

**Pulmonary/Critical Care Bronchoscopy CEX**

**Guidelines for implementing the Mini-CEX (clinical evaluation exercise)**

The mini CEX focuses on the core skills necessary to perform bronchoscopy. It can be easily implemented by attending physicians as a routine evaluation of pulmonary and critical care fellows in any setting.

Descriptors of Competencies demonstrated during the CEX:

- 1 - Counseling Skills: Explains rationale for procedure, obtains patient consent, educates and counsels.
- 2 - Procedure Preparation: Has reviewed H&P, pertinent radiographs, labs. Understands which procedures are planned and why.
- 3 - Technical Skills: Able to anesthetize and pass through upper airway, directs bronchoscope readily to desired area without excessive wall contact, demonstrates ability to perform BAL, TBBx, TBNA, endobronchial bx.
- 4 - Medical Knowledge: Understands pharmacology of medications used, demonstrates knowledge of airway anatomy, recognizes normal and abnormal findings, performs appropriate maneuver, correctly handles and processes specimens.
- 5 - Humanistic Qualities/Professionalism: Shows respect, compassion, empathy, establishes trust; attends to patients needs of comfort, modesty, confidentiality, information.
- 6 - Organization/Efficiency: Prioritizes, performs procedure in timely manner.
- 7 - Overall Clinical Competence: Demonstrates judgement, proficiency, synthesis, caring, efficiency.

**RATING SCALE**

A nine point rating scale is used: 4=Marginal, Below 4=unsatisfactory

Evaluator:				Date:			
Fellow:				F1	F2	F3	
Pt Problem/Dx				Age	M	F	
Complexity	Low	Moderate	High	Inpatient	Outpt		
Procedures performed	Inspection	BAL	TBNA	TBBX	Endobronch bx		
1 - Counseling Skills:							
1	2	3	4	5	6	7	8
2 - Procedure Preparation:							
1	2	3	4	5	6	7	8
3 - Technical Skills:							
1	2	3	4	5	6	7	8
4 - Medical Knowledge:							
1	2	3	4	5	6	7	8
5 - Humanistic Qualities/Professionalism:							
1	2	3	4	5	6	7	8
6 - Organization/Efficiency:							
1	2	3	4	5	6	7	8
7 - Overall Clinical Competence:							
1	2	3	4	5	6	7	8

Comments: \_\_\_\_\_

Evaluator Signature: \_\_\_\_\_ Fellow Signature: \_\_\_\_\_

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