

EBUS-STAT 10 Point Assessment Tool

Learner: _____
 Faculty _____

Year of Training _____
 Date _____

Educational Item* Items 1-10 each scored separately	Satisfactory Yes/No
1. Able to maneuver the scope through upper airway into trachea, without trauma or difficulty (5 points for single item tested) <input type="checkbox"/> Mouth and Vocal cords <input type="checkbox"/> ET Tube <input type="checkbox"/> Laryngeal mask airway	Yes / No Score ____/5
2. Able to maneuver scope using white light bronchoscopy within tracheobronchial tree without trauma (4 points, no partial points) <input type="checkbox"/> Scope centered in airway lumen avoiding airway wall trauma	Yes / No Score ____/4
3. Ultrasound image obtained without artifacts (5 points, no partial points) <input type="checkbox"/> Absence of artifacts on image, any target	Yes / No Score ____/5
4. Identify major mediastinal vascular structures (4 points per item) <input type="checkbox"/> Aorta <input type="checkbox"/> Pulmonary artery <input type="checkbox"/> Superior vena cava <input type="checkbox"/> Azygos vein <input type="checkbox"/> Left atrium	Yes / No Score ____/20
5. Identify lymph node station (Select 3 targets, 5 points each) <input type="checkbox"/> 2R <input type="checkbox"/> 2L <input type="checkbox"/> 4R <input type="checkbox"/> 10R <input type="checkbox"/> 7 <input type="checkbox"/> 4L <input type="checkbox"/> 10L <input type="checkbox"/> 11L <input type="checkbox"/> 11Rs <input type="checkbox"/> 11Ri	Yes / No Score ____/15
6. Able to operate EBUS processor (2 points each item) <input type="checkbox"/> Gain <input type="checkbox"/> Depth <input type="checkbox"/> Doppler	Yes / No Score ____/6
7. Performance of EBUS-TBNA (1 point each, target 15 points) <input type="checkbox"/> Advance needle through working channel (neutral position) <input type="checkbox"/> Secure needle housing by sliding the flange <input type="checkbox"/> Release sheath screw <input type="checkbox"/> Advance and lock sheath when it touches wall <input type="checkbox"/> Release needle screw <input type="checkbox"/> Advance needle using jab technique <input type="checkbox"/> Visualize needle entering target node <input type="checkbox"/> Move stylet in and out a few times <input type="checkbox"/> Remove stylet <input type="checkbox"/> Attach syringe <input type="checkbox"/> Apply suction <input type="checkbox"/> Pass needle in and out of node 10-15 times <input type="checkbox"/> Release suction <input type="checkbox"/> Retract needle into sheath <input type="checkbox"/> Unlock and remove needle and sheath	Yes / No Score ____/15
8. Image analysis: CT scans (1 point each, target 10 points) <input type="checkbox"/> Image 1 <input type="checkbox"/> Image 2 <input type="checkbox"/> Image 3 <input type="checkbox"/> Image 4 <input type="checkbox"/> Image 5 <input type="checkbox"/> Image 6 <input type="checkbox"/> Image 7 <input type="checkbox"/> Image 8 <input type="checkbox"/> Image 9 <input type="checkbox"/> Image 10	Yes / No Score ____/10
9. Image analysis: EBUS views (1 point each, target 10 points) <input type="checkbox"/> Image 1 <input type="checkbox"/> Image 2 <input type="checkbox"/> Image 3 <input type="checkbox"/> Image 4 <input type="checkbox"/> Image 5 <input type="checkbox"/> Image 6 <input type="checkbox"/> Image 7 <input type="checkbox"/> Image 8 <input type="checkbox"/> Image 9 <input type="checkbox"/> Image 10	Yes / No Score ____/10
10. Decision-making tasks: (2 points each, target 10 points) <input type="checkbox"/> Image 1 <input type="checkbox"/> Image 2 <input type="checkbox"/> Image 3 <input type="checkbox"/> Image 4 <input type="checkbox"/> Image 5	Yes / No Score ____/10

* The combined use of the 10 items tests competencies needed to climb the learning curve from novice to advanced beginner to intermediate to competent bronchoscopist able to independently perform EBUS-TBNA.

FINAL GRADE **PASS** **FAIL** **SCORE** _____/100