

# AQuIRE Diagnostic Bronchoscopy Registry- Abbreviated Form

**Patient Name:** \_\_\_\_\_ **Procedure Times:** Induction: \_\_\_\_\_ Scope Insertion: \_\_\_\_\_ Scope Removal: \_\_\_\_\_  
**MRN:** \_\_\_\_\_ **AQuIRE ID:** \_\_\_\_\_ Patient Removed from Procedure Room: \_\_\_\_\_

**Demographic Information:** Patient race: \_\_\_\_\_ Sex: M / F Age: \_\_\_\_\_

**Site of Service:** Physician office/ Inpatient Hospital / Outpatient Hospital/ ER/ Ambulatory Surgical Center/ Other: (Specify: \_\_\_\_\_)

**Pre-procedure Information:** Date of Procedure: \_\_\_/\_\_\_/\_\_\_ Date first interventional procedure \_\_\_/\_\_\_/\_\_\_ **Timing:** Emergent/ Urgent /Elective case  
**Fellows participation:** 0% / < 50% / >50% **First assistant:** RN/ RT/Tech/Other: \_\_\_\_\_ **Zubrod Score (SEE KEY):** \_\_\_\_\_ **ASA:** \_\_\_\_\_ (Emergent: N / Y)  
**Smoking Hx:** Past/ Current/ Never **Tobacco use in pack-years:** \_\_\_\_\_ **Platelets** \_\_\_\_\_ **INR** \_\_\_\_\_ **Co-morbidities:** \_\_\_\_\_ ----if Renal failure- Hemodialysis: N / Y  
**Medications:** Inhaled steroids / Inhaled beta agonist / Inhaled anticholinergics / Clopidogrel (taken within 96 hours of procedure) **Med use that increases bleeding:** N/Y

**Indication for procedure (choose one):**  
 **SPN: Size:** \_\_\_ cm **Anatomical site (SEE KEY):** \_\_\_\_\_ **Location:** Inner 2/3 of lung / Outer 1/3 **Indicate the following:** Air bronchogram through lesion/ visible airway to lesion/ ground glass opacity/ None  
 **Mass: Size:** \_\_\_ cm **Anatomical site (SEE KEY):** \_\_\_\_\_ **Location:** Inner 2/3 of lung / Outer 1/3  
**Indicate the following:** Air bronchogram through lesion/ visible airway to lesion/ atelectasis beyond lesion/ involves hilum / involves mediastinal structures / involves vascular structures/ endobronchial lesion/ None  
 **Multiple peripheral nodules/ masses:** Number of nodules/masses: \_\_\_\_\_  
**Smallest nodule:** Size \_\_\_ mm **Anatomical site:** \_\_\_\_\_ **Location:** Inner 2/3 / Outer 1/3 **Largest nodule:** Size \_\_\_ mm **Anatomical site:** \_\_\_\_\_ **Location:** Inner 2/3 of lung/ Outer 1/3  
 **Infiltrate: Location:** Inner 2/3 of lung / Outer 1/3 / Left/ Right/ Bilateral **Indicate the following:** Air bronchogram through lesion/ visible airway to lesion/ ground glass opacity/ None/ Other (specify) \_\_\_\_\_  
**Infiltrate localized:** N / Y ----- **If yes: size:** < 3 cm / ≥ 3 cm **anatomical site:** \_\_\_\_\_  
 **Mediastinal LN**  **Hilar LN**  **Transplant Evaluation**  **Prior Procedure (specify type of procedure):** \_\_\_\_\_  **Other (specify):** \_\_\_\_\_

**Procedure Performed**  
 **BAL:** Volume in/out: \_\_\_\_\_ mL in/ \_\_\_\_\_ mL out **Anatomical site:** \_\_\_\_\_ **Dx Made:** No / Yes: (specify: \_\_\_\_\_) (SEE KEY)  
 **Wash:** Saline instilled: < 20 mL / > 20 mL **Dx Made:** No / Yes: (specify: \_\_\_\_\_) (SEE KEY)  
 **Other procedure:** \_\_\_\_\_ (Dx Made: No / Yes: (specify: \_\_\_\_\_) (SEE KEY) **Autofluorescence:** N / Y **Narrow band imaging:** N / Y

**Transbronchial Biopsy**

	Anatomical site	# of specimen acquired	Techniques utilized to localize SPN/mass/infiltrate: Single plane fluoro/ Bi plane fluoro/ CT fluoro/ EM guidance / peripheral EBUS/ Blind / Other: (Specify)	Dx made: No / Yes (Specify): (SEE KEY)
Site 1				
Site 2				
Site 3				

**Cytology Brushing**

	Anatomical site (SEE KEY)	Specimen processed by:	Techniques utilized to localize the SPN/mass/infiltrate: Single plane fluoro/ Bi plane fluoro/ CT fluoro/ EM guidance / peripheral EBUS/ Blind / Other: (Specify)	Dx made: No / Yes (Specify): (SEE KEY)
Site 1		Direct smear / Cytologically preserved		
Site 2		Direct smear / Cytologically preserved		
Site 3		Direct smear / Cytologically preserved		

**Endobronchial Forceps Biopsy**

	Anatomical Location (SEE KEY)	Dx made: No / Yes (Specify): (SEE KEY)
Site 1		
Site 2		
Site 3		

**TBNA**

	Anatomical location w/ one given guidance (SEE KEY)	# of pass	Guidance: Blind/ Convex EBUS/ Radial EBUS/ electromag/ Single plane Fluoro/ Biplane Fluoro/ Other: ___	Size of LN or mass on EBUS (mm)	On-site cyto	Size of LN or mass on CT (mm)	From PET scan, is LN metabolically active: Yes / No / PET not performed	Needle gauge:	Diagnosis Made: (SEE KEY)
Site 1					Y / N		Yes / No / PET not performed	19/ 20/ 21 /22	<b>Dx made:</b> N/Y, Specify: _____ <b>Target was a LN:</b> N/Y <b>Lymphocytes present:</b> N/Y
Site 2					Y / N		Yes / No / PET not performed	19/ 20/ 21 /22	<b>Dx made:</b> N/Y, Specify: _____ <b>Target was a LN:</b> N/Y <b>Lymphocytes present:</b> N/Y
Site 3					Y / N		Yes / No / PET not performed	19/ 20/ 21 /22	<b>Dx made:</b> N/Y, Specify: _____ <b>Target was a LN:</b> N/Y <b>Lymphocytes present:</b> N/Y
Site 4					Y / N		Yes / No / PET not performed	19/ 20/ 21 /22	<b>Dx made:</b> N/Y, Specify: _____ <b>Target was a LN:</b> N/Y <b>Lymphocytes present:</b> N/Y
Site 5					Y / N		Yes / No / PET not performed	19/ 20/ 21 /22	<b>Dx made:</b> N/Y, Specify: _____ <b>Target was a LN:</b> N/Y <b>Lymphocytes present:</b> N/Y
Site 6					Y / N		Yes / No / PET not performed	19/ 20/ 21 /22	<b>Dx made:</b> N/Y, Specify: _____ <b>Target was a LN:</b> N/Y <b>Lymphocytes present:</b> N/Y
Site 7					Y / N		Yes / No / PET not performed	19/ 20/ 21 /22	<b>Dx made:</b> N/Y, Specify: _____ <b>Target was a LN:</b> N/Y <b>Lymphocytes present:</b> N/Y
Site 8					Y / N		Yes / No / PET not performed	19/ 20/ 21 /22	<b>Dx made:</b> N/Y, Specify: _____ <b>Target was a LN:</b> N/Y <b>Lymphocytes present:</b> N/Y
Site 9					Y / N		Yes / No / PET not performed	19/ 20/ 21 /22	<b>Dx made:</b> N/Y, Specify: _____ <b>Target was a LN:</b> N/Y <b>Lymphocytes present:</b> N/Y
Site 10					Y / N		Yes / No / PET not performed	19/ 20/ 21 /22	<b>Dx made:</b> N/Y, Specify: _____ <b>Target was a LN:</b> N/Y <b>Lymphocytes present:</b> N/Y

**Procedure: Fluoro time:** \_\_\_ sec  
**Anesthesia:** Local / Moderate / Deep / General **Who administered sedation:** Attending/ Anesthesiologist/ Bronchoscopist/ Nurse/ CRNA/ Fellow/ Other: (sepecify: \_\_\_\_\_)  
**Ventilation:** N/Y ---- **If yes, circle type:** (volume cycled pressure controlled, pressure support/ high frequency jet ventilation / low frequency jet ventilation)  
**Bronchoscope:** Flexible / Rigid / Both **Approach:** Nasal / Oral / ETT / LMA / Tracheotomy tube

**Complications within 24 hours:**  None (Skip this section)  
 **Bleeding**  **Airway injury**  **Refractory hypoxia**  **Respiratory failure**  **Unexpected hypotension**  **Arrhythmia** (type: Afib /Aflutter/ V-Tach /V-Fib /Other (specify) \_\_\_\_\_)  
 **Pneumothorax** (Intervention: Aspiration / Chest tube / Observation **Location patient admitted:** Not admitted/ Floor/ Step-down unit / ICU)  **Cardiac arrest**  
**Adverse events:** None/ Extended Hospitalization/ Intervention to prevent impairment or damage/ Life-threatening condition/ Disability/ Death **Complication:** Stabilized/ Reversed / Not resolved  
**Unexpected increase in level of care:** N / Y (**Reason for increase:** Complication/ Add'l procedure required/ Other (specify) \_\_\_\_\_)  
**Level of care pre-procedure:** Outpatient/ Floor/ Step-down unit/ ICU/ ER **Level of care post-procedure:** Outpatient/ Floor/ Step-down unit/ ICU/ ER

**Diagnosis Not Made:**  
**If no diagnosis made, clinically relevant material obtained?** N / Y  
**Final diagnosis,** not as a result of this bronchoscopic procedure: \_\_\_\_\_ (SEE KEY) (**Procedure used to obtain diagnosis:** \_\_\_\_\_)

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**AQuIRE Diagnostic Registry Answer Key**

<b>Zubrod Score Key</b>	
0	<ul style="list-style-type: none"> <li>▪ Normal activity, asymptomatic.</li> <li>▪ Patient is fully active and able to carry on all activities without restriction.</li> </ul>
1	<ul style="list-style-type: none"> <li>▪ Symptoms present but patient is fully ambulatory.</li> <li>▪ Patient is restricted in physically strenuous activity but ambulatory and able to carry out work of a light or sedentary nature, such as light housework, office work.</li> </ul>
2	<ul style="list-style-type: none"> <li>▪ Symptoms present, but patient in bed less than 50% of the time.</li> <li>▪ Patient is ambulatory and capable of all self care but unable to carry out any work activities, and is up and about more than 50% of waking hours.</li> </ul>
3	<ul style="list-style-type: none"> <li>▪ Symptoms present, but patient is in bed &gt;50% and &lt;100% of the time.</li> <li>▪ Patient is capable of only limited self-care and is confined to bed or chair 50% or more of waking hours.</li> </ul>
4	<ul style="list-style-type: none"> <li>▪ Bedridden.</li> <li>▪ Patient is completely disabled, cannot carry out any self-care, or totally confined to bed or chair.</li> </ul>
5	<ul style="list-style-type: none"> <li>▪ Moribund.</li> <li>▪ Patient is dead.</li> </ul>

<b>Lung Anatomical Sites Key</b>	
RUL; Apical segment/ B1	LUL: Segment not specified
RUL; Posterior segment/ B2	Lingula; Superior segment / B5
RUL; Anterior segment / B3	Lingula; Inferior segment
RUL; Segment not specified	LLL; Superior segment / B6
RML; Lateral segment/ B4	LLL; Anteromedial basal segment
RML; Medial segment / B5	LLL; Lateral basal segment / B9
RML; Segment not specified	LLL; Posterior basal segment/ B10
RLL; Superior segment / B6	LLL: Segment not specified
RLL; Medial basal segment / B7	Trachea
RLL; Anterior basal segment/ B8	Carina
RLL; Lateral basal segment / B9	Right main stem
RLL; Posterior basal segment / B10	Bronchus intermedius
RLL; Segment not specified	Left main stem
LUL; Apical posterior segment / B1& 2	Lobar
LUL; Anterior segment/ B3	

<b>Nodal Anatomical Sites Key</b>	
1; High mediastinal	10L; Hilar lymph nodes
2R; Upper paratracheal	11R; Interlobar
2L; Upper paratracheal	11L; Interlobar
3; Prevascular or prevertebral	12L; Lobar
4R; Lower paratracheal	
4L; Lower paratracheal	
5; AP window nodes lateral to ligamentum arterosum	

<b>Diagnosis Key</b>	
Non small cell lung cancer- squamous	Transplant rejection (grade 1)
Non small cell lung cancer - adenocarcinoma	Transplant rejection (grade 2)
Non small cell lung cancer- nonspecified (Undifferentiated)	Transplant rejection (grade 3)
Small cell lung cancer	Transplant rejection (grade 4)
Metastatic to the lung originating from a solid tumor	Infection TB
Metastatic to the lung from a hematological origin	Infection MAI
Carcinoid tumor of the lung	Infection other mycobacteria
Other lung primary	Infection cryptococcal pneumonia
Sarcoidosis	Infection fungal aspergillus
ILD- Usual Interstitial Pneumonia (UIP)	Infection fungal histoplasmosis
ILD- Nonspecific Interstitial Pneumonia (NSIP)	Infection fungal other
ILD- Desquamative Interstitial Pneumonia (DIP)	Infection bacterial
ILD- Hypersensitivity Pneumonitis (HSP)	Infection viral CMV
Bronchiolitis Obliterans Organizing Pneumonia (BOOP)	Infection viral Other
ILD- Other	Other diagnosis ( <i>specify</i> )