



## DAFTAR PUSTAKA

- Agras, H., Ferragut, C., & Abalde, J. A., 2016, Match analysis in futsal: A systematic review, *International Journal of Performance Analysis in Sport*, 16(2), 652–686.
- Amani-Shalamzari, S., Khoshghadam, E., Doniaee, A., Parnow, A., Bayati, M., & Clemente, F. M., 2019, Generic vs. small-sided game training in futsal: Effects on aerobic capacity, anaerobic power and agility. *Physiology and Behavior*, 204, 347–354.
- American Heart Association, 2024, *All About Heart rate*, <https://www.heart.org/en/health-topics/high-blood-pressure/the-facts-about-high-blood-pressure/all-about-heart-rate-pulse> (online accessed: July 4<sup>th</sup>, 2024)
- Barragán, R., González, M. F., Veiga, S., & Juárez, s. G. D., 2023, Effects of 8-week of training on *heart rate* variability, overtraining state and performance in international young swimmers, *Science and Sports*, 38(4), 362–369.
- Beato, M., Coratella, G., Schena, F., & Hulton, A. T., 2017, Evaluation of the external & internal workload in female futsal players, *Biology of Sport*, 34(3), 227–231.
- Brisbane Cetral Futsal, 2024, *Futsal vs Soccer*, <https://www.brisbanecentralfutsal.com/futsal-academy/futsal-vs-soccer/> (online accessed: July 15<sup>th</sup>, 2024)
- Bueno, M. J., Caetano, F. G., Pereira, T. J. C., De Souza, N. M., Moreira, G. D., Nakamura, F. Y., ... Moura, F. A., 2014, Analysis of the distance covered by Brazilian professional futsal players during official matches, *Sports Biomechanics / International Society of Biomechanics in Sports*, 13(3), 230–240.
- Bujalance, M. P., Latorre, R. P. Á., & García, P. F., 2019, A systematic review on small-sided games in football players: Acute and chronic adaptations, *Journal of Sports Sciences*, 37(8), 921–949.
- Carvalho, C. C. S., Souza, C. F., Detinôco, I. F. F., Santos, L. V., Minette, L. J., & da Silva, E. P. da., 2015, Activities and ergonomics of workers in broiler hatcheries, *Revista Brasileira de Ciencia Avicola / Brazilian Journal of Poultry Science*, 17(2), 123–136.



- Christopher, J., Beato, M., & Hulton, A. T., 2016, Manipulation of exercise to rest ratio within set duration on physical and technical outcomes during small-sided games in elite youth soccer players, *Human Movement Science*, 48, 1–6.
- Clemente, F. M., Martinho, R., Calvete, F., & Mendes, B., 2019, Training load and well-being status variations of elite futsal players across a full season: Comparisons between normal and congested weeks, *Physiology and Behavior*, 201, 123–129.
- Cleveland Clinic, 2024, *Aerobic Exercise*, <https://my.clevelandclinic.org/health/articles/7050-aerobic-exercise> (online accessed: July 5<sup>th</sup>, 2024)
- Cleveland Clinic, 2024, *Heart rate*, <https://my.clevelandclinic.org/health/diagnostics/heart-rate> (online accessed: July 4<sup>th</sup>, 2024)
- Colosio, A. L., Lievens, M., Pogliaghi, S., Bourgois, J. G., & Boone, J., 2020, *Heart rate-index estimates aerobic metabolism in professional soccer players*, *Journal of Science and Medicine in Sport*, 23(12), 1208–1214.
- D’Ascenzi, F., Valentini, F., Pistorresi, S., Frascaro, F., Piu, P., Cavigli, L., Valente, S., Focardi, M., Cameli, M., Bonifazi, M., Metra, M., & Mondillo, S., 2022, Causes of sudden cardiac death in young athletes and non-athletes: systematic review and meta-analysis: Sudden cardiac death in the young, *Trends in Cardiovascular Medicine*, 32(5), 299–308.
- DataIndonesia.id, 2023, *Kematian Akibat Penyakit Jantung di Indonesia Terus Meningkat*, <https://dataIndonesia.id/kesehatan/detail/kematian-akibat-penyakit-jantung-di-indonesia-terus-meningkat> (online accessed: July 10<sup>th</sup>, 2024)
- Dellal, A., Hill, H. S., Lago, P. C., & Chamari, K., 2011, *SMALL-SIDED GAMES IN SOCCER: AMATEUR VS. PROFESSIONAL PLAYERS’ PHYSIOLOGICAL RESPONSES, PHYSICAL, AND TECHNICAL ACTIVITIES*. [www.nscj-jscr.org](http://www.nscj-jscr.org)
- Dinas Kesehatan Pemerintahan Aceh, 2023, *Kemenkes: Penyakit Kardiovaskular Penyebab Kematian Tertinggi di Indonesia*, <https://dinkes.acehprov.go.id/detailpost/kemenkes-penyakit-kardiovaskular-penyebab-kematian-tertinggi-di-indonesia> (online accessed: July 5<sup>th</sup>, 2024)



- Drew, M. K., & Finch, C. F., 2016, The Relationship Between Training Load and Injury, Illness and Soreness: A Systematic and Literature Review, *Sports Medicine*, 46(6), 861–883.
- Farhani, Z., Amara, S., Aissa, M., Guelmami, N., Bouassida, A., & Dergaa, I., 2024, The variability of physical enjoyment, physiological responses, and technical-tactical performance according to the bout duration of small-sided games: a comparative study between female and male soccer players, *BMC Sports Science, Medicine and Rehabilitation*, 16(1).
- Fanchini, M., Azzalin, A., Castagna, C., Schena, F., McCall, A., & Impellizzeri, F., 2011, Effect Of Bout Duration On Exercise Intensity And Technical Performance Of Small-Sided Games In Soccer, *Strength And Conditioning*, 25(2), 453–458.
- Festiawan, R., 2020, Pendekatan Teknik Dan Taktik: Pengaruhnya Terhadap Keterampilan Bermain Futsal, *Jurnal Pendidikan Jasmani Dan Olahraga*, 3(2), 143–155.
- Fernandez, G. F. T., Silva, A. F., Castillo, R. A., Onetti, O. W., & Clemente, F. M., 2024, Effects of 8 weeks pre-season training on physical fitness, heart rate variability and cognition in women soccer players. *Heliyon*, 10(2).
- Finocchiaro, G., Papadakis, M., Robertus, J. L., Dhutia, H., Steriotis, A. K., Tome, M., Mellor, G., Merghani, A., Malhotra, A., Behr, E., Sharma, S., & Sheppard, M. N., 2016, Etiology of Sudden Death in Sports Insights From a United Kingdom Regional Registry, *Journal of The American College of Cardiology*, 67(18), 2108-2115.
- Gómez, M. A., Méndez, C., Indaburu, A., Travassos, B., Gómez, M. A., Méndez, C., ... Gómez, M. A., 2018, Goal effectiveness after players' dismissals in professional futsal teams, *Journal of Sports Sciences*, 00(00), 1–7.
- Halodoc, 2018, Setelah Berolahraga, Berapa Banyak Air yang Mesti Diminum?, <https://www.halodoc.com/artikel/setelah-berolahraga-berapa-banyak-air-yang-mesti-diminum> (online accessed: July 15<sup>th</sup>, 2024)
- Hutabarat, N., 2018, *Pengaruh Beban Tas dan Indeks Massa Tubuh Terhadap Denyut Jantung dan Rating of Perceived Exertion*, Skripsi, Teknik Industri Universitas Gadjah Mada, Yogyakarta.
- Kemenkes, 2019, *Tabel Batas Ambang Indeks Massa Tubuh (IMT)*, <https://p2ptm.kemkes.go.id/infographicp2ptm/obesitas/tabel-batas-ambang-indeks-massa-tubuh-imt> (online accessed: July 4<sup>th</sup>, 2024)



- Köklü, Y., Türkođan, H., Bölükbaşı, T., & Alemdarođlu, U., 2024, Comparison of internal and external loads during different small-sided games in young female soccer players, *Science and Sports*, 39(3), 260–266.
- Lhaksana, J., 2011, *Taktik dan Strategi Futsal Modern*, Jakarta: Be Champion
- Machado, F. C. L., Nakamura, F. Y., de Andrade, M. X., dos Santos, G. C., Carlet, R., Brusco, C. M., Reischak, O. A., Voser, R. da C., & Pinto, R. S., 2023, Total and regional body composition are related with aerobic fitness performance in elite futsal players, *Journal of Bodywork and Movement Therapies*, 35, 164–168.
- Maciel, F. O., Miranda, R., Ferreira, J. J. B., Goulart, T., Brandão, F., Werneck, F. Z., & Bara, F. M. G., 2022, Analysis of different training load monitoring methods in youth women handball players, *Apunts Sports Medicine*, 57(215).
- Mendes, D., Travassos, B., Carmo, J. M., Cardoso, F., Costa, I., & Sarmiento, H., 2022, Talent Identification and Development in Male Futsal: A Systematic Review, *International Journal of Environmental Research and Public Health*, 19(17), MDPI.
- Meeusen, R., Duclos, M., Foster, C., Fry, A., Gleeson, M., Nieman, D., Raglin, J., Rietjens, G., Steinacker, J., & Urhausen, A., 2013, Prevention, diagnosis, and treatment of the overtraining syndrome: Joint consensus statement of the european college of sport science and the American College of Sports Medicine, *Medicine and Science in Sports and Exercise*, 45(1), 186–205.
- Mohammed, A., Shafizadeh, M., & Platt, G. K., 2014, Effects of the level of expertise on the physical and technical demands in futsal, *International Journal of Performance Analysis in Sport*, 14(2), 473–481.
- Moore, R., Bullough, S., Goldsmith, S., & Edmondson, L., 2014, A Systematic Review of Futsal Literature, *American Journal of Sports Science and Medicine*, 2(3), 108–116.
- Naser, N., Ali, A., & Macadam, P., 2017, Physical and physiological demands of futsal, *Journal of Exercise Science and Fitness*, 15(2), 76–80.
- Nelson, M. J., Thomson, R. L., Rogers, D. K., Howe, P. R. C., & Buckley, J. D., 2014, Maximal rate of increase in *heart rate* during the rest-exercise transition tracks reductions in exercise performance when training load is increased. *Journal of Science and Medicine in Sport*, 17(1), 129–133.
- Papadakis, M., Sharma, S., Cox, S., Sheppard, M. N., Panoulas, V. F., & Behr, E. R., 2009, The magnitude of sudden cardiac death in the young: A death



- certificate-based review in England and Wales. *Europace*, 11(10), 1353–1358.
- Poyatos, C. M., González, Q. A., Altini, M., & Granero, G. A., 2022, *Heart rate variability-guided training in professional runners: Effects on performance and vagal modulation*, *Physiology and Behavior*, 244.
- Park, J., Seok, H. S., Kim, S. S., & Shin, H., 2022, *Photoplethysmogram Analysis and Applications: An Integrative Review*. In *Frontiers in Physiology*, 12.
- Purnawan, A. W, and Adeka, S. H., 2012, *Pengembangan Persamaan VO2 Max dan Evaluasi HR Max (Studi Awal pada Pekerja Pria)*, *J@TI Undip*, 7(1),
- Randani, A. Y. & Wahyudi, A. N., 2021, *Pengaruh latihan small sided games 4 v 4 dan 7 v 7 terhadap akurasi passing tim garuda soccer school*. *Journal Active of Sport*, 1(2), 37-45.
- Saki, H., Nazem, F., Fariba, F., & Sheikhsharbafan, R., 2023, *A High intensity Interval training (running and swimming) and resistance training intervention on heart rate variability and the selected biochemical factors in boys with type 1 diabetes*, *Diabetes Research and Clinical Practice*, 204.
- Sarmiento, H., Clemente, F. M., Harper, L. D., Costa, I. T. da, Owen, A., & Figueiredo, A. J., 2018, *Small sided games in soccer—a systematic review*. *International Journal of Performance Analysis in Sport*, 18(5), 693–749.
- Sehat Negeriku, 2023, *Cegah Penyakit Jantung dengan Menerapkan Perilaku CERDIK dan PATUH*, <https://sehatnegeriku.kemkes.go.id/baca/rilis-media/20230925/4943963/cegah-penyakit-jantung-dengan-menerapkan-perilaku-cerdik-dan-patuh/> (online accessed: July 5<sup>th</sup>, 2024)
- Sera, N. D., Mark, L. W., & Aron, J. M., 2011, *Time-Motion Analysis Of International and National Level Futsal*, *Journal of Strength and Conditioning Research*, 25(3), 646–651.
- Songsorn, P., Somnarin, K., Jaitan, S., & Kupradit, A., 2022, *The effect of whole-body high-intensity interval training on heart rate variability in insufficiently active adults*, *Journal of Exercise Science and Fitness*, 20(1), 48–53.
- Stojanović, E., Stojiljković, N., Stanković, R., Scanlan, A. T., Dalbo, V. J., & Milanović, Z., 2021, *Game format alters the physiological and activity demands encountered during small-sided football games in recreational players*, *Journal of Exercise Science and Fitness*, 19(1), 40–46.



- Vacher, P., Filaire, E., Mourot, L., & Nicolas, M., 2019, Stress and recovery in sports: Effects on *heart rate* variability, cortisol, and subjective experience, *International Journal of Psychophysiology*, 143, 25–35.
- Verywell Fit, 2024, *Using Your Target Heart rate to Maximize Your Workouts*, <https://www.verywellfit.com/target-heart-rate-calculator-3878160> (online accessed: July 8<sup>th</sup>, 2024)
- World Health Organization* (WHO), 2021, *Cardiovascular Diseases (CVDs)*, [https://www.who.int/news-room/fact-sheets/detail/cardiovascular-diseases-\(cvds\)?gad\\_source=1](https://www.who.int/news-room/fact-sheets/detail/cardiovascular-diseases-(cvds)?gad_source=1) (online accessed: July 5<sup>th</sup>, 2024)
- Wignjosoebroto, S., 2000, *Ergonomi, Studi Gerak dan Waktu: Teknik Analisis untuk Peningkatan Produktivitas Kerja*, Guna Widya, Surabaya.
- Zhu, Z., Li, H., Xiao, J., Xu, W., & Huang, M. C., 2022, A fitness training optimization system based on *heart rate* prediction under different activities, *Methods*, 205, 89–96.