

## References

Alderson PO, Martin EC. Pulmonary embolism: diagnosis with multiple imaging modalities. *Radiology* 1987; 164:297–312.

Alderson PO. Scintigraphic evaluation of pulmonary embolism. *Eur J Nucl Med* 1987;13 Suppl.:S6–10.

Brenner DJ, Hall EJ. Computed tomography—an increasing source of radiation

Dalen JE. Pulmonary embolism: what have we learned since Virchow? Natural history, pathophysiology, and diagnosis. *Chest* 2002;122:1440–1456.

Drucker EA, Rivitz SM, Shepard JA, et al. Acute pulmonary embolism: assessment

Elliott CG, Goldhaber SZ, Visani L, DeRosa M. Chest radiographs in acute pulmonary embolism. Results from the International Cooperative Pulmonary Embolism Registry. *Chest* 2000;118:33–38.

exposure. *N Engl J Med* 2007;357:2277–2284.

Garg K, Sieler H, Welsh CH, Johnston RJ, Russ PD. Clinical validity of helical CT being interpreted as negative for pulmonary embolism: implications for patient treatment. *AJR Am J Roentgenol*. Jun 1999;172(6):1627-31. [[Medline](#)]. [[Full Text](#)].

Garg K, Welsh CH, Feyerabend AJ, et al. Pulmonary embolism: diagnosis with spiral CT and ventilation-perfusion scanning- correlation with pulmonary angiographic results or clinical outcome. *Radiology* 1998; 208:201–208.

Goldhaber SZ, Visani L, De Rosa M. Acute pulmonary embolism: clinical outcomes in the International Cooperative Pulmonary Embolism Registry (ICOPER). *Lancet* 1999;353:1386–1389.

Goodman LR, Curtin JJ, Mewissen MW, et al. Detection of pulmonary embolism in patients with unresolved clinical and scintigraphic diagnosis: helical CT versus angiography. *AJR Am J Roentgenol* 1995; 164:1369–1374.

Kakkar VV, Howe CT, Flanc C, Clarke MB. Natural history of postoperative deep-vein thrombosis. *Lancet* 1969;2:230–232

Kelly MA, Carson JL, Palevsky HI, Schwartz JS. Diagnosing pulmonary embolism: *Kyrle PA, Eichinger S. New diagnostic strategies for pulmonary embolism. Lancet. 2008;371:1312–1315*

Loud PA, Katz DS, Klippenstein DL, Shah RD, Grossman ZD. Combined CT venography and pulmonary angiography in suspected thromboembolic disease: diagnostic accuracy for deep venous evaluation. *AJR Am J Roentgenol*. Jan 2000;174(1):61-5. [[Medline](#)]. [[Full Text](#)].

Meaney JF, Weg JG, Chenevert TL, Stanford- Johnson D, Hamilton BH, Prince MR. Diagnosis of pulmonary embolism with magnetic resonance angiography. *N Engl J Med* 1997; 336:1422–1427.

Miller RF, O’Doherty MJ. Pulmonary nuclear medicine. *Eur J Nucl Med* 1992;19: 355–368.

Mills SR, Jackson DC, Older RA, Heaston DK, Moore AV. The incidence, etiologies, and avoidance of complications of pulmonary angiography in a large series. *Radiology* 1980; 136:295–299.

new facts and strategies. *Ann Intern Med* 1991; 114:300.

of helical CT for diagnosis. *Radiology* 1998; 209:235–241.

Oser RF, Zuckerman DA, Gutierrez FR, Brink JA. Anatomic distribution of pulmonary emboli at pulmonary angiography: implications for cross-sectional imaging. *Radiology*. Apr 1996;199(1):31-5. [[Medline](#)]. [[Full Text](#)].

Patel S, Kazerooni EA, Cascade PN. Pulmonary embolism: optimization of small pulmonary artery visualization at multi-detector row CT. *Radiology* 2003;227: 455–460.

Perrier A, Bounameaux H. Ultrasonography of leg veins in patients suspected of having pulmonary embolism. *Ann Intern Med* 1998;128:243–245.

Perrier A, Tamm C, Unger PF, Lerch R, Sztajzel J. Diagnostic accuracy of Doppler-echocardiography in unselected patients with suspected pulmonary embolism. *Int J Cardiol* 1998;65:101–109.

Rathbun SW, Raskob GE, Whitsett TL. Sensitivity and specificity of helical computed tomography in the diagnosis of pulmonary embolism: a systematic review. *Ann Intern Med* 2000;132:227–232.

*Reinartz P, Wildberger JE, Schaefer W, Nowak B, Mahnken AH, Buell U. Tomographic imaging in the diagnosis of pulmonary embolism: a comparison between V/Q lung scintigraphy in SPECT*

*technique and multislice spiral CT. J Nucl Med. 2004;45:1501–1508*

Remy-Jardin M, Pistolesi M, Goodman LR, et al. Management of suspected acute pulmonary embolism in the era of CT angiography: a statement from the Fleischner Society. *Radiology*. Nov 2007;245(2):315-29. [[Medline](#)]. [[Full Text](#)].

Roy PM, Meyer G, Vielle B, Le Gall C, Verschuren F, Carpentier F et al. Appropriateness of diagnostic management and outcomes of suspected pulmonary embolism. *Ann Intern Med* 2006;144:157–164.

Salah D, Qanadli, Mostafa El Hajjam, Benoit Mesurolle, Olivier Barre', Frederic Bruckert, Thierry Joseph, Francois Mignon, Antoine Vieillard-Baron, Olivier Dubourg, Pascal Lacombe(November 2000), *Pulmonary Embolism Detection: Prospective Evaluation of Dual-Section Helical CT versus Selective Pulmonary Arteriography in 157 Patients Radiology z Volume 217 z Number 2*

Schoepf UJ, Costello P. CT angiography for diagnosis of pulmonary embolism: state of the art. *Radiology*. Feb 2004;230(2):329-37. [[Medline](#)]. [[Full Text](#)].

Sevitt S, Gallaher N. Venous thrombosis and pulmonary embolism. A clinicopathological study in injured and burned patients. *Br J Surg* 1961;48:475–489.

Sherwood, L. (1997). The Respiratory System. In P. Lewis (Ed.), *Human physiology: From cells to systems* (3rd ed., pp. 417-467). Belmont, CA: Wadsworth Publishing.

Silverstein MD, Heit JA, Mohr DN, et al. Trends in the incidence of deep vein thrombosis and pulmonary embolism: a 25-year population-based study. *Arch Intern Med*. Mar 23 1998;158(6):585-93. [[Medline](#)]. [[Full Text](#)].

Soo Hoo GW, Wu CC, Vazirani S, Li Z, Barack BM. Does a Clinical Decision Rule Using D-Dimer Level Improve the Yield of Pulmonary CT Angiography?. *AJR Am J Roentgenol*. May 2011;196(5):1059-64. [[Medline](#)].

Stein PD, Athanasoulis C, Alavi A, et al. Complications and validity of pulmonary angiography in acute pulmonary embolism. *Circulation* 1992; 85:462–468.

Stein PD, Fowler SE, Goodman LR, et al. Multidetector computed tomography for acute pulmonary embolism. *N Engl J Med*. 2006;354:2317–2327.

Stein PD, Goldhaber SZ, Henry JW, Miller AC. Arterial blood gas analysis in the assessment of suspected acute pulmonary embolism. *Chest* 1996;109:78–81.

Stein PD, Woodard PK, Weg JG, et al. Diagnostic pathways in acute pulmonary embolism: recommendations of the PIOPED II Investigators. *Radiology*. Jan 2007;242(1):15-21. [[Medline](#)]. [[Full Text](#)].

Teigen CL, Maus TP, Sheedy PF, Johnson CM, Stanson AW, Welch TJ. Pulmonary embolism: diagnosis with electron-beam CT. *Radiology* 1993; 188:839–845.

Ten Wolde M, Hagen PJ, MacGillavry MR, Pollen IJ, Mairuhu AT, Koopman MM et al. Non-invasive diagnostic work-up of patients with clinically suspected pulmonary embolism: results of a management study. *J Thromb Haemost* 2004; 2:1110–1117.

Thibodeau, G., & Patton, K. (1999). In J. Thompson (Ed.), *Anatomy & Physiology* (4th ed., pp. 680-761). St. Louis: Mosby.

Torbicki A, Galie N, Covezzoli A, Rossi E, De Rosa M, Goldhaber SZ. Right heart thrombi in pulmonary embolism: results from the International Cooperative Pulmonary Embolism Registry. *J Am Coll Cardiol* 2003;41:2245–2251.

Tortora, G. (1989). The respiratory system. In E. Dollinger (Ed.), *Principals of human anatomy* (5th ed., pp. 616-643). New York: Harper & Row.

Tortora, G., & Grabowski, S. (2000). The Respiratory System. In W. Earl (Ed.), *Principals of anatomy and physiology* (9<sup>th</sup> ed., pp. 775-815). New York: John Wiley & Sons.

Trujillo NP, Pratt JP, Talusani S, Quaife RA, Kumpe D, Lear JL. DTPA aerosol in ventilation/perfusion scintigraphy for diagnosing pulmonary embolism. *J Nucl Med* 1997;38:1781–1783.

Wells PS, Ginsberg JS, Anderson DR, Kearon C, Gent M, Turpie AG et al. Use of a clinical model for safe management of patients with suspected pulmonary embolism. *Ann Intern Med* 1998;129:997–1005.

Wharton LR, Pierson JW. Minor forms of pulmonary embolism after abdominal operations. *JAMA*. 1922;79:1904-10.

**Edward Y. Lee, Supika Kritsaneepaiboon, Claudia Martinez Rios Arellano, Rachael F. Grace, David Zurakowski and Phillip M. Boiselle, Unsuspected Pulmonary Emboli in Pediatric Oncology Patients: Detection With MDCT,** doi: 10.2214/AJR.09.3463 *AJR May vol. 194 no. 5 1216-1222*

Han Jo Kim, , Sarah Walcott-Sapp, BA, Kristi Leggett, AA, Anne Bass, , Ronald S. Adler, , Helene Pavlov, , and Geoffrey H. Westrich, Detection of Pulmonary Embolism in the Postoperative Orthopedic Patient Using Spiral CT Scans *HSS J.* 2010 February; 6(1): 95–98. Published online 2009 September 23. Doi

**Yasuaki Hayashino, Masashi Goto, Yoshinori Noguchi, and Tsuguya Fukui, Ventilation-Perfusion Scanning and Helical CT in Suspected Pulmonary Embolism,** doi: 10.1148/radiol.2343031009 *March 2005 Radiology, 234, 740-748*

**Maria Luigia Storto, Angela Di Credico Francesca Guido Anna Rita Larici and Lorenzo Bonomo, Incidental Detection of Pulmonary Emboli on Routine MDCT of the Chest to assess the prevalence of pulmonary embolism incidentally detected on routine MDCT of the chest** *AJR January 2005 vol. 184 no. 1 264-267*

