**Demographics**

**Age: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Sex** Male Female

**PGY level: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Number of years out of Training \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** □ NA

**Please Check the Appropriate Box**

□ Pulmonary/ Critical Care Fellow

□ Pulmonary/ CC Attending

**Hand Dominance:** Left Right

**Number of Bronchoscopies (within last 2 years)**

0-40 40-60 60-80 80-100 120-140 >150

1. Which procedures did you last learn during your practice or residency/ fellowship (i.e. thoracentesis, EBUS, chest tube insertion, intubation)?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How satisfied were you with your training for your procedure (from question 1)?

Excellent Very Good Good Fair Poor

⃝ ⃝ ⃝ ⃝ ⃝

1. How did you learn your last new procedure?

**Check all that apply**

□ Formal didactic lectures □ Simulation □ Videos

□ Peer or colleague demonstrating □ Dedicated Course □ Industry Course

□Course national meeting □ Faculty supervision □ Handouts/ Print material

□ Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. From Question 3, which was the most valuable to you?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How important is the quality of **lectures/didactics** in learning a new procedure to you?

Critical Very Important Fairly Not Important

⃝ ⃝ ⃝ ⃝ ⃝

1. What is the ideal amount of time (in minutes) for a high quality lecture?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Minutes

1. Who do you most prefer give you a lecture for didactics for a new procedure?

□ Familiar faculty □Industry Representatives

□ Peer or colleague □ No Preference

□ Academic Expert □ Other\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How important are hand-outs or articles for learning a new procedure?

Critical Very Important Fairly Not Important

⃝ ⃝ ⃝ ⃝ ⃝

1. What is the ideal environment for you to start learning a new procedure?

□ National Meeting Course □Industry sponsored course

□ Colleague live demonstration □ Local simulation lab

□ Visiting academic center □ Animal or cadaver lab

□ 1-2 day CME course □ Other\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How important is the quality of **Hands-on in learning** a new procedure to you?

Critical Very Important Fairly Not Important

⃝ ⃝ ⃝ ⃝ ⃝

1. How important is using a **cadaver or animal** for Hands-on learning in a new procedure to you?

Critical Very Important Fairly Not Important

⃝ ⃝ ⃝ ⃝ ⃝

1. How important is using a **high fidelity simulator (**i**.e. computers, manikins)** for Hands-on learning in a new procedure to you?

Critical Very Important Fairly Not Important

⃝ ⃝ ⃝ ⃝ ⃝

1. How important is using a **low fidelity simulator (i.e. plastic model)** for Hands-on learning in a new procedure to you?

Critical Very Important Fairly Not Important

⃝ ⃝ ⃝ ⃝ ⃝

1. What is the ideal amount of time (total) for a hands-on practice for a new procedure?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Minutes

1. How do you feel procedural competency is evaluated at your institution?

**Check all that may apply**

□ Procedural Number □Formal competency testing

□ Faculty Evaluation □ Other\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the biggest barrier in learning a new procedure for you?

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1. Which of the following class course structures do you prefer for learning a new procedure?

□Traditional Classroom

□ Problem Based Classroom

□ Flipped Classroom

Why?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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