

DAFTAR PUSTAKA

1. Mohammed MS, Sendra S, Lloret J, Bosch I. Review article systems and WBANs for controlling obesity. *J Healthc Eng.* 2018;2018:21.
2. Peters U, Suratt BT, T Bates JH, Dixon AE, BCh B. Beyond BMI obesity and lung disease. *Chest.* 2018;702–9.
3. Balitbangkes. Laporan hasil riset kesehatan dasar (Riskesdas) | badan penelitian dan pengembangan kesehatan. Badan Penelitian dan Pengembangan Kesehatan. 2018.
4. Melo LC, Mendonça Da Silva MA, Carolina A, Calles N. Obesity and lung function: a systematic review. *eins.* 2014;12(1):120–5.
5. Vinar Kumar, Abdul K. Abbas, Jon C. Aster. Robbins basic pathology. 10th ed. Vol. 10. Philadelphia: Elsevier; 2018.
6. Peters U, Dixon A, Forno E. Obesity and asthma. *J Allergy Clin Immunol.* 2018;141(4):1169–79.
7. Salome CM, King GG, Berend N. Physiology of obesity and effects on lung function. *J Appl Physiol.* 2010;108(1):206–11.
8. Wang S, Sun X, Hsia TC, Lin X, Li M. The effects of body mass index on spirometry tests among adults in Xi'an, China. *Medicine (Baltimore).* 2017;96(15):13–6.
9. Urooj Bhatti, Zulfiqar Ali L Aghari, Binafsha Manzoor Syed. Effect of body mass index on respiratory parameters: A Cross-sectional Analytical Study. *Pak J Med Sci .* 2019;35(6):1724–9.
10. Graham BL, Steenbruggen I, Miller MR, Barjaktarevic IZ, Cooper BG, Hall GL, et al. Standardization of spirometry 2019 update. *Am J Respir Crit Care Med .* 2019;200(8):e70–88.
11. Gaye Ulubay, Aslı Görek Dilektaşlı, Şermin Börekçi, Öznur Yıldız, Esen Kıyan, Bilun Gemicioglu, et al. Turkish thoracic society consensus report: interpretation of spirometry. *Turk Thorac J.* 2019;20(1):69–89.
12. Bakhtiar A, Tantri RIE. Faal paru dinamis. *J Respirasi.* 2017;3(3):89.
13. Amran BA& WS. Faal paru statis. *J Respirasi.* 2016;2(3):91–8.
14. Obesity and overweight [Internet]. WHO. 2021 [cited 2022 May 18]. Available from: <https://www.who.int/news-room/fact-sheets/detail/obesity-and-overweight>
15. Lin X, Li H. Obesity: epidemiology, pathophysiology, and therapeutics. *front endocrinol (Lausanne).* 2021;6:12.
16. Li Q, Blume SW, Huang JC, Hammer M, Ganz ML. Prevalence and healthcare costs of obesity related comorbidities: Evidence from an

- Electronic Medical Records System in the United States. *J Med Econ*. 2015;18(12):1020–8.
17. Weir CB, Jan A. BMI classification percentile and cut off points. StatPearls. StatPearls Publishing; 2021.
 18. Tabel Batas Ambang indeks Massa tubuh (IMT) [Internet]. KEMENKES RI. 2019 [cited 2022 Apr 4]. Available from: <http://p2ptm.kemkes.go.id/infographic-p2ptm/obesitas/tabel-batas-ambang-indeks-massa-tubuh-imt>
 19. Sherwood L. Fisiologi Manusia Dari Sel ke Sistem Ed. 8. 8th ed. Vol. 8. Jakarta: EGC; 2016. 373–404 p.
 20. Apeksh Patwa, Amit Shah. Anatomy and physiology of respiratory system relevant to anaesthesia. *Indian J Anaesth* . 2015 Sep;59(9):533–41.
 21. Dr. R. Darmanto Djojodibroto, Sp.P F. Respirology medicine ed.2. 2nd ed. Suyono dr. YJ, Melinda dr. E, editors. Vol. 2. Jakarta: Penerbit Buku Kedokteran EGC; 2017. 5–43 p.
 22. Ganong, Barrett KE, Barman SM, Boitano S, Brooks HL. Ganong's review of medical physiology, 24th Ed. 24th ed. Vol. 24, Memórias do Instituto Oswaldo Cruz. McGraw Hill Profesional; 2012. 215–6 p.
 23. John E. Hall. Guyton and Hall textbook of medical physiology. 13th ed. vol.13, elsevier. 2016. 497–556 p.
 24. Costanzo LS. Physiology, 5th Ed. 5th ed. Vol. 5, Saunders, an imprint of Elsevier Inc. Philadelphia: Elsevier; 2017. 185–237 p.
 25. John B. West. Pulmonary pathophysiology the essentials. 7th ed. Vol. 7. Philadelphia: Lippincott Williams & Wilkins; 2008. 2–106 p.
 26. Moore VC. Spirometry : step by step. *breathe*. 2012;8:233–40.
 27. Haynes JM. Basic spirometry testing and interpretation for the primary care provider. *Can J Respir Ther*. 2018;54.
 28. Hasan H, Maranatha RA. Perubahan fungsi paru pada usia tua. *Jurnal Respirasi*. 2019;3(2):52.
 29. Albert RK, Spiro SG, Jett JR. Clinical respiratory medicine 4th Ed. 4th ed. Vol. 4, Clinical Respiratory Medicine. Philadelphia: Elsevier; 2008. 133–43 p.
 30. Hirai T. Pulmonary function tests. *Med Radiol*. 2021;80(December 2010):11–20.
 31. Ruppel GL, Enright PL. Pulmonary function testing. *Respir Care*. 2012;57(1):165–75.
 32. Langan RC, Goodbred AJ. Office spirometry: indications and interpretation. *Am Fam Physician*. 2020;101(6):362–8.

33. Uyainah A, Amin Z, Thufeilsyah F. Spirometri. Ina J Chest Crit and Emerg Med. 2014;1(1):35–8.
34. Haynes JM. Basic spirometry testing and interpretation for the primary care provider. Can J Respir Ther. 2018;54(4):92–8.
35. Quanjer PH, Brazzale DJ, Boros PW, Pretto JJ. Implications of adopting the global lungs initiative 2012 all-age reference equations for spirometry. Eur Respir J. 2013;42(4):1046–54.
36. Haddad M, Sharma S. Physiology, Lung. StatPearls. 2022 Jul 18.
37. Dixon AE, Peters U. The effect of obesity on lung function. Expert Rev Respir Med. 2018;12(9):755.
38. Dafallah Albashir AA. The potential impacts of obesity on COVID-19. J R Coll Physicians Edinb. 2020;20(4):E109–13.
39. Littleton SW. Impact of obesity on respiratory function. Respirology. 2012;17(1):43–9.
40. Satriyani, Pandelaki K, Wongkar MCP. Hubungan obesitas dengan faal paru pada mahasiswa fakultas kedokteran universitas sam ratulangi manado. e-CliniC. 2015;3(1):113–7.
41. Crimi C, Impellizzeri P, Campisi R, Nolasco S, Spanevello A, Crimi N. Practical considerations for spirometry during the COVID-19 outbreak: Literature review and insights. Pulmonology. 2021;1;27(5):438–47.
42. Antonella LoMauro AA. Sex differences in respiratory function. breathe. 2018;14:131–40.
43. Erick Forno, Yueh-Ying Han, James Mullen² and JC. Overweight, obesity, and lung function in children and adults – a meta-analysis. Physiol Behav. 2018;176(1):139–48.
44. Lamb K, Theodore D, Bhutta BS. A Simple measure to assess hyperinflation and air trapping: 1-forced expiratory volume in three second / forced vital capacity. Balkan Med J. 2017; 6;34:113–8.
45. Lutfi MF. The physiological basis and clinical significance of lung volume measurements. Multidiscip Respir Med. 2017;12(1):1–12.
46. Banerjee J, Roy A, Singhamahapatra A, Dey PK, Ghosal A, Das A. Association of body mass index with lung function parameters in non-asthmatics identified by spirometric protocols. JCDR. 2014;8(2):12–4.
47. al Ghobain M. The effect of obesity on spirometry tests among healthy non-smoking adults. BMC Pulm Med. 2012;12(1):10.

48. Haznawati ND, Probosari E, Fitranti DY. Hubungan indikator obesitas dengan kapasitas vital paru pada remaja akhir. *J Nutr.* 2019;8(2):95.
49. Martinez-Pitre PJ, Sabbula BR, Cascella M. Restrictive lung disease. *StatPearls.*2022;25.
50. Mafort TT, Rufino R, Costa CH, Lopes AJ. Obesity: systemic and pulmonary complications, biochemical abnormalities, and impairment of lung function. *Multidiscip Respir Med.* 2016;11(1):1–11.

