



Elective Rotation Interventional Pulmonary Medicine

Medical Residents:

Duration: 2-4 weeks

Goals:

(1) Procedures (2 days a week)

- a. Residents will perform the following procedures under the direct supervision of an Interventional Pulmonologist:
 - Chest Ultrasound
 - Ultrasound guided thoracentesis with pleural manometry
 - Insertion of Pleural Catheters
 - o Chest Tubes (>20 Fr)
 - o Pig Tails (14 Fr)
 - o Pneumothorax Catheter (8Fr)
- b. Residents will observe all Interventional Pulmonary procedures in the OR

(2) Multidisciplinary Thoracic Oncology Clinic (1 day a week)

- a. Evaluation of patients with thoracic malignancies in a multidisciplinary fashion
- b. Diagnosis and staging of SCLC and NSCLC using advanced diagnostic techniques such as NBI, EBUS(radial/linear), ENB, CT guided bronchoscopy
- c. Evaluation and treatment of patients with malignant airway obstruction and massive hemoptysis

(3) Complex Airway Clinic (1/2 day a week)

- a. Evaluation of patients with:
 - i. Post-intubation and post-tracheotomy complications.
 - ii. Airway manifestations of systemic disease (Wegener's granulomatosis, relapsing polychondritis, sarcoidosis, fibrozing mediastinitis, etc)
 - iii. Chronic airway prosthesis (airway stents, Montgomery t-tubes, tracheotomy tubes)
 - iv. Tracheomalacia

(4) Pleural Disease Service / Clinic: (1 day a week)

- a. Evaluation and treatment of patients with:
 - i. Recurrent and symptomatic pleural effusions using US guided thoracentesis, medical thoracoscopy with pleural biopsy, pleurodesis and pleur-x catheters.
 - ii. Complicated pleural effusions / empyema
 - iii. Primary, secondary and iatrogenic pneumothoraces.

(5) Bronchial Thermoplasty Program

- a. Evaluation of patients with severe persistent asthma referred for bronchial thermoplasty
 - Pre and post procedure follow up

(6) Emphysema Clinic (1/2 day a week)

- a. Evaluation of patients with severe emphysema referred for endoscopic lung volume reduction, or transtracheal oxygen catheter (TTO), lung volume reduction surgery, bullectomy or lung transplantation.

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