

## 68 Community-Acquired Pneumonia, Aspiration Pneumonia, and Noninfectious Pulmonary Infiltrates

### REFERENCES

- Halm EA, Teirstein AS: Management of community acquired pneumonia. *N Engl J Med* 347: 2039, 2002.
- Clinical Classifications for Health Policy Research: Hospital Inpatient Statistics, 1996. Rockville, MD, Agency for Health Care Policy and Research. HCPR publication no. 99-0034; 1999.
- American Thoracic Society, Infectious Diseases Society of America: Guidelines for the management of adults with hospital-acquired, ventilator-associated, and health-care-associated pneumonia. *Am J Respir Crit Care Med* 171: 388, 2005.
- Kollef MH, Shorr A, Taback YP, et al: Epidemiology and outcomes of health-care-associated pneumonia; results from a large US database of culture-positive pneumonia. *Chest* 128: 3854, 2005.
- Fine MJ, Stone RA, Singer DE, et al: Processes and outcomes of care for patients with community-acquired pneumonia: results from the Pneumonia Patient Outcomes Research Team (PORT) cohort study. *Arch Intern Med* 159: 970, 1999.
- Metlay JP, Kapoor WN, Fine MJ: Does this patient have community-acquired pneumonia? Diagnosing pneumonia by history and physical examination. *JAMA* 278: 1440, 1997.
- Rosh AJ, Newman DH: Diagnosing pneumonia by medical history and physical examination. *Ann Emerg Med* 46: 465, 2005.
- Garau J: Treatment of drug-resistant pneumococcal pneumonia. *Lancet Infect Dis* 2: 404, 2002.
- Metlay JP: Update on community-acquired pneumonia: impact of antibiotic resistance on clinical outcomes. *Curr Opin Infect Dis* 15: 163, 2002.
- Kollef MH, Micek ST: Methicillin-resistant *Staphylococcus aureus*: a new community-acquired pathogen? *Curr Opin Infect Dis* 19: 161, 2006.
- Vastag B: CDC unveils SARS plan: emphasizes rapid identification, communication. *JAMA* 290: 2533, 2003.
- Schunemann HJ, Hill SR, Kakad M, et al: WHO Rapid Advice Guidelines for pharmacological management of sporadic human infection with avian influenza A (H5N1) virus. *Lancet Infect Dis* 7: 21, 2007.
- Harger JH, Ernest JM, Thurnau GR, et al: Risk factors and outcome of varicella-zoster virus pneumonia in pregnant women. *J Infect Dis* 185: 422, 2002.
- Emerman CL, Dawson N, Speroff T, et al: Comparison of physician judgment and decision aids for ordering chest radiographs for pneumonia in outpatients. *Ann Emerg Med* 20: 1215, 1991.
- Mandell LA, Wunderink RG, Anzueto A, et al: Infectious Diseases Society of America/American Thoracic Society consensus guidelines on the management of community-acquired pneumonia in adults. *Clin Infect Dis* 44: S27, 2007.
- Waterer GW, Wunderink RG: The influence of the severity of community-acquired pneumonia on the usefulness of blood cultures. *Respir Med* 95: 78, 2001.
- Theerthakarai R, El-Halees W, Ismail M, et al: Nonvalue of the initial microbiological studies in the management of nonsevere community-acquired pneumonia. *Chest* 119: 181, 2001.
- Meehan TP, Chua-Reyes JM, Tate J, et al: Process of care performance, patient characteristics, and outcomes in elderly patients hospitalized with community-acquired or nursing home-acquired pneumonia. *Chest* 117: 1378, 2000.
- Lim WS, Macfarlane JT: A prospective comparison of nursing home acquired pneumonia with community acquired pneumonia. *Eur Respir J* 18: 362, 2001.
- Mehr DR, Binder EF, Kruse RL, et al: Clinical findings associated with radiographic pneumonia in nursing home residents. *J Fam Pract* 50: 931, 2001.
- Lim WS, van der Eerden MM, Laing R, et al: Defining community acquired pneumonia severity on presentation to hospital: an international derivation and validation study. *Thorax* 58: 377, 2003.
- Afessa B, Green B: Bacterial pneumonia in hospitalized patients with HIV infection: the Pulmonary Complications, ICU Support, and Prognostic Factors of Hospitalized Patients with HIV (PIP) Study. *Chest* 117: 1017, 2000.
- Abrahamian FM, DeBlieux PM, Emerman CL, et al: Health care-associated pneumonia: identification and initial management in the ED. *Am J Emerg Med* 26: S1, 2008.
- Yu KT, Wyr PC: Evidence-based emergency medicine/critically appraised topic. Evidence behind the 4-hour rule for initiation of antibiotic therapy in community-acquired pneumonia. *Ann Emerg Med* 51: 651, 2008.
- Waterer GW, Kessler LA, Wunderink RG: Delayed administration of antibiotics and atypical presentation in community-acquired pneumonia. *Chest* 130: 11, 2006.
- Fine MJ, Auble TE, Yealy DM, et al: A prediction rule to identify low-risk patients with community-acquired pneumonia. *N Engl J Med* 336: 243, 1997.
- Marik PE: Aspiration pneumonitis and aspiration pneumonia. *N Engl J Med* 344: 665, 2001.
- Marrie TJ: Community-acquired pneumonia in the elderly. *Clin Infect Dis* 31: 1066, 2000.
- Mylotte JM: Nursing home-acquired pneumonia. *Clin Infect Dis* 35: 1205, 2002.
- Gleeson K, Eggl DF, Maxwell SL: Quantitative aspiration during sleep in normal subjects. *Chest* 111: 1266, 1997.
- Isbister, GK, Downes F, Sibbritt D, et al: Aspiration pneumonitis in an overdose population: frequency, predictors, and outcomes. *Crit Care Med* 32: 88, 2004.
- Daniels SK, Brailey K, Priestly DH, et al: Aspiration in patients with acute stroke. *Arch Phys Med Rehabil* 79: 14, 1998.
- Langmore SE, Skarupski KA, Park PS, Fries BE: Predictors of aspiration pneumonia in nursing home residents. *Dysphagia* 17: 298, 2002.
- Wada H, Nakojo K, Satoh-Nakagawa T, et al: Risk factors of aspiration pneumonia in Alzheimer's disease. *Gerontology* 47: 271, 2001.
- Taylor HM: Pneumonia frequencies with different enteral tube feeding access sites. *Am J Ment Retard* 107: 175, 2002.
- Vergis EN, Brennen C, Wagener M, Muder RR: Pneumonia in long-term care: a prospective case-control study of risk factors and impact on survival. *Arch Intern Med* 161: 2378, 2001.
- Dreyfuss D, Meir L, Marik PE: Aspiration pneumonia. *N Engl J Med* 344: 1868, 2001.
- Mier L, Dreyfuss D, Darchy B, et al: Is penicillin G an adequate initial treatment for aspiration pneumonia? A prospective evaluation using a protected specimen brush and quantitative cultures. *Intensive Care Med* 19: 279, 1993.
- Marik PE, Careau P: The role of anaerobes in patients with ventilator associated pneumonia and aspiration pneumonia: a prospective study. *Chest* 115: 178, 1999.
- Carratala J, Mykietiak A, Fernandez-Sabe N, et al: Health care-associated pneumonia requiring hospital admission. *Arch Intern Med* 167: 1393, 2007.
- Franquet T, Gimenez A, Roson N, et al: Aspiration diseases: findings, pitfalls, and differential diagnosis. *Radiographics* 20: 673, 2000.
- Thibodeau LG, Verdile VP, Bartfield JM: Incidence of aspiration after urgent intubation. *Am J Emerg Med* 15: 562, 1997.
- Green SM, Krauss B: Pulmonary aspiration risk during emergency department procedural sedation—an examination of the role of fasting and sedation depth. *Acad Emerg Med* 9: 35, 2002.
- Kadowaki M, Demura Y, Mizuno S, et al: Reappraisal of clindamycin IV monotherapy for treatment of mild-to-moderate aspiration pneumonia in elderly patients. *Chest* 127: 1276, 2005.
- Ott SR, Allewelt M, Lorenz J, et al: Moxifloxacin vs ampicillin/sulbactam in aspiration pneumonia and primary lung abscess. *Infection* 36: 23, 2008.
- Allewelt M, Schüller P, Bölskei PL, et al: Ampicillin + sulbactam vs. clindamycin ± cephalosporin for the treatment of aspiration pneumonia and primary lung abscess. *Clin Micro Infect* 10: 163, 2004.
- Talaie H, Raza Jabari H, Shadnia S, et al: Cefepime/clindamycin vs. ceftriaxone/clindamycin for the empiric treatment of poisoned patients with aspiration pneumonia. *Acta Biomed* 79: 117, 2008.
- Hutt E, Kramer AM: Evidence-based guidelines for management of nursing home-acquired pneumonia. *J Fam Pract* 51: 709, 2002.
- Shariatzadeh MR, Huang JQ, Marrie TJ: Difference in the features of aspiration pneumonia according to site of acquisition: community or continuing care facility. *J Am Geriatr Soc* 54: 296, 2006.
- Kane-Gill SL, Olsen KM, Rebeck JA, et al: Multicenter treatment and outcomes evaluation of aspiration syndromes in critically ill patients. *Ann Pharmacother* 41: 549, 2007.
- Rebeck JA, Rasmussen JR, Olson KM: Clinical aspiration-related practice patterns in the intensive care unit: a physician survey. *Crit Care Med* 29: 2239, 2001.
- Mylotte JM, Goodnough S, Naughton BJ: Pneumonia versus aspiration pneumonitis in nursing home residents: diagnosis and management. *J Am Geriatr Soc* 51: 17, 2003.
- Mylotte JM, Goodnough S, Gould M: Pneumonia versus aspiration pneumonitis in nursing home residents: prospective application of a clinical algorithm. *J Am Geriatr Soc* 53: 755, 2005.
- Lamblin C, Bergoin C, Saelens, T, Wallaert B: Interstitial lung diseases in collagen vascular diseases. *Eur Respir J* 32: S69, 2001.
- Mann B: Eosinophilic lung disease. *Clin Med Circul Respir Pulm Med* 2: 99, 2008.
- Raño A, Agustí C, Jimenez P, et al: Pulmonary infiltrates in non-HIV immunocompromised patients: a diagnostic approach using non-invasive and bronchoscopic procedures. *Thorax* 56: 379, 2001.
- Crawford SW: Noninfectious lung disease in the immunocompromised host. *Respiration* 66: 385, 1999.
- Elliot CG, Goldhaber SZ, Visani L, DeRosa MP: Chest radiographs in acute pulmonary embolism: results from the international cooperative pulmonary embolism registry. *Chest* 118: 33, 2000.

### USEFUL WEB RESOURCES

- Current information concerning SARS from the World Health Organization—[http://www.who.int/csr/don/archive/disease/severe\\_acute\\_respiratory\\_syndrome/en](http://www.who.int/csr/don/archive/disease/severe_acute_respiratory_syndrome/en)
- Infectious Diseases Society/American Thoracic Society Guidelines for the treatment of pneumonia—<http://www.thoracic.org/sections/publications/statements/index.html>
- Pneumonia severity calculator—<http://pda.ahrq.gov/clinic/psi/psicalc.asp>
- Pneumonia severity calculator for a hand-held computer—<http://pda.ahrq.gov/clinic/psi/psi.htm>
- American Thoracic Society, Infectious Diseases Society of America. Guidelines for the management of adults with hospital-acquired, ventilator-associated, and health-care-associated pneumonia—<http://www.thoracic.org/sections/publications/statements/pages/mtpi/guide1-29.html>