

DAFTAR PUSTAKA

- Agarwal, A.K., Raja, A., Brown, B.D. 2023. *Chronic Obstructive Pulmonary Disease*. StatPearls, Treasure Island.
- Alsofyani, M.A., Aloufi, A.O., Al-Qhtani, N.S., Bamansour, S.O., Almathkori, R.S. 2022. Factors Related to Treatment Adherence among Hypertensive Patients: A Cross-sectional Study in Primary Healthcare Centers in Taif City. *Journal of Family and Community Medicine*. Vol.29(3): 181–8.
- Badami, S. 2014. Immediate Effect of Short Duration of Slow Deep Breathing on Heart Rate Variability in Healthy Adults. *National Journal of Physiology, Pharmacy & Pharmacology*. Vol.4(3): 233–5.
- Bakhtiar, A., Tantri, R.I.E. 2017. Faal Paru Dinamis. *Jurnal Respirasi*. Vol.3(3): 57–64.
- Bell, K., Twiggs, J., Olin, B.R. 2015. *Hypertension: The Silent Killer: Updated JNC-8 Guideline Recommendations*. Alabama: Pharmacy Association, Alabama.
- Bernardi, L., Porta, C., Spicuzza, L., Bellwon, J., Spadacini, G., Frey, A.W., R.Yeung, L.Y.C., Sanderson, J.E., Pedretti, R., Tramarin, R. 2015. Slow Breathing Increases Arterial Baroreflex Sensitivity in Patients With Chronic Heart Failure. *Circulation*. Vol.105: 143–6.
- Bhatt, A., Rampallivar, S. 2016. Effect of Pranayam on Ventilatory Functions in Patients of Bronchial Asthma. *J. Evolution Med. Dent. Sci.* Vol.5(28): 1453–5.
- Birhan, M.M., Abebe, Y. 2018. Pulmonary Function Tests in Hypertensive Patients Attending Zewditu Memorial Hospital, Addis Ababa, Ethiopia. *International Journal of Hypertension*. Vol.2018: 1–7.
- Canning, B.J. 2006. Reflex regulation of airway smooth muscle tone. *Journal of Applied Physiology*. Vol.101(3): 971–85.
- Costanzo, L.S. 2014. *Physiology*. Fifth Edition. Elsevier, Philadelphia.
- Dahlan, M.S. 2011. *Statistik untuk Kedokteran dan Kesehatan*. Edisi 5 Seri Evidence Medicine. Salemba Medika, Jakarta.
- Dakin, J., Mottershaw, M., Kourteli, E. 2017. *Making Sense of Lung Function Tests: A Hands-on Guide*. CRC Press, Boca Raton.
- Dinas Kesehatan Provinsi Jawa Tengah. 2019. Profil Kesehatan Provinsi Jawa Tengah Tahun 2019. *Dinas Kesehatan Provinsi Jawa Tengah*.

- Dinas Kesehatan Kabupaten Banyumas. 2022. *Profil Kesehatan*. Pemerintah Kabupaten Banyumas, Banyumas.
- Edwards, Z., Annamaraju, P. 2023. *Physiology, Lung Compliance*. StatPearls Publishing, Treasure Island.
- Fincham, G.W., Straus, C., Montero-Marin, J., Cavanagh K. 2023. Effect of breathwork on stress and mental health : A meta - analysis of randomised - controlled trials. *Scientific Reports*. Vol.13(1): 1–14.
- Graham, B.L., Steenbruggen, I., Miller, M.R., Barjaktarevic, I.Z., Cooper, B.G., Hall, G.L., Hallstrand, T.S., Kaminsky, D.A., McCarthy, K., McCormack, M.C., Oropeza, C.E., Rosenfeld, M., Stanojevic, S., Swanney, M.P., Thompson, B.R. 2019. Standardization of spirometry 2019 update an official American Thoracic Society and European Respiratory Society technical statement. *American Journal of Respiratory and Critical Care Medicine*. Vol.200(8): 70–88.
- Hamasaki, H. 2020. Effects of Diaphragmatic Breathing on Health: A Narrative Review. *Medicines*. Vol.7(10): 1–19.
- Jacobs, D.R., Yatsuya, H., Hearst, M.O., Thyagarajan, B., Kalhan, R., Rosenberg, S., Smith, L.J., Barr R.G., Duprez, D.A. 2012. Rate of Decline of Forced Vital Capacity Predicts Future Arterial Hypertension: The Coronary Artery Risk Development in Young Adults Study. *Hypertension*. Vol.59(2): 219–25.
- Jayawardena R., Ranasinghe, P., Ranawaka, H., Gamage, N., Dissanayake, D., Misra, A. 2020. Exploring the Therapeutic Benefits of Pranayama (Yogic Breathing) : A Systematic Review'. *International Journal of Yoga*. Vol.13: 99–110.
- Jerath, R., Edry, J.W., Barnes, V.A., Jerath, V. 2006. Physiology of long pranayamic breathing: Neural respiratory elements may provide a mechanism that explains how slow deep breathing shifts the autonomic nervous system. *Medical Hypotheses*. Vol.67(3) : 566–71.
- Karunathilake, S.P., Ganegoda, G.U. 2018. Secondary Prevention of Cardiovascular Diseases and Application of Technology for Early Diagnosis. *BioMed Research International*. Vol.2018: 1–9.
- Katiyar, S.K., Bihari, S. 2006. Role of Pranayama in Rehabilitation of COPD patients - a Randomized Controlled Study. *Indian J Allergy Asthma Immunol*. Vol.20(2): 98–104.
- Kemenkes Kesehatan RI. 2018. *Hasil Riset Kesehatan Dasar (Riskesdas)*. Badan Penelitian dan Pengembangan Kesehatan, Jakarta.

- Kementerian Kesehatan RI. 2016. *Infodatin Lansia 2016*. Kementerian Kesehatan RI, Jakarta.
- Kumar, S., Gangwar, R.P., Supriya, R.G. 2022. To Evaluate the Effect of Deep Breathing Exercises and Incentive Spirometry on Peak Expiratory Flow Rate and FEV₁/FVC Ratio in Patients Undergoing Laparoscopic Cholecystectomy. *International Journal of Toxicological and Pharmacological Research*. Vol.12(8): 56–62.
- Maehle, G. 2012. *Pranayama - The Breath of Life*. Kaivalya Publications, Innaloo City.
- Martini, F.H., Nath, J.L., Bartholomew, E.F. 2019. *Fundamentals of Anatomy & Physiology*. Ninth Edition. Pearson, London.
- Nguyen, T.N., Chow, C.K. 2021. Global and national high blood pressure burden and control. *The Lancet*. Vol.398(10304): 932–3.
- Nurmalasari, M. 2018. *Modul Statistik Inferens (MIK 411): Materi 2 Uji Beda Dua Rata-Rata Berpasangan (Uji T-Dependent)*. Universitas Esa Unggul, Jakarta.
- Pan, J., Wu, L., Wang, H., Lei, T., Hu, B., Xue, X., Li, Q. 2019. Determinants of hypertension treatment adherence among a Chinese population using the therapeutic adherence scale for hypertensive patients. *Medicine (United States)*. Vol.98(27): 1–7.
- PERHI. 2021. *Konsensus Penatalaksanaan Hipertensi 2021: Update Konsensus PERHI 2019*. PERHI, Jakarta.
- Puskesmas Purwokerto Timur 01. 2021. *Profil Kesehatan Puskesmas Purwokerto Timur 01*. Puskesmas Purwokerto Timur 01, Banyumas.
- Ponce, M.C., Sankari, A., Sharma, S. 2022. *Pulmonary Function Tests*. StatPearls Publishing, Treasure Island.
- Russo, M.A., Santarelli, D.M., O'Rourke, D. 2017. The physiological effects of slow breathing in the healthy human. *Breathe*. Vol.13(4): 298–309.
- Sari, J.A., Astuti, R., Prasetio, D.B. 2020. Kapasitas Vital Paru pada Pekerja Tambal Ban Pinggir Jalan. *HIGEIA*. Vol.4(2): 223–32.
- Sastroasmoro, S., Ismael, S. 2011. *Dasar-Dasar Metodologi Penelitian Klinis*. Edisi ke-4. Sagung Seto, Jakarta.
- Sengupta, P. 2012. Health Impacts of Yoga and Pranayama : A State - of - the - Art Review. *International Journal of Preventive Medicine*. Vol.3(7): 444–58.
- Sewa, D.W., Ong, T.H. 2014. Pulmonary function test: Spirometry. *Proceedings of*

Singapore Healthcare. Vol.23(1): 57–64.

- Shah, S., Shaikh, M., Gupta, Y., Nahar, P., Zingade, U., Kowale, A. 2014. Pulmonary Function Tests in Hypertension. *The Journal of Pediatrics*. Vol.95(1): 338–43.
- Shankarappa, V., Prashanth, P., Annamalai N., Varunmalhotra. 2012. The short term effect of pranayama on the lung parameters. *Journal of Clinical and Diagnostic Research*. Vol.6(1): 27–30.
- Sherwood, L., Ward, C. 2018. *Human Physiology: From Cells to Systems*. 4th Canadian Edition. NELSON, Canada.
- Shravya, K.G., Hari, K.B., Suresh, M., Mallikarjuna, R.N. 2013. Effect of Slow Deep Breathing (6 Breaths/Min) on Pulmonary Function in Healthy Volunteers. *International Journal of Medical Research & Health Sciences*. Vol.2(3): 597–602.
- Silbernagl, S., Lang, F. 2010. *Color Atlas of Pathophysiology*. 3rd Edition. Thieme, Stuttgart.
- Silverthorn, D.U. 2019. *Human Physiology: An Integrated Approach*. 8th Edition. Pearson, London.
- Singh, S., Katwal, B., Panta, P.P. 2017. Slow and Deep Breathing Exercise (Pranayama) For a Stress Free Life amongst Medical Students. *International Journal of Research and Review*. Vol.4(7): 67–71.
- Sumartini, N.P., Miranti, I. 2019. Pengaruh Slow Deep Breathing Terhadap Tekanan Darah Lansia Hipertensi di Puskesmas Ubung Lombok Tengah. *Jurnal Keperawatan Terpadu (Integrated Nursing Journal)*. Vol.1(1): 38–49.
- Ublosakka-Jones, C., Tongde, P., Pachirat, O., Jones, D.A. 2018. Slow loaded breathing training improves blood pressure, lung capacity and arm exercise endurance for older people with treated and stable isolated systolic hypertension. *Experimental Gerontology*. Vol.108(2018): 48–53.
- Uyainah, A., Amin, Z., Thufeilsyah, F. 2014. *Update Knowledge in Respiriology: Spirometri*. Ina J Chest Crit and Emerg Med. Vol.1(01): 35–8.
- Vasquez, E.C., Meyrelles, S.S., Mauad, H., Cabral, A.M. 1997. Neural reflex regulation of arterial pressure in pathophysiological conditions : interplay among the baroreflex , the cardiopulmonary reflexes and the chemoreflex. *Brazilian Journal of Medical and Biological Research*. Vol.30: 521–32.
- Wheeler, B.W., Ben-Shlomo, Y. 2005. Environmental equity, air quality, socioeconomic status, and respiratory health: a linkage analysis of routine

data from the Health Survey for England. *J Epidemiol Community Health*. Vol.59: 948–54.

Yadav, A., Sankhla, M.,Yadav, K. 2015. Association of Hypertension and Pulmonary Functions. *International Multispecialty Journal of Health*. Vol.1: 15–8.

Zhou, B., Perel, P., Mensah, G.A., Ezzati, M. 2021. Global epidemiology, health burden and effective interventions for elevated blood pressure and hypertension. *Nature Reviews Cardiology*. Vol.18(11): 785–802.

