

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

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REFERENCES

- Halm EA, Teirstein AS: Management of community acquired pneumonia. *N Engl J Med* 347: 2039, 2002. [PMID: 12490686]
- 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 healthcare-associated pneumonia. *Am J Respir Crit Care Med* 171: 388, 2005. [PMID: 15699079]
- Kollef MH, Shorr A, Taback YP, et al: Epidemiology and outcomes of healthcare-associated pneumonia; results from a large US database of culture-positive pneumonia. *Chest* 128: 3854, 2005. [PMID: 16354854]
- 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. [PMID: 10326939]
- Metlay JP, Kapoor WN, Fine MJ: Does this patient have community-acquired pneumonia? Diagnosing pneumonia by history and physical examination. *JAMA* 278: 1440, 1997. [PMID: 9356004]
- Rosh AJ, Newman DH: Diagnosing pneumonia by medical history and physical examination. *Ann Emerg Med* 46: 465, 2005. [PMID: 16278969]
- Garau J: Treatment of drug-resistant pneumococcal pneumonia. *Lancet Infect Dis* 2: 404, 2002. [PMID: 12127352]
- Metlay JP: Update on community-acquired pneumonia: impact of antibiotic resistance on clinical outcomes. *Curr Opin Infect Dis* 15: 163, 2002. [PMID: 11964918]
- Kollef MH, Micek ST: Methicillin-resistant *Staphylococcus aureus*: a new community-acquired pathogen? *Curr Opin Infect Dis* 19: 161, 2006. [PMID: 16514341]
- Vastag B: CDC unveils SARS plan: emphasizes rapid identification, communication. *JAMA* 290: 2533, 2003. [PMID: 14625315]
- 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. [PMID: 17182341]
- 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. [PMID: 11865393]
- 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. [PMID: 1952308]
- 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. [PMID: 17278083]
- Waterer GW, Wunderink RG: The influence of the severity of community-acquired pneumonia on the usefulness of blood cultures. *Respir Med* 95: 78, 2001. [PMID: 11207022]
- Theerthakara 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. [PMID: 11157602]
- 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. [PMID: 10807825]
- Lim WS, Macfarlane JT: A prospective comparison of nursing home acquired pneumonia with community acquired pneumonia. *Eur Respir J* 18: 362, 2001. [PMID: 11529297]
- Mehr DR, Binder EF, Kruse RL, et al: Clinical findings associated with radiographic pneumonia in nursing home residents. *J Fam Pract* 50: 931, 2001. [PMID: 11711008]
- 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. [PMID: 12728155]
- 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. [PMID: 10767233]
- 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. [PMID: 18603170]
- Yu KT, Wyer 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. [PMID: 18272253]
- 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. [PMID: 8995086]
- Marik PE: Aspiration pneumonitis and aspiration pneumonia. *N Engl J Med* 344: 665, 2001. [PMID: 11228282]
- Gleeson K, Eggle DF, Maxwell SL: Quantitative aspiration during sleep in normal subjects. *Chest* 111: 1266, 1997. [PMID: 9149581]
- Isbister GK, Downes F, Sibbritt D, et al: Aspiration pneumonitis in an overdose population: frequency, predictors, and outcomes. *Crit Care Med* 32: 88, 2004. [PMID: 14707564]
- Prather AD, Smith TR, Poletto DM: Aspiration-related lung disease. *Thorac Imaging* 29: 304, 2014. [PMID: 24911122]
- DiBardino DM, Wunderink RG: Aspiration pneumonia: a review of modern trends. *J Crit Care* 30: 40, 2015. [PMID: 25129577]
- Onur OE, Onur E, Guneyel O, et al: Endoscopic gastrostomy, nasojunal and oral feeding comparison in aspiration pneumonia patients. *J Res Med Sci* 18: 1097, 2013. [PMID: 24523803]
- Scannapieco FA, Shay K: Oral health disparities in older adults. *Dent Clin N Am* 58: 771, 2014. [PMID: 25201541]
- Luk JK, Chan DK: Preventing aspiration pneumonia in older people: do we have the "know-how." *Hong Kong Med J* 20: 421, 2014. [PMID: 24993858]
- Pace CC, McCullough H: The association between oral microorganisms and aspiration pneumonia in the institutionalized elderly: review and recommendations. *Dysphagia* 25: 307, 2010. [PMID: 20824288]
- Lee A, Festic E, Park PK, et al: Characteristics and outcomes of patients hospitalized following pulmonary aspiration. *Chest* 146: 899, 2014. [PMID: 24811480]
- Driver BE, Klein LR, Schick AL, et al: The occurrence of aspiration pneumonia after emergency endotracheal intubation. *Am J Emerg Med* 36: 195, 2018. [PMID: 28760377]
- Brown CA, Bair AE, Pallin DJ, Walls RM, NEAR III Investigators: Techniques, success and adverse events of emergency department adult intubations. *Ann Emerg Med* 65: 363, 2015. [PMID: 25533140]
- Utterg JW, Bushra JS, Karras DJ, et al: Aspiration of gastric contents: association with prehospital intubation. *Am J Emerg Med* 23: 379, 2005. [PMID: 15915418]
- Marik PE: Pulmonary aspiration syndromes. *Curr Opin Pulm Med* 17: 148, 2011. [PMID: 21311332]
- Kupeli E, Khemasuwan D, Lee P: "Pills" in the air passages. *Chest* 144: 651, 2013. [PMID: 23918109]
- Franquet T, Miller NL, Gimenez A, et al: Spectrum of pulmonary aspergillosis: histologic, clinical, and radiologic findings. *Radiographics* 21: 825, 2001. [PMID: 11452056]
- Nemec SF, Eisenberg RL, Bankier AA: Noninfectious inflammatory lung disease: imaging considerations and clues to differential diagnosis. *AJR Am J Roentgenol* 201: 278, 2013. [PMID: 23883208]
- Silva CI, Churg A, Muller NL: Hypersensitivity pneumonitis: spectrum of high resolution and CT findings. *AJR Am J Roentgenol* 188: 334, 2007. [PMID: 17242239]
- De Prost N, Parrot A, Cuquemelle E, et al: Diffuse alveolar hemorrhage in immunocompetent patients: etiologies and prognosis revisited. *Respir Med* 106: 1021, 2012. [PMID: 22541718]
- Krause ML, Cartin-Ceba R, Specks U, et al: Update on diffuse alveolar hemorrhage and pulmonary vasculitis. *Immunol Allergy Clin N Am* 64: 3034, 2012. [PMID: 23102067]
- Wu JY, Lee SH, Shen CJ, et al: Use of serum procalcitonin to detect bacterial infection in patients with autoimmune diseases. A systematic review and metaanalysis. *Arthritis Rheum* 64: 3034, 2012. [PMID: 22605405]
- Hedlund J, Hansson LO: Procalcitonin and C-reactive protein levels in community-acquired pneumonia: correlation with etiology and prognosis. *Infection* 28: 68, 2000. [PMID: 10782390]
- Rabe C, Appenrodt B, Hoff C, et al: Severe respiratory failure due to diffuse alveolar hemorrhage: clinical characteristics and outcome of intensive care. *J Crit Care* 25: 230, 2010. [PMID: 19592204]
- McCabe C, Jones Q, Nikolopoulou A, et al: Pulmonary-renal syndromes: an update for respiratory physicians. *Respir Med* 105: 1413, 2011. [PMID: 21684732]