



DAFTAR PUSTAKA

- Alonso-Gonzalez, R., Borgia, F., Diller, G.P., Inuzuka, R., Kempny, A., Martinez-Naharro, A., et al. 2013. Abnormal lung function in adults with congenital heart disease: Prevalence, relation to cardiac anatomy, and association with survival. *Circulation*, 127: 882–90.
- Andrade, F.S. da S.D. de, Teixeira, R. da C., Araújo, D.A., Barbosa, T.R., Sousa, F. de J.D. de, Cruz, R.V., et al. 2017. Lung function and functional capacity in school age children. *Fisioter Mov.*, 30: 77–84.
- Arodiwe, I., Chinawa, J., Ujunwa, F., Adiele, D., Ukoha, M., Obidike, E. 2015. Nutritional status of congenital heart disease (CHD) patients: Burden and determinant of malnutrition at university of Nigeria teaching hospital Ituku - Ozalla, Enugu. *Pak J Med Sci.*, 31: 1140–5.
- Barreiro, T., Perillo, I. 2004. An approach to interpreting spirometry. *Am Fam Physician*, 69: 1107–14.
- Beck, G.J., Doyle, C.A., Schachter, E.N. 1982. A longitudinal study of respiratory health in a rural community. *Am Review Respir Dis*, 125: 375–81.
- Beghetti M, Tissot C. 2009. Pulmonary arterial hypertension in congenital heart diseases. *Semin Respir Crit Care Med*, 30: 421–8.
- Benson dan Freedom. 1992. Atrial Septal Defect. In *Neonatal heart disease*. London: Springer-Verlag London: 633–43.
- Beydon, N., Davis, S.D., Lombardi, E., Allen, J.L., Arets, H.G.M., Aurora, P., et al. 2007. An Official American Thoracic Society/European Respiratory Society Statement: Pulmonary function testing in preschool children. *Am J Respir Crit Care Med.*, 175: 1304–45.
- Carey, M.A., Card, J.W., Voltz, J.W., Jr, S.J.A., Germolec, D.R., Korach, K.S., et al. 2007. It's all about sex: male-female differences in lung development and disease. *Trends Endocrinol Metab*, 18: 308–13.
- Central Pollution Control Board. 2012. *Study on ambient air quality, respiratory symptoms and lung function of children in Delhi*. PR Central Pollution Control Board, Delhi.
- Cevik, A., Olgunturk, R., Kula, S., Saylan, B., Pektaş, A., Oğuz, D., et al. 2013. Left-to-right shunt with congenital heart disease: single center experience. *ISRN Cardiol*, 2013: 1–5.
- Cross, T.J., Sabapathy, S., Beck, K.C., Morris, N.R., Johnson, B.D. 2012. The resistive and elastic work of breathing during exercise in patients with chronic heart failure. *Eur Respir J.*, 39: 1449–57.
- Debasish, D., Himel, M., Minati, P. 2017. Study of dynamic lung function parameters in normal, overweight, and thin school boys. *J Sci Soc*, 44: 36–9.
- Everitt MD, Yetman AT. 2008. Congestive heart failure in the pediatric patient with congenital heart disease. *Pediatr Health*, 2: 33–45.
- Faridi, M.M, Gupta, P., Prakash, A. 1995. Lung functions in malnourished children aged five to eleven years. *Indian Pediatr*, 32: 35–42.



- Figueroa MS, Peters JI. 2006. Congestive heart failure: diagnosis, pathophysiology, therapy, and implications for respiratory care. *Respir Care*, 51: 403–12.
- Gehlbach, B.B.K., Geppert, E. 2004. The pulmonary manifestations of left heart failure. *Chest*, 125: 669–82.
- Guhaire, J., Haddad, F., Mercier, O., Murphy, D.J., Wu, J.C., Fadel, E. 2012. The right heart in congenital heart disease, mechanisms and recent advances. *J Clin Exp Cardiol*, 8: 1–11.
- ten Harkel, A.D.J., Takken, T. 2010. Exercise testing and prescription in patients with congenital heart disease. *Int J Pediatr*, 2010: 1–9.
- Harms, C.A. 2006. Does gender affect pulmonary function and exercise capacity? *Respir Physiol Neurobiol*, 151: 124–31.
- Hassan, B.A., Albanna, E.A., Morsy, S.M., Siam, A.G., Al Shafie, M.M., Elsaadany, H.F., et al. 2015. Nutritional status in children with un-operated congenital heart disease: an Egyptian center experience. *Front Pediatr*, 3: 1–5.
- Hawkins, S.M.M., Taylor, A.L., Sillau, S.H., Mitchell, M.B., Rausch, C.M. 2014. Restrictive lung function in pediatric patients with structural congenital heart disease. *J Thorac Cardiovasc Surg*, 148: 207–11.
- Healy, F., Hanna, B.D., Zinman, R. 2012. Pulmonary complications of congenital heart disease. *Paediatr Respir Rev*, 13: 10–5.
- Hooper, M.M., Lee, S.H., Voswinckel, R., Palazzini, M., Jais, X., Marinelli, A., et al. 2006. Complications of right heart catheterization procedures in patients with pulmonary hypertension in experienced centers. *J Am Coll Cardiol*, 48:2546-52.
- Hopper, R.K., Abman, S.H., Ivy, D.D. 2016. Persistent challenges in pediatric pulmonary hypertension. *Chest*, 150: 226–36.
- Jackson, M., Poskitt, E.M. 1991. The effects of high-energy feeding on energy balance and growth in infants with congenital heart disease and failure to thrive. *Br J Nutr*, 65: 131–43.
- Janda, S., Shahidi, N., Gin, K., Swiston, J. 2011. Diagnostic accuracy of echocardiography for pulmonary hypertension: a systematic review and meta-analysis. *Heart*, 97: 612–22.
- Janssens, J. 2005. Aging of the respiratory system: impact on pulmonary function tests and adaptation to exertion. *Clin Chest Med*, 26: 469–84.
- Jat, K.R. 2013. Spirometry in children. *Prim Care Respir J*, 22: 221–9.
- Johnson, J.D., Theurer, W.M. 2014. A stepwise approach to the interpretation of pulmonary function tests. *Am Fam Physician*, 89: 3–66.
- Kung, G.C., Triedman, J.K. 2017. Pathophysiology of left-to-right shunts - UpToDate. https://www.uptodate.com/contents/pathophysiology-of-left-to-right-shunts?source=search_result&search=l to r shunt&selectedTitle=2~150 25 October 2017.
- Linde, L.M., Siegel, S.I., Martelle, R.R., Simmons, D.H. 1964. Lung function in congenital heart disease. *Chest*, 46: 46–50.



- McGeachie, M.J., Yates, K.P., Zhou, X., Guo, F., Sternberg, A.L., Van Natta, M.L., et al. 2016. Patterns of growth and decline in lung function in persistent childhood asthma. *N Eng J Med*, 374: 1842–52.
- Miller, M.R., Hankinson, J., Brusasco, V., Burgos, F., Casaburi, R., Coates, A., et al. 2005. Standardisation of spirometry. *Eur Respir J*, 26: 319–38.
- Naumburg, E., Söderström, L., Huber, D., Axelsson, I. 2017. Risk factors for pulmonary arterial hypertension in children and young adults. *Pediatr Pulmonol*, 52: 636–41.
- Okoromah, C.A.N., Ekure, E.N., Lesi, F.E.A., Okunowo, W.O., Tijani, B.O. , Okeiyi, J.C. 2011. Prevalence, profile and predictors of malnutrition in children with congenital heart defects: a case-control observational study. *Arch Dis Child*, 96: 354–60.
- Opotowsky, A.R. 2013. Abnormal spirometry in congenital heart disease: Where do we go from here? *Circulation*, 127: 865–67.
- Park, M.K. 2008. *Pediatric cardiology for practitioners*. 5th ed. CFletcher, J., McGonigal, C., eds. Philadelphia: Mosby Elsevier.
- Pruthi, N., Multani, N.K.. 2012. Influence of age on lung function tests. *JESP*, 8: 1–6.
- Ross, R.D. 2012. The Ross classification for heart failure in children after 25 years: A review and an age-stratified revision. *Pediatr Cardiol*, 33: 1295–1300.
- Rossouw, B. 2013. Balancing the heart and the lungs in children with large cardiac shunts. *CME*, 31: 16–21.
- Sabry, A.F., El-hagras, H.F., Hossam, H.M., El-baz, A.A. 2013. Changes in pulmonary functions in children in response to pulmonary hypertension associated with cardiac diseases in Suez Canal area in Egypt. *Med. J. Cairo Univ*, 81: 101–6.
- Sari, N.K., Soetadji, A., Kosim, M.S. 2014. Hubungan antara besarnya defek septum ventrikel dengan fungsi paru. *Sari Pediatr*, 16: 189–94.
- Sastroasmoro S. 1998. *Dasar diagnosis dan tatalaksana penyakit jantung anak*. Jakarta: Perhimpunan Kardiologi Anak Indonesia.
- Sharma, G., Goodwin, J. 2006. Effect of aging on respiratory system physiology and immunology. *Clin Interv Aging*, 1: 253–60.
- Sommer, R.J., Hijazi, Z.M., Rhodes, J.F. 2008. Pathophysiology of congenital heart disease in the adult part I: shunt lesions. *Circulation*, 117: 1090–99.
- Stocks, J., Hislop, A., Sonnappa, S. 2013. Early lung development: lifelong effect on respiratory health and disease. *Lancet Respir Med*, 1: 728–42.
- Suresh, S., O'Callaghan, M., Sly, P.D. & Mamun, A.A. 2015. Impact of childhood anthropometry trends on adult lung function. *Chest*, 147: 1118–26.
- Şuteu, C.C., Muntean, I., Blesneac, C., Căpilna, B., Benedek, T., Togănel, R. 2016. A correlative study of spirometric parameters and markers of right ventricular dysfunction in pediatric patients with pulmonary arterial hypertension. *J Interdisciplinary Med*, 1: 153–8.



- Vaidyanathan, B., Nair, S.B., Sundaram, K.R., Babu, U.K., Shivaprakasha, K., Rao, S.G., *et al.* 2008. Malnutrition in children with congenital heart disease (CHD) determinants and short term impact of corrective intervention. *Indian Pediatr*, 45: 541–6.
- Vaidyanathan, B., Roth, S.J., Rao, S.G., Gauvreau, K., Shivaprakasha, K., Krishna Kumar, R. 2002. Outcome of ventricular septal defect repair in a developing country. *J Pediatr*, 140: 736–41.
- Varan, B., Tokel, K., Yilmaz, G. 1999. Malnutrition and growth failure in cyanotic and acyanotic congenital heart disease with and without pulmonary hypertension. *Arch Dis Child*, 81: 49–52.
- Vogt, B., Falkenberg, C., Weiler, N., Frerichs, I. 2014. Pulmonary function testing in children and infants. *Physiol meas*, 35: R59-90.
- Wahab, A.S. 2003. *Penyakit jantung anak..* 3rd ed. Jakarta: EGC.
- Wang, X., Dockery, D.W., Wypij, D., Fay, M.E., Ferris Jr., B.G. 1993. Pulmonary function between 6 and 18 years of age. *Pediatr Pulmonol*, 15: 75–88.
- Zhao, X.J., Mckerr, G., Dong, Z., Higgins, C.A., Carson, J., Yang, Z.Q., *et al.* 2001. Expression of oestrogen and progesterone receptors by mast cells alone , but not lymphocytes , macrophages or other immune cells in human upper airways. : 205–11.