

## DAFTAR RUJUKAN

1. Sutoto. Digital health care in novation in hospital and hospital accreditation in the era of industrial revolution 4.0. In: Digital Healthcare Innovation In Hospital And Hospital Accreditation In The Era Of Industrial Revolution 4 0 (n.d) [Internet]. Jakarta; 2019. Available from: <https://www.scribd.com/document/421723649/Dr-Sutoto-Pleno-Digital-Health-Care-Innovation-in-Hospital-Accreditation-342-1>
2. Nuari NA, Widayati D. Gangguan pada sistem perkemihan & penatalaksanaan keperawatan [Internet]. Deepublish; 2017. Available from: [https://books.google.co.id/books?hl=id&lr=&id=EbDWDgAAQBAJ&oi=fnd&pg=PR6&dq=Nuari+NA,+Widayati+D.+Gangguan+pada+sistem+perk emihan+%26+penatalaksanaan+keperawatan.+Deepublish%3B+2017&ots =HmVVwsA1JN&sig=96eY4IXka9hm8\\_ksb3SF1iaslt0&redir\\_esc=y#v=onepage&q=Nu](https://books.google.co.id/books?hl=id&lr=&id=EbDWDgAAQBAJ&oi=fnd&pg=PR6&dq=Nuari+NA,+Widayati+D.+Gangguan+pada+sistem+perk emihan+%26+penatalaksanaan+keperawatan.+Deepublish%3B+2017&ots =HmVVwsA1JN&sig=96eY4IXka9hm8_ksb3SF1iaslt0&redir_esc=y#v=onepage&q=Nu)
3. Wardana TW. Perancangan Alat Pendeteksi Suara Paru-Paru. Politeknik Negeri Sriwijaya [Internet]. Politeknik Negeri Sriwijaya; 2019. Available from: <https://jurnal.polsri.ac.id/index.php/teknika/article/view/2115>
4. McLane I, Emmanouilidou D, West JE, Elhilali M. Design and Comparative Performance of a Robust Lung Auscultation System for Noisy Clinical Settings. *IEEE J Biomed Heal Informatics* [Internet]. 2021;25(7):2583–94. Available from: <https://doi.org/10.1109%2FJBHI.2021.3056916>
5. Uppal A, Silvestri DM, Siegler M, Natsui S, Boudourakis L, Salway RJ, et

- al. Critical Care And Emergency Department Response At The Epicenter Of The COVID-19 Pandemic: New York City's public health system response to COVID-19 included increasing the number of intensive care units, transferring patients between hospitals, and suppl. Health Aff. 2020;39(8):1443–9.
6. Barnett CF, O'Brien C, De Marco T. Critical care management of the patient with pulmonary hypertension. Eur Hear Journal Acute Cardiovasc Care [Internet]. 2022 Jan 1;11(1):77–83. Available from: <https://doi.org/10.1093/ehjacc/zuab113>
  7. Mills GA, Nketia TA, Oppong IA, Kaufmann EE. Wireless digital stethoscope using bluetooth technology. Int J Eng Sci Technol. 2012;4(08).
  8. Kalinauskienė E, Razvadauskas H, Morse DJ, Maxey GE, Naudžiūnas A. A comparison of electronic and traditional stethoscopes in the heart auscultation of obese patients. Med [Internet]. 2019;55(4). Available from: <https://doi.org/10.3390%2Fmedicina55040094>
  9. Zhang P, Wang B, Liu Y, Fan M, Ji Y, Xu H, et al. Lung auscultation of hospitalized patients with SARSCoV- 2 pneumonia via a wireless stethoscope. Int J Med Sci. 2021;18(6):1415–22.
  10. Utomo S. Valuasi Teknologi Terhadap Produk Alat Kesehatan Industri Manufaktur Sebagai Upaya Peningkatan Inovasi dan Daya Saing Menggunakan Metode TMCRL (Technology Manufacturing Commercialization Readiness Level).
  11. Firdaus M. Improving Patient Safety and Hospital Service Quality Through

- Electronic Medical Record: A Systematic Review. *J Adm Rumah Sakit Indones* [Internet]. 2020;6(1). Available from: <http://dx.doi.org/10.7454/arsi.v6i1.2880>
12. Hirosawa T, Harada Y, Ikenoya K, Kakimoto S, Aizawa Y, Shimizu T. The Utility of Real-Time Remote Auscultation Using a Bluetooth-Connected Electronic Stethoscope: Open-Label Randomized Controlled Pilot Trial. *JMIR mHealth uHealth* [Internet]. 2021 Jul;9(7):e23109. Available from: <https://doi.org/10.2196/2F23109>
  13. Gottlieb ER, Aliotta JM, Tammaro D. Comparison of analogue and electronic stethoscopes for pulmonary auscultation by internal medicine residents. *Postgrad Med J* [Internet]. 2018;94(1118):700–3. Available from: <https://doi.org/10.1136/postgradmedj-2018-136052>
  14. Sihombing RM, Tahulending PS, Agustine U, Rumerung CL, Hutapea AD, Manalu NV, et al. *Manajemen Keperawatan*. Yayasan Kita Menulis; 2021.
  15. Harvey D, Butler J, Groves J, Manara A, Menon D, Thomas E, et al. Management of perceived devastating brain injury after hospital admission: a consensus statement from stakeholder professional organizations. *Br J Anaesth*. 2018;120(1):138–45.
  16. Murthy S, Gomersall CD, Fowler RA. Care for critically ill patients with COVID-19. *Jama*. 2020;323(15):1499–500.
  17. Burton C, Fink P, Henningsen P, Löwe B, Rief W. Functional somatic disorders: discussion paper for a new common classification for research and clinical use. *Bmc Med*. 2020;18(1):1–7.

18. Bohula EA, Katz JN, Van Diepen S, Alviar CL, Baird-Zars VM, Park JG, et al. Demographics, care patterns, and outcomes of patients admitted to cardiac intensive care units: the Critical Care Cardiology Trials Network Prospective North American Multicenter Registry of Cardiac Critical Illness. *JAMA Cardiol.* 2019;4(9):928–35.
19. Menter T, Haslbauer JD, Nienhold R, Savic S, Hopfer H, Deigendesch N, et al. Postmortem examination of COVID-19 patients reveals diffuse alveolar damage with severe capillary congestion and variegated findings in lungs and other organs suggesting vascular dysfunction. *Histopathology.* 2020;77(2):198–209.
20. Doiron KA, Hoffmann TC, Beller EM. Early intervention (mobilization or active exercise) for critically ill adults in the intensive care unit. *Cochrane Database Syst Rev.* 2018;(3).
21. Singh Y, Villaescusa JU, da Cruz EM, Tibby SM, Bottari G, Saxena R, et al. Recommendations for hemodynamic monitoring for critically ill children—expert consensus statement issued by the cardiovascular dynamics section of the European Society of Paediatric and Neonatal Intensive Care (ESPNIC). *Crit Care.* 2020;24(1):1–13.
22. Baptista R, Silva H, Rocha M. Design and development of a digital stethoscope encapsulation for simultaneous acquisition of phonocardiography and electrocardiography signals: The smartheart case study. *J Med Eng Technol [Internet].* 2020;44(4):153–61. Available from: <https://doi.org/10.1080/03091902.2020.1757770>

23. Lakhe A, Sodhi I, Warriar J, Sinha V. Development of digital stethoscope for telemedicine. *J Med Eng Technol* [Internet]. 2016;40(1):20–4. Available from: <https://doi.org/10.3109/03091902.2015.1116633>
24. Muhajirin M, Ashari A. Perancangan Sistem Pengukur Detak Jantung Menggunakan Arduino Dengan Tampilan Personal Computer. *Inspir J Teknol Inf dan Komun* [Internet]. 2018;8(1):31–41. Available from: <http://dx.doi.org/10.35585%2Finspir.v8i1.2458>
25. Setiaji FD, Santoso D, Susilo D. Rekayasa Stetoskop Elektronik Dengan Kemampuan Analisis Bunyi Jantung. *Semantik* [Internet]. 2011;1(1). Available from: <http://publikasi.dinus.ac.id/index.php/semantik/article/view/35>
26. Nugroho MA, Sumaryo S, Estanto E. Desain Dan Implementasi Helm Pintar Dengan Fitur Bluetooth. *eProceedings Eng* [Internet]. 2019;6(2). Available from: <https://openlibrarypublications.telkomuniversity.ac.id/index.php/engineering/article/view/10348>
27. Zeadally S, Siddiqui F, Baig Z. 25 years of Bluetooth technology. *Futur Internet*. 2019;11(9):194.
28. Fariska MY. Sistem Kendali Lampu Rumah Menggunakan Bluetooth Berbasis Arduino [Internet]. *Prodi Teknik Informatika*; 2021. Available from: <http://repository.upbatam.ac.id/id/eprint/1199>
29. Rusdi M, Yani A. Sistem Kendali Peralatan Elektronik Melalui Media Bluetooth Menggunakan Voice Recognition. *JET (Journal Electr Technol*

- [Internet]. 2018;3(1):27–33. Available from: <https://jurnal.uisu.ac.id/index.php/jet/article/view/292>
30. Foche-Perez I, Ramirez-Payba R, Hirigoyen-Empanza G, Balducci-Gonzalez F, Simo-Reigadas FJ, Seoane-Pascual J, et al. An open real-time tele-stethoscopy system. *Biomed Eng Online* [Internet]. 2012;11(1):1–17. Available from: <https://doi.org/10.1186/1475-925X-11-57>
  31. Ritonga RN. Stetoskop Wireless Dengan Output Grafik Dan Suara Tampilpersonal Computer (PC) [Internet]. Poltekkes Kemenkes Surabaya; 2017. Available from: <http://repo.poltekkesdepkes-sby.ac.id/id/eprint/729>
  32. R. HH, Soegijoko S IE. Perancangan dan realisasi prototip stetoskop elektronik berbasis PC. *Itenas Libr* [Internet]. 2013;1–6. Available from: <http://lib.itenas.ac.id/kti/?p=1785>
  33. Prabowo GH, Mak'ruf MR, Sumber S, Soetjatie L, Utomo B. Perancangan Stetoskop Elektronik Portable. *J Teknokes* [Internet]. 2019;12(1):39–44. Available from: <http://teknokes.poltekkesdepkes-sby.ac.id/index.php/Teknokes/article/view/19>
  34. Pratiwi ED, Haryati S, Syarif N. Pengaruh Variasi Binder, Elektrolit dan Pemakaian Emulsi terhadap Kinerja Baterai Litium Ion Berbasis Karbon Batang Kangkung Air (*Ipomoea Aquatica*). *Syntax Lit J Ilm Indones* [Internet]. 2022;7(2):2563–77. Available from: <http://dx.doi.org/10.36418/syntax-literate.v7i2.6308>
  35. Busono P. Ekstraksi Ciri Sinyal Suara Jantung. In: *Prosiding Seminar Nasional Instrumentasi, Kontrol Dan Otomasi* [Internet]. 2018. p. 139–44.

Available from: <http://journal.citaitb.com/sniko/article/view/98>

36. Talley NJ, O'Connor S. Clinical examination: a systematic guide to physical diagnosis. Elsevier Health Sciences; 2013.
37. Dharmawan Dk, Raharjo Am, Supangat S, Kusumastuti I, Abrori C, Hairrudin H, et al. Perangkat Pembelajaran Audiovisual Pemeriksaan Fisik paru [Internet]. Fakultas Kedokteran-UNEJ; Available from: <http://repository.unej.ac.id/handle/123456789/102729>
38. Mondal H, Mondal S, Saha K. Development of a low-cost wireless phonocardiograph with a Bluetooth headset under resource-limited conditions. Med Sci [Internet]. 2018;6(4):117. Available from: <https://doi.org/10.3390/medsci6040117>
39. Vasudevan RS, Horiuchi Y, Torriani FJ, Cotter B, Maisel SM, Dadwal SS, et al. Persistent Value of the Stethoscope in the Age of COVID-19. Am J Med [Internet]. 2020;133(10):1143–50. Available from: <https://doi.org/10.1016/j.amjmed.2020.05.018>
40. Khan S, Parkinson S, Grant L, Liu N, Mcguire S. Biometric systems utilising health data from wearable devices: applications and future challenges in computer security. ACM Comput Surv [Internet]. 2020;53(4):1–29. Available from: <https://doi.org/10.1145/3400030>
41. Mugo DG, Njagi K, Chemwei B, Motanya JO. The technology acceptance model (TAM) and its application to the utilization of mobile learning technologies. 2017; Available from: <http://repository.must.ac.ke/handle/123456789/385>

42. Miller JH. Technological Competency as Caring in Nursing: A Model for Practice. *AORN J* [Internet]. 2007;85(2):428–9. Available from: [https://doi.org/10.1016/S0001-2092\(07\)60056-8](https://doi.org/10.1016/S0001-2092(07)60056-8)
43. Lim-Saco F. Philosophical and contextual issues in nursing theory development concerning technological competency as caring in nursing. *J Med Investig* [Internet]. 2019;66(1.2):8–11. Available from: <https://doi.org/10.2152/jmi.66.8>
44. Locsin RC. Technological competency as caring in nursing: A model for practice. Sigma Theta Tau International Indianapolis, IN; 2005.
45. Adiputra, I. M. et al. *Metodologi Penelitian Kesehatan*. Medan: Yayasan Kita Menulis; 2021.
46. SaitÇüm. Examining the Discrimination of Binary Scored Test Items with ROC Analysis. *Journal*. 2021;8(4):948–58.
47. Siyoto S, Sodik MA. *Dasar metodologi penelitian. literasi media publishing*; 2015.
48. Etikan I, Musa SA, Alkassim RS. Comparison of convenience sampling and purposive sampling. *Am J Theor Appl Stat* [Internet]. 2016;5(1):1–4. Available from: doi:10.11648/j.ajtas.20160501.11
49. Olonite OA. *Olonite Sampling Technique and Taro Yamane Sampling Method: The Paradigm Shift*. Available SSRN. 2021;
50. Sugiyono PD. *Metode Penelitian Pendidikan: Pendekatan Kuantitatif, Kualitatif, R&D (Cetakan Ke)*. Bandung CV Alf. 2017;
51. Pollock III PH, Edwards BC. *The essentials of political analysis*. Cq Press;

- 2019.
52. Andersson U, Cuervo-Cazurra A, Nielsen BB. Explaining interaction effects within and across levels of analysis. In: Research methods in international business. Springer; 2020. p. 331–49.
  53. Pandey P, Pandey MM. Research methodology tools and techniques. Bridge Center; 2021.
  54. Hegde MN, Salvatore AP. Clinical research in communication disorders: Principles and strategies. Plural Publishing; 2019.
  55. Ozag D, Duguma B. The relationship between cognitive processes and perceived usefulness: An extension of TAM2. In Proceedings of 23rd Annual Organizational Systems Research Association Conference. Pittsburgh: Pennsylvania 2004.
  56. Ismail S, Hapsari RT. Perspektif Perawat Tentang Penggunaan Teknologi Robot Dalam Perawatanpasien Di Ruang Perawatan Intensif. *J Perawat Indones.* 2020;4(2):424–31.
  57. Santoso S. Panduan lengkap SPSS versi 23. Elex Media Komputindo; 2016.
  58. Riyanto A. Pengolahan dan analisis data kesehatan. Yogyakarta Nuha Med. 2009;45–9.
  59. Bertani A, Di Paola G, Russo E, Tuzzolino F. How to describe bivariate data. *J Thorac Dis.* 2018;10(2):1133–7.
  60. dr. Hardisman M. Penelitian Diagnostik dan Prognostik: Langkah Praktis Analisis Data dengan Program JAMOVI, IBM-SPSS , dan STATA [Internet]. Prenada Media; 2021. Available from:

<https://books.google.co.id/books?id=JWc4EAAAQBAJ>

61. Parikh R, Mathai A, Parikh S, Chandra Sekhar G, Thomas R. Understanding and using sensitivity, specificity and predictive values. *Indian J Ophthalmol*. 2008;56(1):45–50.
62. Maskoen TT, Masthura A. Nilai Area Under Curve dan Akurasi Neutrophil Gelatinase Associated Lipocalin untuk Diagnosis Acute Kidney Injury pada Pasien Politrauma di Instalasi Gawat Darurat RSUP dr . Hasan Sadikin Bandung Value of Area Under Curve and Accuracy Neutrophil Gelatinas. *Maj Anest dan Crit Care [Internet]*. 2017;35(3):158–64. Available from: <http://journal.perdatin.org/index.php/macc/article/view/102>
63. Nurhayati N, Arif YWT, Hidayah IN. Analisis Tingkat Penerimaan Pengguna Terhadap Teknologi Sistem Informasi Rekam Medis Di PKU Muhammadiyah Karanganyar. *SMIKNAS*. 2019;258–68.
64. Utami NW, Uly Agustine U, Ros Endah Happy P R. Etika keperawatan dan keperawatan profesional. Kementerian Kesehatan Republik Indonesia; 2016.
65. Hirosawa T, Harada Y, Ikenoya K, Kakimoto S, Aizawa Y, Shimizu T. The utility of real-time remote auscultation using a bluetooth-connected electronic stethoscope: Open-label randomized controlled pilot trial. *JMIR mHealth uHealth [Internet]*. 2021;9(7):1–11. Available from: <https://doi.org/10.2196/2F23109>
66. Butcher HK, Bulechek GM, Dochterman JM, Wagner CM. Nursing interventions classification (NIC)-E-Book. Elsevier Health Sciences; 2018.

67. Hafke-Dys H, Bręborowicz A, Kleka P, Kociński J, Biniakowski A. The accuracy of lung auscultation in the practice of physicians and medical students. *PLoS One* [Internet]. 2019;14(8):e0220606. Available from: <https://doi.org/10.1371/journal.pone.0220606>
68. Kamal SA, Shafiq M, Kakria P. Investigating acceptance of telemedicine services through an extended technology acceptance model (TAM). *Technol Soc.* 2020;60:101212.
69. Jusak J, Puspasari I, Kusumawati WI. *Pengolahan Sinyal Phonocardiography (PCG) Teori, Aplikasi dan Riset.* 2020;
70. Pal D, Vanijja V. Perceived usability evaluation of Microsoft Teams as an online learning platform during COVID-19 using system usability scale and technology acceptance model in India. *Child Youth Serv Rev.* 2020;119:105535.
71. Tirtana I, Permata Sari S. Analisis pengaruh persepsi kebermanfaatan, persepsi kemudahan dan kepercayaan terhadap penggunaan mobile banking. 2014;
72. Bahari A, Mus AR, Mursalim M. Perceived Ease, Benefits and Perceived Enjoyment of E-Invoice User Interests. *Point View Res Account Audit.* 2020;1(3):33–42.
73. Kurniawan D. Rancang Bangun Alat Deteksi Suara Paru-Paru Untuk Menganalisa Kelainan Paru-Paru Berbasis Android. *Elinvo (Electronics, Informatics, Vocat Educ.* 2017;2(2):156–68.