



TENNESSEE DEPARTMENT OF HEALTH
HEALTHCARE-ASSOCIATED INFECTIONS AND ANTIMICROBIAL RESISTANCE PROGRAM
HAI Surveillance Definitions



LOWER RESPIRATORY INFECTION, OTHER THAN PNEUMONIA (LRI)

**BRON – Bronchitis, Tracheobronchitis, Bronchiolitis, Tracheitis,
Without Evidence of Pneumonia**

DEFINITION: Tracheobronchial infections must meet at least **ONE** ☐ of the following criteria:

☐ Criterion 1: (Last updated January 1, 2013)

- Patient has **BOTH** ☐ of the following:
 - ☐ no clinical evidence of pneumonia
 - ☐ no imaging test evidence of pneumonia
- AND**
- Patient has at least **TWO** ☐ of the following signs or symptoms: (* with no other recognized cause)
 - ☐ fever ($>38^{\circ}\text{C}$)
 - ☐ cough*
 - ☐ sputum production characterized by **ONE** ☐ of the following:
 - ☐ new sputum production*
 - ☐ increased sputum production*
 - ☐ rhonchi*
 - ☐ wheezing*
- AND**
- Patient has at least **ONE** ☐ of the following:
 - ☐ positive culture obtained by **ONE** ☐ of the following:
 - ☐ deep tracheal aspirate
 - ☐ bronchoscopy
 - ☐ positive laboratory test on respiratory secretions

☐ Criterion 2: (Last updated January 1, 2013)

- Patient ≤ 1 year of age that has **BOTH** ☐ of the following:
 - ☐ no clinical evidence of pneumonia
 - ☐ no imaging test evidence of pneumonia
- AND**
- Patient has at least **TWO** ☐ of the following signs or symptoms: (* With no other recognized cause)
 - ☐ fever ($>38^{\circ}\text{C}$ core)



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- △ cough*
- △ **ONE** □ of the following:
 - new sputum production*
 - increased sputum production*
- △ rhonchi*
- △ wheezing*
- △ respiratory distress*
- △ apnea*
- △ bradycardia*

AND

- Patient has at least **ONE** △ of the following:
 - △ organisms cultured from material obtained by **ONE** □ of the following:
 - deep tracheal aspirate
 - bronchoscopy
 - △ positive laboratory test on respiratory secretions
 - △ Choose **ONE** □ of the following:
 - diagnostic single antibody titer (IgM) for pathogen
 - 4-fold increase in paired sera (IgG) for pathogen

REPORTING INSTRUCTIONS: (Last updated September 2011)

- Do not report chronic bronchitis in a patient with chronic lung disease as an infection unless there is evidence of an acute secondary infection, manifested by change in organism.

LUNG – Other Infection of the Lower Respiratory Tract

DEFINITION: Other infections of the lower respiratory tract must meet at least **ONE** □ of the following criteria:

□ Criterion 1: (Last updated January 1, 2011)

- Patient has **ONE** △ of the following:
 - △ organisms seen on smear from **ONE** □ of the following:
 - lung tissue
 - fluid (including pleural fluid)
 - △ organisms cultured from **ONE** □ of the following:
 - lung tissue
 - fluid (including pleural fluid)



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□ Criterion 2: *(Last updated January 1, 2013)*

○ Patient has **ONE** **△** of the following:

△ lung abscess seen during **ONE** of the following:

- ☐ invasive procedure
- ☐ histopathologic examination

△ empyema seen during **ONE** of the following:

- ☐ invasive procedure
- ☐ histopathologic examination

□ Criterion 3: *(Last updated June, 2008)*

○ Patient has an abscess cavity seen on radiographic examination of lung.

REPORTING INSTRUCTIONS: *(Last updated January 1, 2013)*

- Report concurrent lower respiratory tract infection and pneumonia with the same organism(s) as PNEU.
- Report lung abscess or empyema without pneumonia as LUNG