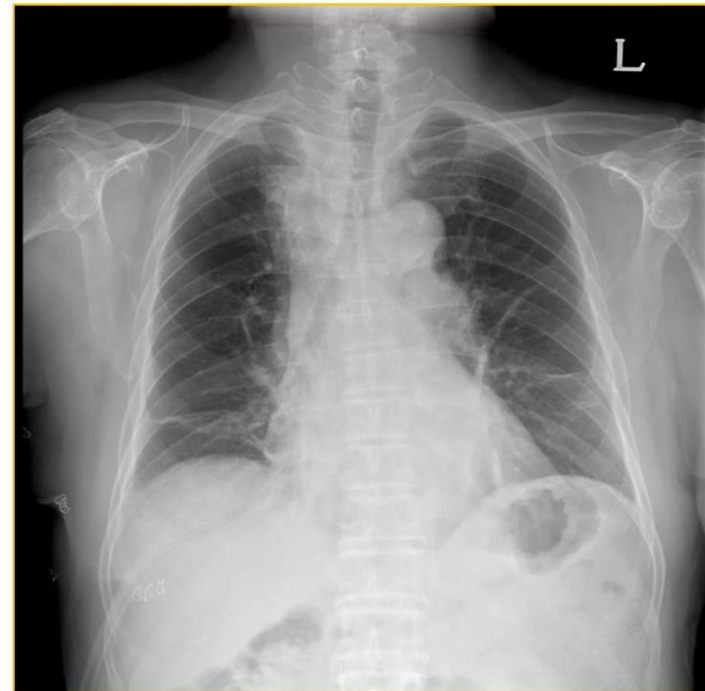
POD#0



POD#4



POD#6



- Robotic Tracheal Surgery
- Through our experience with robotic tracheal resection under ECMO using barbed suture for tracheal primary repair, we successfully applied the benefits of minimally invasive surgery to tracheal procedures.
 - Less pain → Favorable postoperative course
 - Magnifying surgical field → nerve protection,
 - Instrument tips which rotate and angulate in multiple different directions → needle manipulation
- The most critical considerations in robotic tracheal surgery are securing a clear field of view during the operation and performing adequate tracheal release prior to resection