

DAFTAR PUSTAKA

- Almaini, Sumarni, T., Mulyadi, & Khoirini, F. (2023). The Regular Gymnastics Program On The Quality Of Life For Elderly People With Hypertension. *Malahayati International Journal of Nursing and Health Science*, 6(1), 60–69. <https://doi.org/10.33024/minh.v6i1.10265>
- American College of Sports Medicine, Liguori, G., Feito, Y., Fountaine, C. J., & Roy, B. (Eds.). (2022). *ACSM's Guidelines For Exercise Testing And Prescription* (Eleventh edition). Wolters Kluwer.
- American Heart Association. (2024a). American Heart Association Recommendations for Physical Activity in Adults and Kids. *American Heart Association*. <https://www.heart.org/en/healthy-living/fitness/fitness-basics/aha-recs-for-physical-activity-in-adults>
- American Heart Association. (2024b). *Blood Pressure Measurement Instructions*. American Heart Association.
- Anggraeni, D. N., Miskiyah, F., & Priyanti, S. M. (2022). Anti Hypertension Exercise as a Non-Pharmacological Management Effort of the Elderly With Hypertension. *Jurnal Abdimas Madani*, 4(2), 104–109. <https://doi.org/10.36569/abdimas.v4i2.107>
- Badan Pembinaan Hukum Nasional. (1998). *Undang-Undang Republik Indonesia Nomor 13 tahun 1998 Tentang Kesejahteraan Lanjut Usia*.
- Badan Pusat Statistik. (2024). *Statistik Penduduk Lanjut Usia 2024* (Vol. 21). Badan Pusat Statistik.
- Badan Pusat Statistik Sleman. (2024a). *Kabupaten Sleman Dalam Angka* (Vol. 48). Badan Pusat Statistik Kabupaten Sleman.

- Badan Pusat Statistik Sleman. (2024b). *Kecamatan Minggir Dalam Angka* (Vol. 40). Badan Pusat Statistik Kabupaten Sleman.
- Baffour-Awuah, B., Man, M., Goessler, K. F., Cornelissen, V. A., Dieberg, G., Smart, N. A., & Pearson, M. J. (2023). Effect Of Exercise Training On The Renin–Angiotensin–Aldosterone System: A Meta–Analysis. *Journal of Human Hypertension*, 38(2), 89–101. <https://doi.org/10.1038/s41371-023-00872-4>
- Barrett, K. E., & Ganong, W. F. (2010). *Ganong's Review Of Medical Physiology* (23rd ed.). McGraw-Hill Medical.
- Bersaoui, M., Bisai, A., Baldew, S. M., Toelsie, J., Goessler, K., & Cornelissen, V. A. (2023). Can Postexercise Hypotension Also Be Observed In African And Asian Populations: A Systematic Review And Meta-Analysis Of Randomized Controlled Trials. *Journal of Human Hypertension*, 37(12), 1076–1085. <https://doi.org/10.1038/s41371-023-00844-8>
- Boki, J. & Kuswardani. (2023). The Effect Of Hypertension Gymnastics On Reducing Blood Pressure In Elderly. *Jurnal Ilmu Dan Teknologi Kesehatan STIKES Widya Husada*, 15(1), 19–23. <https://doi.org/10.33666/jitk.v15i1.610>
- Boltz, M. (2021). *Evidence-Based Geriatric Nursing Protocols for Best Practice* (E. A. Capezuti, D. Zwicker, & T. Fulme, Eds.; 6th ed.). Springer Publishing Company.
- Boutouyrie, P., Chowienzyk, P., Humphrey, J. D., & Mitchell, G. F. (2021). Arterial Stiffness and Cardiovascular Risk in Hypertension. *Circulation*

Research, 128(7), 864–886.

<https://doi.org/10.1161/CIRCRESAHA.121.318061>

Brady, T. M., Charleston, J., Ishigami, J., Miller III, E. R., Matsushita, K., & Appel, L. J. (2021). *Effects of Different Rest Period Durations Prior to Blood Pressure Measurement: The Best Rest Trial*. 78(5), 1511–1519.

<https://doi.org/10.1161/HYPERTENSIONAHA.121.17496>

Brandão Rondon, M. U. P., Alves, M. J. N. N., Braga, A. M. F. W., Teixeira, O. T.

U. N., Barretto, A. C. P., Krieger, E. M., & Negrão, C. E. (2002).

Postexercise blood pressure reduction in elderly hypertensive patients.

Journal of the American College of Cardiology, 39(4), 676–682.

[https://doi.org/10.1016/s0735-1097\(01\)01789-2](https://doi.org/10.1016/s0735-1097(01)01789-2)

Braz, N. F. T., Carneiro, M. V., Oliveira-Ferreira, F., Arrieiro, A. N., Amorim, F.

T., Lima, M. M. O., Avelar, N. C. P., Lacerda, A. C. R., & Peixoto, M. F.

D. (2012). Influence of aerobic training on cardiovascular and metabolic parameters in elderly hypertensive women. *International Journal of*

Preventive Medicine, 3(9), 652–659.

Brito, L., Azevêdo, L., Amaro-Vicente, G., Costa, L., Halliwil, J., Rondon, M., &

Forjaz, C. (2023). Evening but not Morning Aerobic-Training Improves

Sympathetic Nerve Activity and Sympathetic Baroreflex Sensitivity in

Treated Hypertension: A Randomized Clinical Trial. *Physiology*, 38(S1).

<https://doi.org/10.1152/physiol.2023.38.s1.5732828>

Bull, F. C., Ansari, S. S. A., Biddle, S., Borodulin, K., Buman, M. P., Cardon, G.,

& Carty, C. (2020). World Health Organization 2020 guidelines on

- physical activity and sedentary behaviour. *Br J Sports Med*, 54, 1451-1462.
- Cash, J. C. (2024). *Adult- Gerontology Practice Guidelines* (3rd ed.). Springer Publishing Company.
- Creswell, J. W. (2014). *Research Design: Qualitative, Quantitative, And Mixed Methods Approaches* (4. ed). SAGE.
- Dahlan, M. S. (2020). *Statistik untuk Kedokteran dan Kesehatan* (6th ed.). Epidemiologi Indonesia.
- De Andrade, P. E., Zangirolami-Raimundo, J., Morais, T. C., De Abreu, L. C., Siqueira, C. E., Sorpreso, I. C. E., Soares Júnior, J. M., & Raimundo, R. D. (2023). Cardiac Behavior and Heart Rate Variability in Elderly Hypertensive Individuals during Aerobic Exercise: A Non-Randomized Controlled Study. *International Journal of Environmental Research and Public Health*, 20(2), 1292. <https://doi.org/10.3390/ijerph20021292>
- Dharma, K. K. (2011). *Metodologi Penelitian Keperawatan*. CV. Trans Info Media.
- Dhiman, S., & Chourasia, A. (2024). Hypertension In The Elderly: Challenges In Management And Treatment. *International Journal of Research - GRANTHAALAYAH*, 12(9). <https://doi.org/10.29121/granthaalayah.v12.i9.2024.5769>
- Dinas Kesehatan Sleman. (2024). *Profil Kesehatan Sleman 2024*. www.dinkes.slemankab.go.id

- Diniyah, U. M., & Sudaryanto, A. (2023). *Pengaruh Senam Lansia terhadap Tekanan Darah pada Lansia dengan Hipertensi: Telaah Literature*. 4(2).
<https://doi.org/10.24853/mujg.4.2.173-180>
- Djaali. (2020). *Metodologi Penelitian Kuantitatif*. PT. Bumi Aksara.
- Donna, D. I., Workman, M. L., Rebar, C. R., & Heimgartner, N. M. (2020). *Medical-Surgical Nursing* (10th ed.). Elsevier.
- Donsu, J. (2020). *Metodologi Penelitian Keperawatan*. PT. Pustaka Baru.
- Edwards, J. J., Deenmamode, A. H. P., Griffiths, M., Arnold, O., Cooper, N. J., Wiles, J. D., & O'Driscoll, J. M. (2023). Exercise Training And Resting Blood Pressure: A Large-Scale Pairwise And Network Meta-Analysis Of Randomised Controlled Trials. *British Journal of Sports Medicine*, 57(20), 1317–1326. <https://doi.org/10.1136/bjsports-2022-106503>
- Efliani, D., Ramadia, A., & Hikmah, N. (2022). Efektifitas Senam Hipertensi Terhadap Penurunan Tekanan Darah Pada Lansia Di Upt Pstw Khusnul Khotimah Pekanbaru. *Jurnal Menara Medika*, 4(3), 183–191.
- Eliopoulos, C. (2018). *Gerontological Nursing* (Ninth edition). Wolters Kluwer.
- Elsa, M. I., & Yuniartika, W. (2025). Efektifitas Senam Hipertensi Terhadap Penurunan Tekanan Darah Pada Lansia Penderita Hipertensi: Literature Review. *Jurnal Ners*, 9(1), 243–249.
- Eviyanti. (2020). Pengaruh Senam Lansia Terhadap Penurunan Tekanan Darah Di Bpstw Sleman Yogyakarta 2020. *Jurnal Kesehatan Luwu Raya*, 7(1).
- Fadila, E., & Solihah, E. S. (2022). Literature Review Pengaruh Senam Lansia Terhadap Penurunan Tekanan Darah Pada Penderita Hipertensi. *MALAHAYATI NURSING JOURNAL*, 4(2), 462–474.

- Farinatti, P., Pescatello, L. S., Crisafulli, A., Taiar, R., & Fernandez, A. B. (2022). Editorial: Post-Exercise Hypotension: Clinical Applications and Potential Mechanisms. *Frontiers in Physiology*, 13, 899497.
<https://doi.org/10.3389/fphys.2022.899497>
- Farman, D., Syahputri, R., Marieta, S. G., & Siregar, P. S. (2021). Pengaruh Senam Lansia Terhadap Perubahan Tekanan Darah Pada Penderita Hipertensi. *Jurnal Penelitian Perawat Profesional*, 3(2), 347–358.
- Fitria, R., Yanti, E. F., Andria, Handayani, E. Y., & Wulandari, S. (2024). Pengaruh Senam Lansia Terhadap Hipertensi Pada Lansia Di Desa Rambah Samo Barat. *Health Care : Jurnal Kesehatan*, 13(2), 343–348.
- Glazier, J. J. (2022). Pathophysiology, Diagnosis, and Management of Hypertension in the Elderly. *International Journal of Angiology*, 31(04), 222–228. <https://doi.org/10.1055/s-0042-1759486>
- Google Maps. (2023). *Klinik dr. Siti Rahayu* [Map].
https://maps.app.goo.gl/CY4dUTMFJDSi3Kxu7?g_st=ac
- Grave, C., Bonaldi, C., Carcaillon-Bentata, L., Gabet, A., Halimi, J.-M., Tzourio, C., Béjot, Y., Torres, M. J., Steg, P. G., Durand Zaleski, I., Blacher, J., & Olié, V. (2025). Burden of Cardio-Cerebrovascular and Renal Diseases Attributable to Systolic Hypertension in France in 2021. *Hypertension*, 82(2), 357–369.
<https://doi.org/10.1161/HYPERTENSIONAHA.124.23760>
- Guccione, A. A., Wong, R. A., & Avers, D. (Eds.). (2012). *Geriatric Physical Therapy* (Third Edition). Elsevier Mosby.

- Hall, J. E., Hall, J. E., & Guyton, A. C. (2011). *Guyton And Hall Textbook Of Medical Physiology* (12. ed). Saunders, Elsevier.
- Hall, J. E., Hall, M. E., & Guyton, A. C. (2021). *Guyton And Hall Textbook Of Medical Physiology* (14th edition). Elsevier.
- Harding, M. M. (2023). *Lewis's Medical-Surgical Nursing* (12th ed.). Elsevier.
- Harmilah, H., Palestin, B., Ratnawati, A., Prayogi, A. S., & Susilo, C. B. (2021). Hypertension Exercise Videos Reduce Blood Pressure of Hypertension Patients. *Open Access Macedonian Journal of Medical Sciences*, 9(T4), 296–299. <https://doi.org/10.3889/oamjms.2021.6496>
- Helmi, A., Zakirullah, Z., Lina, L., Azwarni, A., Hayani, N., & Isneini, I. (2024). Elderly Gymnastics Affects Lowering Blood Pressure in Hypertension. *Journal Keperawatan*, 3(2), 150–160. <https://doi.org/10.58774/jourkep.v3i2.89>
- Hidayat, A. A. (2018). *Metodologi Penelitian Keperawatan dan Kesehatan*. Salemba Medika.
- Hinkle, J. L., Cheever, K. H., & Overbaugh, K. J. (2022). *Medical-Surgical Nursing* (15th ed.). Wolters Kluwer.
- Indrayani, T., Latifah, N. S., & Rifiana, A. J. (2022). Pengaruh Senam Terhadap Tekanan Darah Pada Lansia Dengan Hipertensi. *Jurnal Keperawatan*, 14(4), 1047–1052.
- Inriani, I., Narmawan, N., & Abadi, E. (2021). Pengaruh Senam Prolanis Terhadap Penurunan Tekanan Darah Pada Penderita Hipertensi di Wilayah Pesisir Puskesmas Soropia. *Health Information : Jurnal Penelitian*, 13(1), 1–10. <https://doi.org/10.36990/hijp.v13i1.232>

- Iswarabhuwana, I., Andayani, N. L. N., & Sugiritama, I. W. (2019). The Effects Of Ederly Gymnastics On The Blood Pressure Of Ederly With Hypertension In The Elderly Gymnastics Group In Pikat Village Klungkung. *Majalah Ilmiah Fisioterapi Indonesia*, 7(3), 30.
<https://doi.org/10.24843/MIFI.2019.v07.i03.p08>
- Jagadeesh, G., & Balakumar, P. (2015). *Pathophysiology and Pharmacotherapy of Cardiovascular Disease*. Springer International Publishing.
- Kasper, M. J., Carter, L., & Eaheart, B. (2022). Measurement and Interpretation of Blood Pressure for the Exercise Professional. *ACSM'S Health & Fitness Journal*, 26(2), 36–43. <https://doi.org/10.1249/FIT.0000000000000748>
- Kayce, B., Twiggs, J., & Olin, B. R. (2018). *Hypertension: The Silent Killer: Updated JNC-8 Guideline Recommendations*.
- Kazeminia, M., Daneshkhah, A., Jalali, R., Vaisi-Raygani, A., Salari, N., & Mohammadi, M. (2020). The Effect of Exercise on the Older Adult's Blood Pressure Suffering Hypertension: Systematic Review and Meta-Analysis on Clinical Trial Studies. *International Journal of Hypertension*, 2020, 1–19. <https://doi.org/10.1155/2020/2786120>
- Kementerian Kesehatan Republik Indonesia. (2018). GERMAS - Gerakan Masyarakat Hidup Sehat. *Kementerian Kesehatan*.
<https://ayosehat.kemkes.go.id/germas>
- Kementerian Kesehatan Republik Indonesia. (2019). *Masalah Hipertensi Di Indonesia*. <https://sehatnegeriku.kemkes.go.id/baca/rilis-media/20120507/073786/masalah-hipertensi-di-indonesia>

- Kementerian Kesehatan Republik Indonesia. (2022). *Kendalikan Hipertensi dengan gerakan PATUH*. <https://ayosehat.kemkes.go.id/kendalikan-hipertensi-dengan-gerakan-patuh#:~:text=Gerakan%20PATUH%20adalah%20sebuah%20gerakan,penanganan%20secara%20cepat%20dan%20tepat.>
- Kementerian Kesehatan Republik Indonesia. (2024). *Laporan Tematik Survei Kesehatan Indonesia (SKI) Tahun 2023: Potret Indonesia Sehat*. Kementerian Kesehatan RI.
- Kementerian Pemuda dan Olahraga (Director). (2020). *Senam Duilah Lansia* [Video recording]. <https://www.youtube.com/watch?v=h8XdQBGmODA>
- Kementerian Pemuda dan Olahraga. (2022). *Haornas 2022; Angka Kebugaran Masyarakat Masih Rendah, jadi PR Bersama*. Universitas Negeri Surabaya. <https://www.unesa.ac.id/haornas-2022-angka-kebugaran-masyarakat-masih-rendah-jadi-pr-bersama#:~:text=Ini%20bisa%20menjadi%20alarm.%20Berdasarkan,kategori%20tidak%20bugar%20mencapai%2076%25.>
- Kementrian Kesehatan Republik Indonesia. (2019). *Petunjuk Teknik Pos Pembinaan Terpadu (POSBINDU) Bagi Kader*.
- Kementrian Kesehatan Republik Indonesia. (2024). *Pedoman Pengendalian Hipertensi Di Fasilitas Kesehatan Tingkat Pertama 2024*.
- Kennedy, L., & Groenke, E. (2023). *Nursing In The Care Of Older Adults* (3rd ed.). F.A. Davis Publishing.
- Kennedy, L., Martin, L., & Groenke, E. (2019). *Advanced Practice Nursing in the Care of Older Adults* (2nd ed.). F. A. Davis Company.

- Kenney, W. L., Wilmore, J. H., & Costill, D. L. (2020). *Physiology Of Sport And Exercise* (Seventh edition). Human Kinetics.
- Kim, H.-L. (2023). Arterial Stiffness And Hypertension. *Clinical Hypertension*, 29(1), 31. <https://doi.org/10.1186/s40885-023-00258-1>
- Kotchen, T. A. (2022). Hypertension. In J. Loscalzo, A. Fauci, D. Kasper, S. Hauser, D. Longo, & J. Jameson (Eds.), *Harrison's Principles of Internal Medicine*. McGraw-Hill Education.
<https://accessmedicine.mhmedical.com/content.aspx?bookid=3095§ionid=265454202>
- Kumaat, N. A., Rohman, F., Sulistyarto, S., & Sulistyana, C. S. (2025). *Buku Ajar Olahraga Pada Lanjut Usia* (H. Wahyudi, Ed.). CV. EUREKA MEDIA AKSARA.
- Kurnia, E. V., Maulina, R., & Safitri, R. (2024). Pengaruh Senam Lansia Terhadap Penurunan Tekanan Darah Pada Wanita Menopause. *JURNAL ASUHAN IBU&ANAK*, 9(2), 51–58.
- Landis, J. R., & Koch, G. G. (1977). The Measurement of Observer Agreement for Categorical Data. *Biometrics*, 33(1), 159.
<https://doi.org/10.2307/2529310>
- Lewis, S. L., Dirksen, S. R., Heitkemper, M. M., & Bucher, L. (2013). *Medical-Surgical Nursing* (9th ed.). Elsevier.
- Li, Z., Lv, M., Li, Z., Gao, W., & Li, M. (2024). Physiological Characteristics Of Blood Pressure Responses After Combined Exercise In Elderly Hypertensive Patients: A Systematic Review And Meta-Analysis.

Frontiers in Cardiovascular Medicine, 11, 1404127.

<https://doi.org/10.3389/fcvm.2024.1404127>

Majid, Y. A., Wahyuni, & Dewi Pujianan. (2023). Pengaruh Senam Hipertensi Terhadap Tekanan Darah Lansia Penderita Hipertensi. *Jurnal Inspirasi Kesehatan*, 1(1), 65–71. <https://doi.org/10.52523/jika.v1i1.12>

Maksuk, & Yusneli, S. S. (2020). Pengaruh Senam Prolanis Dalam Menurunkan Tekanan Darah Pada Lansia Dengan Hipertensi. (*JPP*) *Jurnal Kesehatan Poltekkes Palembang*, 15(2), 99–105.

<https://doi.org/10.36086/jpp.v15i1.616>

Mallela, V. R., Pendurthi, A. K., Karumanchi, S., & Alam, K. C. (2023). Prevalence And Risk Factors Of Complications Related To Hypertension At A Tertiary Care Hospital. *Journal of Health Sciences Wolters Kluwer - Medknow*, 11(1), 70–75. https://doi.org/10.4103/mjhs.mjhs_36_22

Marsito, Yuwono, P., Ernawati, Waladani, B., & Suwaryo, P. A. W. (2024). Pemberdayaan Lansia Penderita Hipertensi Melalui Senam Sehat: Program Pengabdian Masyarakat Untuk Menurunkan Tekanan Darah. *Jurnal Batik Mu*, 2(4), 13–20.

Marsito, Yuwono, P., Ernawati, Waladani, B., & Widyaswara, P. A. (2024). Pemberdayaan Lansia Penderita Hipertensi Melalui Senam Sehat: Program Pengabdian Masyarakat Untuk Menurunkan Tekanan Darah. *Jurnal Batik Mu*, 2(4).

Mauk, K. L. (2013). *Gerontological Nursing* (3rd ed.). Jones & Bartlett Learning.

Meiner, S. E. (2015). *Gerontologic Nursing* (5th ed.). Elsevier.

Miguel, L. (2022). *Loneliness In Older Adults*. Elsevier.

- Miller, C. A. (2012). *Nursing for Wellness in Older Adults* (6th ed.). Wolters Kluwer.
- Mori, S., Kosaki, K., Matsui, M., Takahashi, K., Yoshioka, M., Tarumi, T., Sugawara, J., Shibata, A., Kuro-O, M., Saito, C., Yamagata, K., Oka, K., & Maeda, S. (2022). Sedentary Behavior Is Associated With Reduced Cardiovascular Baroreflex Sensitivity In Healthy Adults. *Hypertension Research*, 45(7), 1193–1202. <https://doi.org/10.1038/s41440-022-00904-5>
- Murwani, A., Ashar, H., & Budiayati, G. (2023). The Effect Of Hypertension Exercise On Blood Pressure In The Elderly: Experimental Quasy Study. *Biomolecular and Health Science Journal*, 6(1), 1. https://doi.org/10.4103/bhsj.bhsj_37_22
- Norfai. (2021). *Analisis Data Penelitian*. Qiara Medika.
- Persatuan Perawat Nasional Indonesia. (2018). *Standar Intervensi Keperawatan Indonesia* (1st ed.). DPP PPNI.
- Pescatello, L. S. & American College of Sports Medicine (Eds.). (2018). *ACSM's Guidelines For Exercise Testing And Prescription* (9. ed). Wolters Kluwer/Lippincott Williams & Wilkins.
- Piercy, K. L., Polster, M., Macias, B., & Bjerke, A. V. (2024). *Physical Activity in Older Adults: What Every Internist Needs to Know*. 12–22. <https://doi.org/10.1177/15598276241249681>
- Polit, D. F., & Beck, C. T. (2018). *Essentials of Nursing Research: Appraising Evidence for Nursing Practice* (Ninth edition). Wolters Kluwer.
- Potter, P. A., Perry, A. G., Stockert, P. A., Hall, A. M., & Ostendorf, W. R. (2016). *Fundamentals of Nursing* (9th ed.). Elsevier.

Purnomo, W. S. (2024). Jumlah Penduduk Lansia Sleman Tertinggi di Indonesia.

Radio Republik Indonesia.

<https://rri.co.id/yogyakarta/daerah/746014/jumlah-penduduk-lansia-sleman-tertinggi-di-indonesia>

R Nur Abdurakhman, Abas Hidayat, Didi Taswidi, & Alifa Romadoni. (2022).

Effect Of Hypertension Exercise On Blood Pressure In The Elderly. *World Journal of Advanced Research and Reviews*, 13(3), 491–495.

<https://doi.org/10.30574/wjarr.2022.13.3.0269>

Ramadhani, A. I., & Santik, Y. D. P. (2022). Pengaruh Senam Lansia Terhadap

Tekanan Darah Penderita Hipertensi. *Indonesian Journal of Public Health and Nutrition*, 2(1), 1–6. <https://doi.org/10.15294/ijphn.v2i1.50185>

Ratovoson, R., Duthé, G., Mangahasimbola, R., Rakotomalala, P.,

Soaniainamampionona, A., Piola, P., & Randremanana, R. V. (2025).

Impact Of Hypertension On Mortality In Adults In Moramanga,

Madagascar: A Retrospective Cohort Study In The Community. *BMC*

Public Health, 25(1), 992. <https://doi.org/10.1186/s12889-025-22171-y>

Riset Kesehatan Dasar. (2019). *Laporan Provinsi DI Yogyakarta Riskesdas 2018*.

Badan Penelitian dan Pengembangan Kesehatan.

Rizki, R. A., Afkarina, D., Maulita, F. R., Sutanto, T., & Putra, A. J. P. (2023).

Blood Pressure Control Program Through the Implementation of

Hypertension Exercise. *JEUMPA: Jurnal Pengabdian Kepada*

Masyarakat, 2(2), 14–22.

- Safarina, L., Fuji, N., & Pragholapati, A. (2022). Senam Lansia Terhadap Tekanan Darah Pada Lansia Dengan Hipertensi. *Jurnal Keperawatan Silampari*, 5(2), 1284–1291. <https://doi.org/10.31539/jks.v5i2.3458>
- Samudra, P. H. B., & Barnawi, S. R. (2021). Pengaruh Senam Hipertensi terhadap Tekanan Darah pada Komunitas Lansia Desa Petir Kecamatan Kalibagor, Banyumas. *SAINTEKS*, 18(1), 87–93.
- Sari, D. J. E., & Mardiana, M. (2021). Pengaruh Senam Bugar Lansia Terhadap Tekanan Darah Pada Lansia Dengan Hipertensi Di Puskesmas Burneh Bangkalan. *Indonesian Journal of Professional Nursing*, 1(2), 19. <https://doi.org/10.30587/ijpn.v1i2.2303>
- Sari, N. W., & Anggarawati, T. (2021). Pengaruh Senam Lansia Terhadap Tekanan Darah Pada Lansia Penderita Hipertensi Di Masyarakat. *JURNAL PKMSISTHANA*, 3(2), 21–24.
- Sarwoko, S. (2020). Pengaruh Senam Lansia Terhadap Tekanan Darah Pada Pasien Hipertensi Puskesmas. *Lentera Perawat*, 1(2), 114–120.
- Schneider, V. M., De Abreu, R. F., Tanaka, H., & Ferrari, R. (2024). Post-Exercise Hypotension After Different Volumes Of Combined Calisthenic And Walking Exercises In Older Adults With Hypertension: A Randomized Controlled Trial. *Journal of Human Hypertension*, 39(1), 22–28. <https://doi.org/10.1038/s41371-024-00972-9>
- Schneider, V. M., Domingues, L. B., Umpierre, D., Tanaka, H., & Ferrari, R. (2023). Exercise Characteristics And Blood Pressure Reduction After Combined Aerobic And Resistance Training: A Systematic Review With

- Meta-Analysis And Meta-Regression. *Journal of Hypertension*, 41(7), 1068–1076. <https://doi.org/10.1097/HJH.00000000000003455>
- Sherwood, L. (with Cengage Learning (Firm)). (2013). *Human Physiology: From Cells To Systems* (8th ed). Brooks/Cole, Cengage Learning.
- Smeltzer, S. C., Hinkle, J. L., Bare, B. G., & Cheever, K. H. (Eds.). (2010). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing* (12th edition, Vol. 2). Wolters Kluwer/Lippincott Williams & Wilkins.
- Sulistiyana, C. S., Solikah, N. L., Eureka, S., Dwi, Y., Comdeca, N., Wijayanti, K., Fauzi, A., Christianingsih, S., & Kusuma, B. (2024). *Aktivitas Fisik Dalam Kesehatan*. CV. EUREKA MEDIA AKSARA.
- Tada, A. (2018). Psychological Effects Of Exercise On Community-Dwelling Older Adults. *Clinical Interventions in Aging, Volume 13*, 271–276. <https://doi.org/10.2147/cia.s152939>
- Taha, M. M., & Mounir, K. M. (2019). Acute Response Of Serum Cortisol To Different Intensities Of Resisted Exercise In The Elderly. *Bulletin of Faculty of Physical Therapy*, 24(1), 20–25. https://doi.org/10.4103/bfpt.bfpt_13_18
- Taslim, R., & Wulaningsih, D. (2021). *Metodologi Penelitian Kesehatan*. CV. Andi Offset.
- Tiara, E., & Hartutik, S. (2023). Penerapan Senam Lansia Terhadap Tekanan Darah Pada Lansia Dengan Hipertensi Di Kelurahan Banyuanyar. *Jurnal Ilmu Kesehatan Mandira Cendikia*, 2(9), 398–405.
- Toronto Rehabilitation Institute. (2018). *A Guide to Help You Live and Thrive with Cardiovascular Disease*. University Health Network.

- Trindade, C. O., Oliveira, E. C., Coelho, D. B., Casonatto, J., & Becker, L. K. (2022). Effects of Aquatic Exercise in Post-exercise Hypotension: A Systematic Review and Meta-Analysis. *Frontiers in Physiology*, 13, 834812. <https://doi.org/10.3389/fphys.2022.834812>
- Unger, T., Borghi, C., Charchar, F., Khan, N. A., Poulter, N. R., Prabhakaran, D., Ramirez, A., Schlaich, M., Stergiou, G. S., Tomaszewski, M., Wainford, R. D., Williams, B., & Schutte, A. E. (2020). *2020 International Society of Hypertension Global Hypertension Practice Guidelines*. <https://www.ahajournals.org/journal/hyp>
- United Nations. (2020). *World Population Ageing 2020 Highlights*. <https://www.un.org/development/desa/pd/>
- United Nations. (2021). *Tema 2024: Menua dengan Bermartabat: Pentingnya Memperkuat Sistem Perawatan dan Dukungan bagi Lansia di Seluruh Dunia* [Dataset]. <https://www.un.org/en/observances/older-persons-day>
- United Nations. (2024). *World Population Prospects 2024*.
- United Nations Department of Economic and Social Affairs, Population Division. (2022). *World Population Prospects 2022*.
- United Nations Fund for Population Activities. (2023). *8 Billion Lives, Infinite Possibilities The Case For Rights And Choices*.
- United Nations Population Fund. (2024). Ageing. *United Nations Population Fund*. https://www-unfpa-org.translate.google/ageing?_x_tr_sl=en&_x_tr_tl=id&_x_tr_hl=id&_x_tr_pto=sge#:~:text=Dunia%20menua%20dengan%20cepat,tren%20ini%20akan%20terus%20meluas.

- U.S. Department of Health and Human Services. (2018). *Physical Activity Guidelines for Americans* (2nd ed.). Department of Health and Human Services.
- Valente, do B., Jaspers, & Wüst, R. C. (2021). Regular physical exercise mediates the immune response in atherosclerosis. *VU Research Portal*, 27, 42–53.
- Vergallo, R., & Liuzzo, G. (2023). Intravascular Imaging To Guide Percutaneous Coronary Intervention Of Complex Lesions: Time To Renovate Guidelines? *European Heart Journal*, 44(24), 2157–2158.
<https://doi.org/10.1093/eurheartj/ehad243>
- Veri, N., Faisal, I., Khaira, N., Emilda, A., Magfirah, M., Mutiah, C., Henniwati, H., Lajuna, L., & Sari, Y. (2022). *Regular Gymnastics for Three Weeks Lowers Blood Pressure and Cholesterol Levels in Older Women*. 76(1), 45–48. <https://doi.org/doi:10.5455/medarh.2022.76.45-48>
- Wagner, C. M., Butcher, H. K., & Clarke, M. F. (Eds.). (2024). *Nursing Interventions Classification (NIC)* (Eighth edition). Elsevier.
- William, P. A. (2023). *Basic Geriatric Nursing* (8th ed.). Elsevier.
- Williams, B., Mancia, G., Spiering, W., Rosei, E. A., Azizi, M., Burnier, M., & Clement, D. L. (2019). Corrigendum to: 2018 ESC/ESH Guidelines For The Management Of Arterial Hypertension. *European Heart Journal*, 40(5), 475–475. <https://doi.org/10.1093/eurheartj/ehy686>
- World Health Organization. (2007). *Global Age-friendly Cities: A Guide*.
- World Health Organization. (2009). *Global Health Risk*. World Health Organization.
- World Health Organization. (2015). *World Report On Ageing And Health*.

- World Health Organization. (2018). *Be Healthy Be Mobile*.
- World Health Organization. (2020). *WHO Guidelines On Physical Activity And Sedentary Behaviour*. World Health Organization.
- World Health Organization. (2021). *UN Decade of Healthy Ageing: Plan of Action*.
- World Health Organization. (2024). *Hari Hipertensi Sedunia 2024: Ukur Tekanan Darah Anda Secara Akurat, Kendalikan, Hidup Lebih Lama*. https://www-who-int.translate.goog/srilanka/news/detail/17-05-2024-world-hypertension-day-2024--measure-your-blood-pressure-accurately--control-it--live-longer?_x_tr_sl=en&_x_tr_tl=id&_x_tr_hl=id&_x_tr_pto=sge#:~:text=Se cara%20global%2C%20hampir%201%20dari,di%20antara%20pria%20dan%20wanita.
- Yilun, L., Cao, Y., Ding, M., Li, G., Han, X., Zhou, S., Wuyang, H., Luo, X., Zhang, J., & Jiang, J. (2022). Non-Pharmacological Interventions For Older Patients With Hypertension: A Systematic Review And Network Meta-Analysis. *Geriatric Nursing*, 47, 71–80.
<https://doi.org/10.1016/j.gerinurse.2022.06.015>
- Yunding, J., Megawaty, I., & Aulia, A. (2021). Efektivitas Senam Lansia Terhadap Penurunan Tekanan Darah: Literature Review. *BORNEO NURSING JOURNAL (BNJ)*, 3(1), 23–33.
- Zhang, Y., Lacolley, P., Protogerou, A. D., & Safar, M. E. (2020). Arterial Stiffness in Hypertension and Function of Large Arteries. *American*

Journal of Hypertension, 33(4), 291–296.

<https://doi.org/10.1093/ajh/hpz193>

Zhou, D., Xi, B., Zhao, M., Wang, L., & Veeranki, S. P. (2018). Uncontrolled Hypertension Increases Risk Of All-Cause And Cardiovascular Disease Mortality In US Adults: The NHANES III Linked Mortality Study. *Scientific Reports*, 8(1), 9418. <https://doi.org/10.1038/s41598-018-27377-2>

Zulaika, S. (2022). *Pengaruh Senam Lansia Terhadap Tekanan Darah Pada Penderita Hipertensi Di RSUD Siti Fatimah Provinsi Sumatera Selatan Tahun 2022*. SEKOLAH TINGGI ILMU KESEHATAN BINA HUSADA PALEMBANG.