

DAFTAR PUSTAKA

- Aghayari, A., R. Afroundeh, and P. Saeidi Azad. 2016. "The Effect of 6 Weeks Aerobic Training on Balance and on Flexibility in Elderly Women in Hamadan." *Journal of Gerontology* 1(2):1–9.
- Arifin, Zainal. 2018. "Pengaruh Latihan Senam Kebugaran Jasmani (SKJ) Terhadap Tingkat Kebugaran Siswa Kelas V Di Min Donomulyo Kabupaten Malang." *Jurnal Of Education* 1(1):22–29.
- Babu, Seethal K., and Anila Paul. 2018. "Effectiveness of Nordic Hamstring Exercise in Improving Hamstring Muscle Flexibility , Strength and Endurance among Young Adults." *International Journal of Health Sciences and Research* 8(3):119–32.
- Castillo-Rodríguez, Alfonso, and José Luis Chinchilla-Minguet. 2014. "Cardiovascular Program to Improve Physical Fitness in Those over 60 Years Old - Pilot Study." *Clinical Interventions in Aging* 12:69–75.
- Dehnou, Vahid Valipour, and Reza Motamedi. 2018. "Assessing and Comparing of Balance and Flexibility among Elderly Men and Women in the Age Group of 60-79 Years." *Iranian Journal of Ageing* 13(2):210–21.
- Furtado, Hélio L., Nelson Sousa, Roberto Simão, Fabio Dutra Pereira, and José Vilaça-Alves. 2015. "Physical Exercise and Functional Fitness in Independently Living vs Institutionalized Elderly Women: A Comparison of 60- to 79-Year-Old City Dwellers." *Dovepress Clinical Interventions in Aging* 10:795–801.
- Gago, I. Komang Suciptha, Syahmirza Indra, and I. Made Muliarta. 2014. "Peningkatan Fleksibilitas Otot Hamstring Pada Pemberian Myofascial Release Dan Latihan Auto Stretching Sama Dengan Latihan Stretching Konvensional." *Majalah Ilmiah Fisioterapi Indonesia, Volume 2, Nomor 1* 2(1):1–11.
- Gil-Espinosa, Francisco Javier, Cristina Cadenas-Sanchez, and Palma Chillón. 2018. "Physical Fitness Predicts the Academic Achievement over One-School Year Follow-up Period in Adolescents." *Journal of Sports Sciences* 1–7.
- Gusty, Reny Prima. 2014. "Pemberian Latihan Rentang Gerak Terhadap Fleksibilitas Sendi Anggota Gerak Bawah Pasien Fraktur Femur Terpasang Fiksasi Interna Di RSUP. Dr. M. Djamil Padang." *NERS Jurnal Keperawatan* 10(2):176–96.

- Hanafi, Suriah. 2010. "Efektifitas Latihan Beban Dan Latihan Pliometrik Dalam Meningkatkan Kekuatan Otot Tungkai Dan Kecepatan Reaksi." *Jurnal ILARA* 1(2):1–9.
- Ho, Cassandra W. H., S. C. Chan, J. S. Wong, W. T. Cheung, Dicky W. S. Chung, and Titanic F. O. Lau. 2014. "Effect of Aerobic Exercise Training on Chinese Population with Mild to Moderate Depression in Hong Kong." *Rehabilitation Research and Practice* 2014:1–8.
- Hoeger, Werner W. K., and Sharon A. Hoeger. 2012. *Lifetime Physical Fitness & Wellness*. 12th ed. Cengage Learning.
- Irawan, M. Anwari. 2007. "Metabolisme Energi Tubuh Dan Olahraga." *Polton Sports Science & Brief* 01(07):1–9.
- Jayanti, Krisnita Dwi. 2017. "Pelaksanaan Sistem Surveilans Kesehatan Haji Di Dinas Kesehatan Kota Surabaya." *Ikesma* 13(2):103–16.
- Kachanathu, Shaji John, Shibli Nuhmani, and Dinesh Chand. 2013. "Efficacy of Retrowalking Versus Passive Static Stretching on Hamstring Tightness And Balance in Young Collegiate Students." *Indian Journal of Applied Research* 3(9):466–68.
- Katsura, Yoshihiro, Noriko Takeda, Taketaka Hara, Sho Takahashi, and Kazunori Nosaka. 2019. "Comparison between Eccentric and Concentric Resistance Exercise Training without Equipment for Changes in Muscle Strength and Functional Fitness of Older Adults." *European Journal of Applied Physiology* 119(7):1581–90.
- Kemenkes RI. 2017. *Analisis Kesehatan Haji Di Indonesia*. Jakarta.
- Lee, Sang Ho, Byoung Do Seo, and Sang Mi Chung. 2013. "The Effect of Walking Exercise on Physical Fitness and Serum Lipids in Obese Middle-Aged Women: Pilot Study." *Journal of Physical Therapy Science* 25(12):1533–36.
- Leirós-Rodríguez, Raquel, Anxela Soto-Rodríguez, Ignacio Pérez-Ribao, and José L. García-Soidán. 2018. "Comparisons of the Health Benefits of Strength Training, Aqua-Fitness, and Aerobic Exercise for the Elderly." *Rehabilitation Research and Practice* 1–8.
- Leite, Thalita B., Pablo B. Costa, Richard D. Leite, Jefferson S. Novaes, Steven J. Fleck, and Roberto Simão. 2017. "Effects of Different Number of Sets of Resistance Training on Flexibility." *International Journal of Exercise Science* 10(3):354–64.
- López-Miñarro, Pedro A., Pilar Sáinz de Baranda Andújar, and Pedro L. Rodríguez-García. 2009. "A Comparison of the Sit-and-Reach Test and the Back-Saver Sit-and-Reach Test in University Students." *Journal of Sports*

Science and Medicine 8(1):116–22.

Manual, Instruction. 2012. “Resistance Band & Tubing Instruction Manual.”

Megasari, Putu Santi Krishna, Ni Luh Nopi Andayani, Susy Purnawati, and Ida Ayu Dewi Wiryanthini. 2018. “Intervensi Contract Relax Hamstring Dan Hold Relax Quadriceps Lebih Baik Dibanding Contract Relax Hamstring Dan Isotonic Exercise Quadriceps Dalam Meningkatkan Fleksibilitas Hamstring Pada Ibu-Ibu PKK Di Banjar Jambe Belodan, Desa Dauh Peken, Tabanan.” *Majalah Ilmiah Fisioterapi Indonesia, Volume 2, Nomor 1* 6(1):47–50.

Morris, Jeremy N., and Adrienne E. Hardman. 1997. “Walking to Health.” *Sports Medicine* 23(5):306–32.

Muhajir. 2007. Pendidikan Jasmani Olahraga & Kesehatan SMP Kelas VIII. 1st ed. edited by F. F and P. S. Yudistira.

Muhamad, Ayu S., and Wan M. A. W. Yusoff. 2018. “Effects Of 8 Weeks Of Eccentric Training On Hamstring Flexibility And Muscular Performance Among Healty Overweight And Obese Women.” *International Journal of Advances in Science Engineering and Technology* 6(2):43–48.

Murti, Oktariana Sari. 2016. “Perbedaan Pengaruh Peningkatan Fleksibilitas Back Muscle Dengan Latihan Pnf Stretching Dan Pilates Exercise Pada Wanita.” 1–18.

Nugraha, Dary Alhady. 2014. “Perbedaan Tingkat Fleksibilitas Laki-Laki Dan Perempuan Pada Mahasiswa Fakultas Kedokteran.”

O’Sullivan, Kieran, Sean McAuliffe, and Neasa DeBurca. 2012. “The Effects of Eccentric Training on Lower Limb Flexibility: A Systematic Review.” *British Journal of Sports Medicine* 46(12):838–45.

Outayanik, Boonlerst, Joana Carvalho, Andre Seabra, Edwin Rosenberg, Charoen Krabuanrat, Sakdipat Chalermputipong, Suriyan Suwankan, Nutthakritta Sirisophon, Pornthep Rachruthong, Warinthorn Thanak, and Pongtorn Sangwipark. 2017. “Effects of a Physical Activity Intervention Program on Nutritional Status and Health-Related Physical Fitness in Thai Older Adults: Pilot Study.” *Asian Journal of Sports Medicine* 8(1):1–9.

Palar, Chrisly M., Djon Wongkar, and Shane H. R. Ticoalu. 2015. “Manfaat Latihan Olahraga Aerobik Terhadap Kebugaran Fisik Manusia.” *Jurnal E-Biomedik (EBm)* 3(1):316–21.

Pangemanan, Damajanty H. C., Joice N. A. Engka, and Siantan Supit. 2013. “Gambaran Kekuatan Otot Dan Fleksibilitas Sendi Ekstremitas Atas Dan Ekstremitas Bawah Pada Siswa/I Smkn 3 Manado.” *Jurnal Biomedik (Jbm)* 4(3):109–18.

- Patel, Harsh, Hassan Alkhawam, Raef Madanieh, Niel Shah, Constantine E. Kosmas, and Timothy J. Vittorio. 2017. "Aerobic vs Anaerobic Exercise Training Effects on the Cardiovascular System." *World Journal of Cardiology* 9(2):134–38.
- PERMENKES. 2015. "Permenkes RI No 65." 1–54.
- Prasetyo, Yudik, Muchsin Doewes, Noer Rahma, and Sapja Anantanyu. 2017. "Effects of Aerobic Exercise and Weight Training-Aerobic towards Physical Fitness of Elderly Hajj Candidates." *International Journal on Advanced Science, Engineering and Information Technology* 7(1):106–17.
- Prativi, Gilang Okta, Soegiyanto, and Sutardji. 2013. "Pengaruh Aktivitas Olahraga Terhadap Kebugaran Jasmani." *JSSF (Journal of Sport Science and Fitness)* 2(3):32–36.
- Pribadi, Agus. 2015. "Pelatihan Aerobik Untuk Kebugaran Paru Jantung Bagi Lansia." *Jurnal Olahraga Prestasi* 11(2):64–76.
- Pusat Kesehatan Haji Kemenkes RI. 2019. *Profil Kesehatan Indonesia 2018 [Indonesia Health Profile 2018]*.
- Ramos, Raphael Miranda, Hélio José Coelho-Júnior, Ricardo Yukio Asano, Raul Cosme Ramos Prado, Rodrigo Silveira, Christiano Bertoldo Urtado, Leonardo Coelho Rabello de Lima, Samuel da Silva Aguiar, Jonato Prestes, Alexandre Igor Araripe Medeiros, Bruno Rodrigues, and Claudio de Oliveira Assumpção. 2019. "Impact of Moderate Aerobic Training on Physical Capacities of Hypertensive Obese Elderly." *Gerontology and Geriatric Medicine* 5:1–9.
- Ratnasari, Dian Kartika, and Komarudin. 2015. "Pengaruh Latihan Power Lengan Menggunakan Model Latihan Plyometric Dan Weight Training Terhadap Hasil Lempar Lembing." *Jurnal Kepelatihan Olahraga* 7(2):99–108.
- Roma, Maria Fernanda Bottino, Alexandre Leopold Busse, Rosana Aparecida Betoni, Antonio Cesar de Melo, Juwando Kong, Jose Maria Santarem, and Wilson Jacob Filho. 2013. "Effects of Resistance Training and Aerobic Exercise in Elderly People Concerning Physical Fitness and Ability: A Prospective Clinical Trial." *Einstein (São Paulo, Brazil)* 11(2):153–57.
- Sadjaah, Edja. 2006. "Penguasaan Keterampilan Menari Melalui Latihan Kelenturan Gerak Pada Anak Tunarungu (Pemanfaatan Waktu Luang Dalam Pendidikan Luar Sekolah)." *Mimbar Pendidikan* 25(1):54–61.
- Saygin, Ozcan. 2015. "Long-Term Walking Exercise May Affect Some Physical Functions in the Elderly." *Studies on Ethno-Medicine* 9(3):379–84.

- Sbardelotto, Mari L., Rochelle R. Costa, Karine A. Malysz, Giulia S. Pedroso, Bárbara C. Pereira, Helen R. Sorato, Paulo C. L. Silveira, Renata T. Nesi, Antônio J. Grande, and Ricardo A. Pinho. 2019. "Improvement in Muscular Strength and Aerobic Capacities in Elderly People Occurs Independently of Physical Training Type or Exercise Model." *Clinics* 74(7).
- Sepriadi, Sefri Hardiansyah, and Hilmainur Syampurma. 2017. "Perbedaan Tingkat Kesegaran Jasmani Berdasarkan Status Gizi." *Jurnal Media Ilmu Keolahragaan Indonesia* 7(1):24–34.
- Sharkey, B., and S. Gaskill. 2009. *Fitness and Work Capacity 2009 Edition*.
- Sherwood, Lauralee. 2014. *Introduction To Human Physiology (Fisiologi Manusia Dari Sel Ke Sistem)*. 8th ed. edited by B. U. Pendit, H. O. Ong, A. A. Mahode, and D. Ramadhani. Jakarta: EGC.
- Shoukat, Halima, Hafiz Sheraz Arshad, Faiza Sharif, Arooj Fatima, and Filza Shoukat. 2017. "Effects of Different Stretching Times on Range of Motion in Patients with Hamstring Tightness: A Randomised Control Trial." *Annals of King Edward Medical University* 23(4):554–59.
- Stephens, James, Joshua Davidson, Joseph DeRosa, Michael Kriz, and Nicole Saltzman. 2006. "Lengthening the Hamstring Muscles Without Stretching Using 'Awareness Through Movement.'" *Physical Therapy* 86(12):1641–50.
- Suhaimi, Muhammad Zuhaili. 2018. "Comparison of Health-Related Fitness between Male Students of Exercise and Sports Science Program and Students of Other Programs in Universiti Sains Malaysia." *International Journal of Business and Social Science* 9(2):153–63.
- Suharti. 2016. "Perkembangan Gerak: Kelentukan (Flexibility)." *Jurnal Pendidikan Olahraga Dan Kesehatan "GELORA"* 3(2):519–25.
- Suparwati, Komang Tri Adi, I. Made Muliarta, and Muhammad Irfan. 2017. "Senam Tai Chi Lebih Efektif Meningkatkan Fleksibilitas Dan Keseimbangan Daripada Senam Bugar Lansia Pada Lansia Di Kota Denpasar." *Sport and Fitness Journal* 5(1):82–93.
- Suryati, Ida, Dia Resti, and Ririn Khairina. 2017. "Kombinasi Stretching Active Dan Brisk Walking Terhadap Penurunan Tekanan Darah Klien Hipertensi STIKes Perintis Padang Email : Idasuryati53@yahoo.Co.Id Bentuk Moderate Exercise Pada Pasien Hipertensi Dengan Menggunakan Tehnik Jalan Cepat Selama 15-30 Meni." *Jurnal Kesehatan Perintis* 4(2):55–60.
- Tanzila, Raden ayu, Liza Chairani, and Shinta anggiah Prawesti. 2018. "Pengaruh Latihan Aerobik Terhadap Kebugaran Kardiorespirasi Pada Siswa SMP Di Palembang." *Proceeding APKKM 6 FK Universitas Muhammadiyah Surabaya* 14–22.

- Vasconcelos, Karina S. S., João M. D. Dias, Marília C. Araújo, Ana C. Pinheiro, Bruno S. Moreira, and Rosângela C. Dias. 2016. "Effects of a Progressive Resistance Exercise Program with High-Speed Component on the Physical Function of Older Women with Sarcopenic Obesity: A Randomized Controlled Trial." *Brazilian Journal of Physical Therapy* 20(5):432–40.
- Vitalistyawati, Luh Putu Ayu, Marti Rustanti, Yoni Rustiana, and . Suhardi. 2019. "Pengaruh Pemberian Senam Yoga Terhadap Fleksibilitas Trunk Pada Wanita Dewasa Umur 30-45 Tahun." *Jurnal Kesehatan Terpadu* 3(1):26–36.
- Vogt, Michael, and Hans H. Hoppeler. 2014. "Eccentric Exercise: Mechanisms and Effects When Used as Training Regime or Training Adjunct." *Journal of Applied Physiology* 116(11):1446–54.
- Wu, Li Ling, Kuo Ming Wang, Po I. Liao, Yu Hsiu Kao, and Yi Ching Huang. 2015. "Effects of an 8-Week Outdoor Brisk Walking Program on Fatigue in Hi-Tech Industry Employees." *Workplace Health and Safety* 63(10):436–45.
- Yang, F., and M. Peitz. 2020. *How to Do Weighted Step-Up Instructions Steps*.