



Convex Probe-EBUS Training for Senior Pulmonary and Critical Care Fellows

Senior Pulmonary Fellow (3rd /4th year):

Duration: 12 weeks

Goals:

The purpose of this rotation is to give the fellow a thorough understanding of the theory, simulation and practice of CP-EBUS bronchoscopy and transbronchial needle aspiration. At the completion of 12 weeks, the participant should have completed 50 cases of EBUS-TBNA and be considered apt to perform independently. Successful participants will receive a certificate of completion.

(1) Didactic

- a. Fellows will participate in formal didactic sessions regarding anatomy of the mediastinum and current lung cancer guidelines including TNM classification and 2013 ACCP lung cancer guidelines.
- b. A multiple-choice exam including mediastinal anatomy, bronchoscopic anatomy and interpretation of CT of the chest will be used to determine specific needs to be addressed.

(2) Simulation

- a. Fellows will actively participate of simulation sessions in the Carl J. Shapiro Skills and Simulations Lab at BIDMC for 5-10 cases depending on individual skill and results of structured evaluation by the simulation software.

(3) Clinical (1.5 days/week multidisciplinary thoracic oncology clinic)

- a. Fellows will participate in the multidisciplinary thoracic oncology clinic at BIDMC in the evaluation of patients with thoracic malignancies.
- b. Fellows will attend the multidisciplinary thoracic oncology conference every week.

(4) Center of Excellence Course

- a. Fellows will participate in a course sponsored by Boston Scientific where detailed sessions on linear and radial ultrasound for diagnosis and staging of lung cancer. The course is an intensive 1-day experience that includes didactic, simulation and live transmission sessions.

(5) Patient Evaluation

- a. The fellow will actively participate as a member of the IP team in the evaluation of patients in the inpatient and outpatient setting with suspected lung cancer and mediastinal adenopathy.

(6) Procedures (2 days a week)

- a. Fellows will perform the following procedures in the operating room under the direct supervision of an Interventional Pulmonologist:
 - Flexible bronchoscopy
 - o BAL
 - o Brushings
 - o Transbronchial lung biopsies
 - o EBUS TBNA (approximately 4 procedures per week)

(7) Evaluation

- a. At the end of the rotation fellows will be evaluated using a validated a MCQ and the virtual simulator.

Contact:

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Note: Availability will be on a first come first serve basis. We will start to make next academic year's schedule on March 2017.