

ERRATUM

Due to a technical error during the editing process, the entire bibliography accompanying the article Ferreira MA, Barreto SS, Knorst MM, da Silva MR, Pinotti AF. Semiquantitative echocardiographic evaluation of intrapulmonary vascular dilatations: correlation with evaluation of shunt levels and pulmonary function parameters, published in **J Bras Pneumol. 2009;35(2):106-13**, was that belonging to another, unrelated article.

The appropriate bibliography appears below:

1. Hervé P, Lebrech D, Brenot F, Simonneau G, Humbert M, Sitbon O, et al. Pulmonary vascular disorders in portal hypertension. *Eur Respir J.* 1998;11(5):1153-66.
2. Hervé P, Le Pavec J, Sztymf B, Decante B, Savale L, Sitbon O. Pulmonary vascular abnormalities in cirrhosis. *Best Pract Res Clin Gastroenterol.* 2007;21(1):141-59.
3. Abrams GA, Jaffe CC, Hoffer PB, Binder HJ, Fallon MB. Diagnostic utility of contrast echocardiography and lung perfusion scan in patients with hepatopulmonary syndrome. *Gastroenterology.* 1995;109(4):1283-8.
4. Agustí AG, Roca J, Rodríguez-Roisin R. Mechanisms of gas exchange impairment in patients with liver cirrhosis. *Clin Chest Med.* 1996;17(1):49-66.
5. Rodríguez-Roisin R, Agustí AG, Roca J. The hepatopulmonary syndrome: new name, old complexities. *Thorax.* 1992;47(11):897-902.
6. Lima B, Martinelli A, França AV. Síndrome hepatopulmonar: patogenia, diagnóstico e tratamento. *Arq Gastroenterol.* 2004;41(4):250-8.
7. Rodríguez-Roisin R, Krowka MJ, Hervé P, Fallon MB; ERS Task Force Pulmonary-Hepatic Vascular Disorders (PHD) Scientific Committee. Pulmonary-Hepatic vascular Disorders (PHD). *Eur Respir J.* 2004;24(5):861-80.
8. Abrams GA, Fallon MB. The hepatopulmonary syndrome. *Clin Liver Dis.* 1997;1(1):185-200, xiii.
9. Mimidis KP, Vassilakos PI, Mastorakou AN, Spiropoulos KV, Lambropoulou-Karatza CA, Thomopoulos KC, et al. Evaluation of contrast echocardiography and lung perfusion scan in detecting intrapulmonary vascular dilatation in normoxemic patients with early liver cirrhosis. *Hepatogastroenterology.* 1998;45(24):2303-7.
10. Palma DT, Fallon MB. The hepatopulmonary syndrome. *J Hepatol.* 2006;45(4):617-25.
11. Aller R, Moya JL, Moreira V, Boixeda D, Cano A, Picher J, et al. Diagnosis of hepatopulmonary syndrome with contrast transesophageal echocardiography: advantages over contrast transthoracic echocardiography. *Dig Dis Sci.* 1999;44(6):1243-8.
12. Hopkins WE, Waggoner AD, Barzilai B. Frequency and significance of intrapulmonary right-to-left shunting in end-stage hepatic disease. *Am J Cardiol.* 1992;70(4):516-9.
13. Crapo RO, Jensen RL, Hegewald M, Tashkin DP. Arterial blood gas reference values for sea level and an altitude of 1,400 meters. *Am J Respir Crit Care Med.* 1999;160(5 Pt 1):1525-31.
14. Lima BL, França AV, Pazin-Filho A, Araújo WM, Martinez JA, Maciel BC, et al. Frequency, clinical characteristics, and respiratory parameters of hepatopulmonary syndrome. *Mayo Clin Proc.* 2004;79(1):42-8.
15. Ruppel G. Manual of pulmonary function testing. St. Louis: Mosby; 1998.
16. Garcia E, Silvério AO, Brandão AB, Moreira JS. Função pulmonar na cirrose hepática. *J Pneumol.* 1997;23(5):225-30.
17. Castro M, Krowka MJ. Hepatopulmonary syndrome. A pulmonary vascular complication of liver disease. *Clin Chest Med.* 1996;17(1):35-48.
18. Garcia E, Silvério A, Cassal A, Brandão AB, Moreira JS. Síndrome hepatopulmonar: fisiopatogenia e opções terapêuticas. *GED.* 1998; 17(2):53-62.
19. Krowka MJ, Cortese DA. Severe hypoxemia associated with liver disease: Mayo Clinic experience and the experimental use of almitrine bismesylate. *Mayo Clin Proc.* 1987;62(3):164-73.
20. Krowka MJ. Hepatopulmonary syndrome versus portopulmonary hypertension: distinctions and dilemmas. *Hepatology.* 1997;25(5):1282-4.
21. Hasegawa T, Kamiyama M, Azuma T, Sasaki T, Okada A, Miwatani T, et al. Reversal of intrapulmonary arteriovenous shunting detected by two-dimensional contrast-enhanced echocardiography after liver transplantation. *Transplantation.* 2000;69(4):672-5.
22. Genovesi MG, Tierney DF, Taplin GV, Eisenberg H. An intravenous radionuclide method to evaluate hypoxemia caused by abnormal alveolar vessels. Limitation of conventional techniques. *Am Rev Respir Dis.* 1976;114(1):59-65.
23. Whyte MK, Hughes JM, Peters AM, Ussov W, Patel S, Burroughs AK. Analysis of intrapulmonary right to left shunt in the hepatopulmonary syndrome. *J Hepatol.* 1998;29(1):85-93.