

ED OBSERVATION UNIT: PNEUMONIA PROTOCOL

NYC H+H KINGS COUNTY HOSPITAL CENTER

General Observation Guidelines apply for all ED observation patients.

INCLUSION CRITERIA	EXCLUSION CRITERIA
<ul style="list-style-type: none">• History and Physical Exam consistent with Pneumonia• Chest imaging (CXR, CT Chest, US reviewed by US trained attending) consistent with acute pneumonia• PSI score of II or III or CURB-65 score of 2	<ul style="list-style-type: none">• High suspicion of TB• Known HIV/AIDS or Immunosuppression (chemotherapy, chronic corticosteroid, asplenic patients, etc.)• Complicating alternative diagnosis• Risk factors for poor outcome (hypoxemia, gross hemoptysis, cavitary infiltrate, immunocompromised, cystic fibrosis, TB, neuromuscular weakness)

INTERVENTIONS
<ul style="list-style-type: none">• O2 monitoring and supplemental O2 as needed• IV or PO Antibiotics (Macrolide and Beta-Lactam or Respiratory Fluoroquinolone)• IV or PO hydration• Smoking Cessation Counseling

Last updated 7/1/2019

Authored by Gururaj Shan

Revised by T. Ahmad MD, R. Balakrishnan MD, A. Cai, MD, and S. Brewster MD

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DISPOSITION	
Home: <ul style="list-style-type: none"> • Mental Status at baseline • Ambulatory or at baseline ADLs • Hypoxemia absent, Oxygen requirement at baseline • Tachypnea absent • Fever absent • Adequate oral intake • Able to obtain outpatient antibiotic therapy 	Admission: <ul style="list-style-type: none"> • Hypoxemia • Severe or Persistent AMS or Dehydration • Bacteremia • PSI Score II or III, CURB-65 score of 2 that is not improving with observation treatment • Failure to respond to antibiotic or adverse event due to medication • Worsening of comorbid conditions (e.g CHF) • Complicated pleural effusion

Sources

1. Mandell, Lionel A., et al. "Infectious Diseases Society of America/American Thoracic Society Consensus Guidelines on the Management of Community-Acquired Pneumonia in Adults." *Clinical Infectious Diseases*, vol. 44, no. Supplement_2, 2007, doi:10.1086/511159.
2. "Pneumonia: Observation Care." MCG Health Inpatient & Surgical Care, 11 Feb. 2019.
3. "Pneumonia RRG." MCG Health Inpatient & Surgical Care, 11 Feb. 2019.

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