

## DAFTAR PUSTAKA

- Adelhoefer, S., Uddin, S. M. I., Osei, A. D., Obisesan, O. H., Blaha, M. J., & Dzaye, O. (2020). Coronary artery calcium scoring: New insights into clinical interpretation—lessons from the cac consortium. *Radiology: Cardiothoracic Imaging*, 2(6). <https://doi.org/10.1148/ryct.2020200281>
- Almokhtar, A. A., Jbireal, J. M., & Azab, A. E. (2019). Anxiety: Insights into Signs, Symptoms, Etiology, Pathophysiology, and Treatment. *East African Scholars Journal of Medical Sciences*, 2(10), 580–591. <http://www.easpublisher.com/easjms/>
- Amatullah, H., Bambang, P. S., Khairina., & Royke, T. K. (2023). Anxiety levels of ICU patients at tertiary referral hospital using Visual Analog Scale for Anxiety (VAS-A). *World Journal of Advanced Research and Reviews*, 18(3), 162–172. <https://doi.org/10.30574/wjarr.2023.18.3.1024>
- Appukuttan, D., Vinayagavel, M., & Tadepalli, A. (2014). Utility and validity of a single-item visual analog scale for measuring dental anxiety in clinical practice. *Journal of Oral Science*, 56(2), 151–156. <https://doi.org/10.2334/josnusd.56.151>
- Aron, A. (2023). Gambaran Tingkat Kecemasan Pasien Sebelum Tindakan Radiodiagnostik Intervensional Modalitas Ct-Scan Dengan Media Kontras Di Instalansi Radiologi Rsud Arifin Achmad Provinsi Riau. In *Journal of Engineering Research*. Awal Bros University.
- Arora, B., & Giri, J. N. (2022). Dual coding theory and its application in healthcare facility. *International Journal of Health Sciences*, 5021–5025. <https://doi.org/10.53730/ijhs.v6nS2.6261>
- Arunkumar, K., & Bhaskar, M. (2019). Heart rate estimation from photoplethysmography signal for wearable health monitoring devices. *Biomedical Signal Processing and Control*, 50, 1–9. <https://doi.org/10.1016/j.bspc.2019.01.021>
- Ayasrah, S. M., & Ahmad, M. M. (2016). Educational video intervention effects on periprocedural anxiety levels among cardiac catheterization patients: A randomized clinical trial. *Research and Theory for Nursing Practice*, 30(1), 70–84. <https://doi.org/10.1891/1541-6577.30.1.70>
- Az Zahra, S., Naili Farida, & Septo Pawelas Arso. (2022). Perceived Value and Trust Towards Patient Loyalty: a Literature Review. *Medical Technology and Public Health Journal*, 6(1), 39–50. <https://doi.org/10.33086/mtphj.v6i1.3214>
- Behera, S., & Gouda, T. (2022). Assessment of Anxiety Among Students. *The Third Voice Reality and Vision*, 4(2), 15–23. <https://thirdvoice.voiceforvoiceless.in/wp-content/uploads/2023/01/Assessment-of-Anxiety-Among-Students.pdf>

- Benevides, L. M. B., Silva, L. de F. da, Silva, G. C. e, & Farias, M. S. (2020). Educational practices on the anxiety control of patients in pre-operative heart surgery: integration review. *Revista de Pesquisa Cuidado é Fundamental Online*, 437–443. <https://doi.org/10.9789/2175-5361.rpcfo.v12.8496>
- Benz, A. B. E., Gaertner, R. J., Meier, M., Unternaehrer, E., Scharndke, S., Jupe, C., Wenzel, M., Bentele, U. U., Dimitroff, S. J., Denk, B. F., & Pruessner, J. C. (2022). Nature-Based Relaxation Videos and Their Effect on Heart Rate Variability. *Frontiers in Psychology*, 13(June), 1–15. <https://doi.org/10.3389/fpsyg.2022.866682>
- Beshay, M., Abo Elazm, T., El.Meligy, N., Abdelhamid, B., & Sabry, A. S. (2023). Assessment of Coronary Atherosclerotic Plaque Characteristics by Computed Tomographic Angiography in Smokers Compared to Non-smokers. *Benha Journal of Applied Sciences*, 0(0), 0–0. <https://doi.org/10.21608/bjas.2023.195610.1091>
- Bozkurt, M., Erkoc, M., Can, O., Danis, E., & Canat, H. L. (2022). The effect of an information video on preoperative anxiety level before percutaneous nephrolithotomy procedure: A prospective, randomized trial. *Canadian Urological Association Journal*, 17(3). <https://doi.org/10.5489/cuaj.8005>
- Bui, K. T., Liang, R., Kiely, B. E., Brown, C., Dhillon, H. M., & Blinman, P. (2021). Scanxiety: A scoping review about scan-associated anxiety. *BMJ Open*, 11(5). <https://doi.org/10.1136/bmjopen-2020-043215>
- Burkett, D. E. (2016). Heart rate, rhythm, and contractility. In R. Kirby & L. Andrew (Eds.), *Monitoring and Intervention for the Critically Ill Small Animal: The Rule 20* (pp. 177–206). John Wiley & Sons, Inc.
- Cao, X., Yumul, R., Lazo, O. L. E., Friedman, J., Durra, O., Zhang, X., & White, P. F. (2017). A novel visual facial anxiety scale for assessing preoperative anxiety. *PLoS ONE*, 12(2), 1–7. <https://doi.org/10.1371/journal.pone.0171233>
- Chatterjee, A., Strong, G., Meinert, E., Milne-Ives, M., Halkes, M., & Wyatt-Haines, E. (2021). The use of video for patient information and education: A scoping review of the variability and effectiveness of interventions. *Patient Education and Counseling*, 104(9), 2189–2199. <https://doi.org/10.1016/j.pec.2021.02.009>
- Clark, A. H. (2024). *What is Anxiety, What is an Anxiety Disorder, and Why Defining It Matters*. Clark Psychological Group. <https://aliciaclarkpsyd.com/defining-what-is-anxiety/>
- Clayton, M. F., Dean, M., & Mishel, M. (2018). *Theories of uncertainty in illness. Middle range theory for nursing* (M. J. Smith, P. R. Liehr, & Roger D. Carpenter (eds.); pp. 49–82). Springer.
- Dahlan, S. (2016). *Besar Sampel Dalam Penelitian Kedokteran dan Kesehatan* (E. Indonesia (ed.); fourth).

- Dewi, S. P. A., Fitriani, Y., & Effendi, D. (2021). Improving Ability in Identifying Procedure Text Elements Using Visual Audio Media. *Proceedings of the International Conference on Education Universitas PGRI Palembang (INCoEPP 2021)*, 565(INCoEPP), 1011–1015. <https://doi.org/10.2991/assehr.k.210716.201>
- Dini, M. Z., Rakhmatsyah, A., & Wardana, A. A. (2022). Detection of Oxygen Levels (SpO<sub>2</sub>) and Heart Rate Using a Pulse Oximeter for Classification of Hypoxemia Based on Fuzzy Logic. *Jurnal Ilmiah Teknik Elektro Komputer Dan Informatika*, 8(1), 17. <https://doi.org/10.26555/jiteki.v8i1.22139>
- do Vale, G. T., Ceron, C. S., Gonzaga, N. A., Simplicio, J. A., & Padovan, J. C. (2019). Three Generations of  $\beta$ -blockers: History, Class Differences and Clinical Applicability. *Current Hypertension Reviews*, 15(1), 22–31. <https://doi.org/10.2174/1573402114666180918102735>
- Eridani, D., Rifki, M., & Isnanto, R. (2018). Sistem Pakar Pendiagnosis Gangguan Kecemasan Menggunakan Metode Forward Chaining Berbasis Android. *Edu Komputika*, 5(1), 2. <http://journal.unnes.ac.id/sju/index.php/edukom>
- Esler, M., Lambert, G., Esler, D., Ika Sari, C., Guo, L., & Jennings, G. (2020). Evaluation of elevated heart rate as a sympathetic nervous system biomarker in essential hypertension. *Journal of Hypertension*. <https://doi.org/10.1097/HJH.0000000000002407>
- Facco, E., Zanette, G., Favero, L., Bacci, C., Sivoletta, S., Cavallin, F., & Manani, G. (2011). Toward the validation of visual analogue scale for anxiety. *Anesthesia Progress*, 58(1), 8–13. <https://doi.org/10.2344/0003-3006-58.1.8>
- Faisal, M., Juliantara, I. P. E., & Saputra, E. S. . (2023). Prosedur Pemeriksaan CT-Scan Angiography (CTA) Upper Ekstremitas Pada Kasus Pseudoaneurisma Arteri Subclavia Kanan Di Rumah Sakit Primaya Tangerang. *Jurnal Riset Rumpun Ilmu Kesehatan*, 2(2), 49–57. <https://doi.org/10.55606/jurrikes.v2i2.1686>
- Fakes, K. (2024). Patient experiences and anxiety related to medical imaging: challenges and potential solutions. *Journal of Medical Radiation Sciences*, 71(1), 3–6. <https://doi.org/10.1002/jmrs.748>
- Fatissou, J., Oswald, V., & Lalonde, F. (2016). Influence diagram of physiological and environmental factors affecting heart rate variability: An extended literature overview. *Heart International*, 11(1), e32–e40. <https://doi.org/10.5301/heartint.5000232>
- Fikri, M. R., Soesanti, I., & Nugroho, H. A. (2021). ECG Signal Classification Review. *IJITEE (International Journal of Information Technology and Electrical Engineering)*, 5(1), 15. <https://doi.org/10.22146/ijitee.60295>
- Fishbain, D. A., Gao, J., Lewis, J. E., & Zhang, L. (2016). At Completion of a Multidisciplinary Treatment Program, Are Psychophysical Variables

Associated with a VAS Improvement of 30% or More, a Minimal Clinically Important Difference, or an Absolute VAS Score Improvement of 1.5 cm or More? *Pain Medicine (Malden, Mass.)*, 17(4), 781–789. <https://doi.org/10.1093/pm/pnv006>

Gaemperli, O., Maurovich, P., Nieman, K., Pontone, G., & Pugliese, F. (2023). *The EACVI Handbook of Cardiovascular CT* (First Edit). Oxford University Press.

Gautama, M. S. N., Haryani, H., & Huang, T. W. (2023). Efficacy of smartphone-based virtual reality relaxation in providing comfort to patients with cancer undergoing chemotherapy in oncology outpatient setting in Indonesia: Protocol for a randomised controlled trial. *BMJ Open*, 13(7). <https://doi.org/10.1136/bmjopen-2023-074506>

Gökçe, E., & Arslan, S. (2019). Possible Effect of Video and Written Education on Anxiety of Patients Undergoing Coronary Angiography. *Journal of PeriAnesthesia Nursing*, 34(2), 281–288. <https://doi.org/10.1016/j.jopan.2018.06.100>

Goodwin, R. D., Weinberger, A. H., Kim, J. H., Wu, M., & Galea, S. (2020). Trends in anxiety among adults in the United States, 2008–2018: Rapid increases among young adults. *Journal of Psychiatric Research*, 130(April), 441–446. <https://doi.org/10.1016/j.jpsychires.2020.08.014>

Gregory, K. D., Chelmow, D., Nelson, H. D., Niel, M. S. V., Conry, J. A., Garcia, F., Kendig, S. M., O'Reilly, N., Qaseem, A., Ramos, D., Salganicoff, A., Son, S., Wood, J. K., & Zahn, C. (2020). Screening for Anxiety in Adolescent and Adult Women: A Recommendation From the Women's Preventive Services Initiative. *ACP Journals*. <https://doi.org/https://doi.org/10.7326/M20-05>

Grilo, A., Ferreira, A. C., Pedro Ramos, M., Carolino, E., Filipa Pires, A., & Vieira, L. (2022). Effectiveness of educational videos on patient's preparation for diagnostic procedures: Systematic review and Meta-Analysis. *Preventive Medicine Reports*, 28(July), 101895. <https://doi.org/10.1016/j.pmedr.2022.101895>

Gunver, M. G., Senocak, M., Ilhan, R., Aktas, H., Kilic, S., Oksuz, O., Esmeray, M. T., Lacin, H., & Arikian, M. K. (2021). A Way to Increase the Sensitivity and Specificity of the Hamilton Depression and Anxiety Scales. *Psychiatry and Clinical Psychopharmacology*, 31(3), 292–302. <https://doi.org/10.5152/pcp.2021.21386>

Gutiérrez, L., Márquez-Hernández, V. V., Gutiérrez-Puertas, V., Granados-Gámez, G., & Aguilera-Manrique, G. (2020). Educational Interventions for Nursing Students to Develop Communication Skills with Patients: A Systematic Review. *International Journal of Environmental Research and Public Health*, 17(7). <https://doi.org/10.3390/ijerph17072241>

Hallit, S., Haddad, C., Hallit, R., Akel, M., Obeid, S., Haddad, G., Soufia, M., Khansa, W., Khoury, R., Kheir, N., Elias Hallit, C. A., & Salameh, P. (2020).

- Validation of the Hamilton Anxiety Rating Scale and State Trait Anxiety Inventory A and B in Arabic among the Lebanese population. *Clinical Epidemiology and Global Health*, 8(4), 1104–1109. <https://doi.org/10.1016/j.cegh.2020.03.028>
- Han, S., Yoon, S. H., Lee, W., Choi, Y. H., Kang, D. Y., & Kang, H. R. (2019). Management of adverse reactions to iodinated contrast media for computed tomography in Korean referral hospitals: A survey investigation. *Korean Journal of Radiology*, 20(1), 148–157. <https://doi.org/10.3348/kjr.2017.0771>
- Hansch, A., Hillers, L., McConachie, K., Newman, C., Schildhauer, T., & Schmidt, P. (2015). Video and Online Learning: Critical Reflections and Findings from the Field. In *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.2577882>
- Hee, P. H., & Seon, J. G. (2021). Effects of Video Program by Tablet PC on Anxiety, Vital Signs, Pain, and Knowledge Level among Patients Undergoing Percutaneous Coronary Intervention. *Korean Journal of Adult Nursing*, 33(2), 102–113. <https://doi.org/10.7475/kjan.2021.33.2.102>
- Herl, G., Hiller, J., & Sauer, T. (2019). Artifact reduction in X-ray computed tomography by multipositional data fusion using local image quality measures. *E-Journal of Nondestructive Testing*, 24(3), 1–10. <https://doi.org/10.58286/23645>
- Herring, C. (2024). *Exposure and Voluntary Stuttering as a Mechanism of Desensitization*. Michigan State University.
- Hidayati, L. N., & Ikrima, R. R. (2022). Patients' Anxiety and Resilience: A Study in the Puskesmas Kasihan 1 Bantul Area. *Jurnal Aisyah: Jurnal Ilmu Kesehatan*, 7(S2), 85–92. <https://doi.org/10.30604/jika.v7is2.1411>
- Hikmayanty, L. R., Tanjung, Q. F., & Zainumi, C. M. (2020). Level Of Patients Anxiety On Patient Who Undergo Elective Operations Measured With Visual Analogue Scale For Anxiety (VAS-A) At Haji Adam Malik General Hospital Medan. *International Journal of Scientific and Research Publications (IJSRP)*, 10(2), p9851. <https://doi.org/10.29322/ijsrp.10.02.2020.p9851>
- Hoffmann, T. C., Glasziou, P. P., Boutron, I., Milne, R., Perera, R., Moher, D., Altman, D. G., Barbour, V., Macdonald, H., Johnston, M., Kadoorie, S. E. L., Dixon-Woods, M., McCulloch, P., Wyatt, J. C., Phelan, A. W. C., & Michie, S. (2014). Better reporting of interventions: Template for intervention description and replication (TIDieR) checklist and guide. *BMJ (Online)*, 348(March), 1–12. <https://doi.org/10.1136/bmj.g1687>
- Huang, H., Liang, J., Chen, X., Shi, L., Zeng, G., Wu, Y., & Yang, C. (2022). Clinical Application Value of Multimedia Education and Nursing Intervention in a Coronary Computed Tomography Angiography. *Clinical Nursing Research*, 31(4), 607–614. <https://doi.org/10.1177/10547738221075726>
- Hur, J., Smith, J. F., DeYoung, K. A., Anderson, A. S., Kuang, J., Kim, H. C.,

- Tillman, R. M., Kuhn, M., Fox, A. S., & Shackman, A. J. (2020). Anxiety and the neurobiology of temporally uncertain threat anticipation. *Journal of Neuroscience*, *40*(41), 7949–7964. <https://doi.org/10.1523/JNEUROSCI.0704-20.2020>
- Husain, K., Zahid, M. S. M., Hassan, S. U., Hasbullah, S., & Mandala, S. (2021). Advances of ECG sensors from hardware, software and format interoperability perspectives. *Electronics (Switzerland)*, *10*(2), 1–36. <https://doi.org/10.3390/electronics10020105>
- Islaeli, I., Said, F. M., Nambiar, N., & Umar, N. S. (2023). Development and Validation of a Revised VAS-Anxiety Measurement Tools for Preschool Hospitalized Children. *Malaysian Journal of Nursing*, *14*(3), 46–54. <https://doi.org/10.31674/mjn.2023.v14i03.006>
- Jaruzel, C. B., Gregoski, M., Mueller, M., Faircloth, A., & Kelechi, T. (2019). Aromatherapy for Preoperative Anxiety: A Pilot Study. *Journal of Perianesthesia Nursing*, *34*(2), 259–264. <https://doi.org/10.1016/j.jopan.2018.05.007>
- Jin, L., Jie, B., Gao, Y., Jiang, A., Weng, T., & Li, M. (2021). Low dose contrast media in step-and-shoot coronary angiography with third-generation dual-source computed tomography: Feasibility of using 30 mL of contrast media in patients with body surface area <1.7 m<sup>2</sup>. *Quantitative Imaging in Medicine and Surgery*, *11*(6), 2598–2609. <https://doi.org/10.21037/qims-20-500>
- Jo, H. S., Hwang, Y. S., & Dronina, Y. (2021). Mediating effects of smartphone utilization between attitude and willingness to use home-based healthcare ict among older adults. *Healthcare Informatics Research*, *27*(2), 137–145. <https://doi.org/10.4258/HIR.2021.27.2.137>
- Joseph, S. U., & Decker, J. (2021). Slow and steady wins the race: Lower heart rates improve diagnostic quality for coronary ct angiography. *Radiology*, *300*(3), 704–705. <https://doi.org/10.1148/radiol.2021211091>
- Khairi, M., Zahiruddin, M., Yahya, A., Nik Farid, N. D., Aga Mohd Jaladin, R., & Ahmad Tajuddin, N. A. N. (2024). Development and Validation of a Psychoeducational Video on Depression. *Cureus*, *16*(4). <https://doi.org/10.7759/cureus.59347>
- Kim, H. J., Kim, J. E., & Lee, S. H. (2021). Pathological worry is related to poor long-term pharmacological treatment response in patients with panic disorder. *Psychiatry Investigation*, *18*(9), 904–912. <https://doi.org/10.30773/PI.2021.0227>
- Kroeker, G. (2018). Cardiovascular System: Anatomy and Physiology. In M. Labrosse (Ed.), *Cardiovascular Mechanics* (First Edit, p. 17). CRC Press. <https://doi.org/https://doi.org/10.1201/b21917>
- Kucia, A. M. (2022). Arrhythmias. In *Cardiac Care: A Practical Guide for Nurses*

(pp. 139–172). John Wiley & Sons Ltd.  
<https://doi.org/10.1002/9781119117810>

- Kumala, D. W., Dewi, M. H. K., & Suwarti. (2019). The Happiness On The Blind Males Of Young Adult. *Empowerment of Human Resources Local Wisdom in A Psychological Perspective Towards Industrial Revolution 4.0, 2015*, 169–178.
- Kumar, K., Alam, A., Pellegrino, A. N., & Yellapu, V. (2021). Aromatherapies can Reduce Incidence of Anxiety in Ambulatory Surgery Patients : A Pilot Study. *Journal of Clinical Anesthesiology*, 5(December), 1–5. <file:///C:/Users/HP/Downloads/aromatherapy-can-reduce-incidence-of-anxiety-in-ambulatory-surgery-patients-a-pilot-study.pdf>
- Labaste, F., Ferré, F., Combelles, H., Rey, V., Foissac, J. C., Senechal, A., Conil, J. M., & Minville, V. (2019). Validation of a visual analogue scale for the evaluation of the postoperative anxiety: A prospective observational study. *Nursing Open*, 6(4), 1323–1330. <https://doi.org/10.1002/nop2.330>
- Lange, S., Mędrzycka-Dąbrowska, W., & Małecka-Dubiela, A. (2023). Patient Experience during Contrast-Enhanced Computed Tomography Examination: Anxiety, Feelings, and Safety. *Safety*, 9(4). <https://doi.org/10.3390/safety9040069>
- Laskey, W. K., Alomari, I., Cox, M., Schulte, P. J., Zhao, X., Hernandez, A. F., Heidenreich, P. A., Eapen, Z. J., Yancy, C., Bhatt, D. L., & Fonarow, G. C. (2015). Heart Rate at Hospital Discharge in Patients With Heart Failure Is Associated With Mortality and Rehospitalization. *Journal of the American Heart Association*, 4(4). <https://doi.org/10.1161/JAHA.114.001626>
- Leahy, R. L., Clark, D. A., & Dozois, D. J. (2022). Cognitive-behavioral theories. In *Gabbard's Textbook of Psychotherapeutic Treatments (Second)*. American Psychiatric Publishing, Inc.
- Lin, C.-Y., Miller, J. L., Lennie, T. A., Biddle, M. J., Mudd-Martin, G., Hammash, M., & Moser, D. K. (2020). Perceived Control Predicts Symptom Status in Patients With Heart Failure. *Journal of Cardiovascular Nursing*, 35(6), 530–537. <https://doi.org/10.1097/JCN.0000000000000684>
- Lin, Y., Hu, Z., Alias, H., & Wong, L. P. (2020). Knowledge, Attitudes, Impact, and Anxiety Regarding COVID-19 Infection Among the Public in China. *Frontiers in Public Health*, 8(May), 1–7. <https://doi.org/10.3389/fpubh.2020.00236>
- Liu, J., Lu, C., & Cai, J. (2023). Research on Knowledge Learning of COVID-19 Video Viewers: Based on Cognitive Mediation Model. *Healthcare (Switzerland)*, 11(4). <https://doi.org/10.3390/healthcare11040570>
- Mahdy, L. N., Ezzat, K. A., & Tan, Q. (2018). Smart ECG Holter monitoring system using smartphone. *Proceedings - 2018 IEEE International Conference*

- on Internet of Things and Intelligence System, IOTAIS 2018*, 80–84. <https://doi.org/10.1109/IOTAIS.2018.8600891>
- Marlı, E. P., & Ünlüsoy, N. (2020). Accurate and safe pulse oximeter use. *Journal of Human Sciences*, 17(1), 369–379. <https://doi.org/10.14687/jhs.v17i1.5947>
- Myruski, S., Pérez-Edgar, K., & Buss, K. A. (2024). Adolescent coping and social media use moderated anxiety change during the COVID-19 pandemic. *Journal of Adolescence*, 96(1), 177–195. <https://doi.org/10.1002/jad.12267>
- Nanni, M., Martínez-Soto, J., Gonzalez-Santos, L., & Barrios, F. A. (2018). Neural correlates of the natural observation of an emotionally loaded video. *PLoS ONE*, 13(6), 1–19. <https://doi.org/10.1371/journal.pone.0198731>
- Nebelung, H., Brauer, T., Seppelt, D., Hoffmann, R. T., & Platzek, I. (2021). Coronary computed tomography angiography (CCTA): effect of bolus-tracking ROI positioning on image quality. *European Radiology*, 31(2), 1110–1118. <https://doi.org/10.1007/s00330-020-07131-x>
- Nelson, B. W., Low, C. A., Jacobson, N., Areán, P., Torous, J., & Allen, N. B. (2020). Guidelines for wrist-worn consumer wearable assessment of heart rate in biobehavioral research. *Npj Digital Medicine*, 3(1), 1–9. <https://doi.org/10.1038/s41746-020-0297-4>
- Nicolaou, C., & Kalliris, G. (2020). Audiovisual media communications in adult education: The case of cyprus and greece of adults as adult learners. *European Journal of Investigation in Health, Psychology and Education*, 10(4), 967–994. <https://doi.org/10.3390/ejihpe10040069>
- Noben, L., Goossens, S. M. T. A., Truijens, S. E. M., van Berckel, M. M. G., Perquin, C. W., Slooter, G. D., & van Rooijen, S. J. (2019). A virtual reality video to improve information provision and reduce anxiety before cesarean delivery: Randomized controlled trial. *JMIR Mental Health*, 6(12), 1–12. <https://doi.org/10.2196/15872>
- Noetel, M., Griffith, S., Delaney, O., Sanders, T., Parker, P., del Pozo Cruz, B., & Lonsdale, C. (2021). Video Improves Learning in Higher Education: A Systematic Review. *Review of Educational Research*, 91(2), 204–236. <https://doi.org/10.3102/0034654321990713>
- Notoatmodjo, S. (2018). *Metode Penelitian Kesehatan*. Rineka Cipta.
- Oda, S., Utsunomiya, D., Nakaura, T., Kidoh, M., Funama, Y., Tsujita, K., & Yamashita, Y. (2018). Basic Concepts of Contrast Injection Protocols for Coronary Computed Tomography Angiography. *Current Cardiology Reviews*, 15(1), 24–29. <https://doi.org/10.2174/1573403x14666180918102031>
- Ohana, M., Sellers, S., Mooney, J., Kueh, S. H., Grover, R., Arepalli, C. D., Selvakumar, K., Kim, U., Blanke, P., & Leipsic, J. A. (2018). Prevalence and impact of scan-related anxiety during coronary CT angiography: A prospective cohort study of 366 patients. *Journal of Cardiovascular Computed*

*Tomography*, 12(5), 364–371. <https://doi.org/10.1016/j.jcct.2018.04.013>

- Ondrejko, M., Salat, D., Cambal, D., & Klepanec, A. (2022). Radiation dose and image quality of CT coronary angiography in patients with high heart rate or irregular heart rhythm using a 16-cm wide detector CT scanner. *Medicine*, 101(37), e30583. <https://doi.org/10.1097/MD.00000000000030583>
- Oshvandi, K., Movaheditabar, E., Naghshtabrizi, B., Mohammadi, Y., & Shamsizadeh, M. (2021). The effect of video-based educational program on satisfaction and comfort in patients undergoing transradial coronary angiography: A single-blinded, randomized controlled trial. *Journal of Vascular Nursing*, 39(2), 27–32. <https://doi.org/10.1016/j.jvn.2021.01.001>
- Paalimäki-Paakki, K., Virtanen, M., Henner, A., Vähänikkilä, H., Nieminen, M. T., Schroderus-Salo, T., & Kääriäinen, M. (2023). Effects of a 360° virtual counselling environment on patient anxiety and CCTA process time: A randomised controlled trial. *Radiography*, 29, S13–S23. <https://doi.org/10.1016/j.radi.2022.09.013>
- Patel, A. R., Bamberg, F., Branch, K., Carrascosa, P., Chen, M., Cury, R. C., Ghoshhajra, B., Ko, B., Nieman, K., Pugliese, F., Schoepf, J., & Blankstein, R. (2020). Society of cardiovascular computed tomography expert consensus document on myocardial computed tomography perfusion imaging. *Journal of Cardiovascular Computed Tomography*, 14(1), 87–100. <https://doi.org/10.1016/j.jcct.2019.10.003>
- Patriquin, M. A., & Mathew, S. J. (2017). The Neurobiological Mechanisms of Generalized Anxiety Disorder and Chronic Stress. *Chronic Stress*, 1. <https://doi.org/10.1177/2470547017703993>
- Pelberg, R., Mazur, W., & Kim, E. (2015). Cardiac CT Angiography Manual. In *Journal of Nuclear Medicine* (Vol. 49, Issue 5). <https://doi.org/10.2967/jnumed.107.049643>
- Perrotta, G. (2019). Panic Disorder: Definitions, Contexts, Neural Correlates and Clinical Strategies. *Current Trends in Clinical & Medical Sciences*, 1(2). <https://doi.org/10.33552/ctcms.2019.01.000508>
- Prima, A., Harahap, D., Lanahdiana, L., Ilyas, A. S., Rambu, S. H., Hermawan, A., Andas, N. H., & Andas, A. M. (2022). Prevalence Anxiety Family Members of Patients Admitted to Inpatient Hospital Room during Pandemic COVID-19. *Open Access Macedonian Journal of Medical Sciences*, 10(E), 1029–1034. <https://doi.org/10.3889/oamjms.2022.9968>
- Rachmad, Y. E. (2022). *Psychological Adaptation Theory*. YER-E Book Publication.
- Ranjan, P., Ro, R., & Lerakis, S. (2022). Multislice Computed Tomography (MSCT) and Cardiovascular Magnetic Resonance (CMR) Imaging for Coronary and Structural Heart Disease. In *Interventional Cardiology*:

- Principles and Practice* (Third). Willey Online Library. <https://doi.org/https://doi.org/10.1002/9781119697367.ch10>
- Ritsert, F., Elgendi, M., Galli, V., & Menon, C. (2022). Heart and Breathing Rate Variations as Biomarkers for Anxiety Detection. *Bioengineering*, *9*(11), 1–9. <https://doi.org/10.3390/bioengineering9110711>
- Rokom. (2022). *Penyakit Jantung Penyebab Utama Kematian, Kemenkes Perkuat Layanan Primer*. Redaksi Sehat Negeriku. <https://sehatnegeriku.kemkes.go.id/baca/rilis-media/20220929/0541166/penyakit-jantung-penyebab-utama-kematian-kemenkes-perkuat-layanan-primer/>
- Şahan., & Yıldız. (2022). Determining the Spiritual Care Requirements and Death Anxiety Levels of Patients Diagnosed with COVID-19 in Turkey. *Journal of Religion and Health*, *61*(1), 786–797. <https://doi.org/10.1007/s10943-021-01454-9>
- Şahan, E., & Tangiltiz, A. (2022). State and trait anxiety among medical staff during the first month of COVID-19 pandemic: A sample from Turkey. *International Journal of Psychiatry in Medicine*, *57*(4), 338–356. <https://doi.org/10.1177/009121742111042698>
- Salah, H., Tamam, N., Rabbaa, M., Abuljoud, M., Zailae, A., Alkhorayef., Abuhadi, N., Elshami, W., Sulieman, A., & Bradley, D. A. (2023). Assessment of patients radiation doses associated with computed tomography coronary angiography. *Applied Radiation and Isotopes*, *192*(November 2022), 110548. <https://doi.org/10.1016/j.apradiso.2022.110548>
- Santamaría, A. L., Masot, O., Velez, O. C., Botigué, T., Sánchez, T. C., & Roca, J. (2022). Diagnostic Concordance between the Visual Analogue Anxiety Scale (VAS-A) and the State-Trait Anxiety Inventory (STAI) in Nursing Students during the COVID-19 Pandemic. *International Journal of Environmental Research and Public Health*, *19*(12). <https://doi.org/10.3390/ijerph19127053>
- Sayadi, L., Varaei, S., Faghihzadeh, E., & Ahmadkhani, Z. (2018a). The effects of multimedia education on anxiety and physiological status among patients with cerebral angiography: A randomized controlled clinical trial. *Nursing Practice Today*, *5*(4), 375–384. <https://doi.org/10.18502/npt.v5i4.116>
- Sayadi, L., Varaei, S., Faghihzadeh, E., & Ahmadkhani, Z. (2018b). The effects of multimedia education on anxiety and physiological status among patients with cerebral angiography: A randomized controlled clinical trial. *Nursing Practice Today*. <https://doi.org/10.18502/npt.v5i4.116>
- Schuhbaeck, A., Otaki, Y., Achenbach, S., Schneider, C., Slomka, P., Berman, D., & Dey, D. (2015). Coronary calcium scoring from contrast coronary CT angiography using a semiautomated standardized method. *Journal of Cardiovascular Computed Tomography*, *9*(5), 446–453. <https://doi.org/10.1016/j.jcct.2015.06.001>

- Sebastià, C., Páez-Carpi, A., Guillen, E., Garcia-Cinca, D., Poch, E., Oleaga, L., & Nicolau, C. (2021). Oral hydration compared to intravenous hydration in the prevention of post-contrast acute kidney injury in patients with chronic kidney disease stage IIIb: A phase III non-inferiority study (NICIR study). *European Journal of Radiology*, 136(November 2020). <https://doi.org/10.1016/j.ejrad.2020.109509>
- Setting, I. (2019). Role of the Nurse Practitioner in Delivering Quality Care in the Radiology & Imaging Setting Introduction/Problem Statement. *ARIN*, July, 1–4. <https://www.ajmc.com/contributor/dr-gary->
- Sheehan, J., Matthew, J., Hohenhaus, M., & Alexandre, C. (2022). *Inpatient Psychiatric Nursing* (Second). Springer Publishing Company.
- Sheffield, E. (2021). Contrast Effect. In *Decision Making in Emergency Medicine* (pp. 97–102). Springer Singapore. [https://doi.org/10.1007/978-981-16-0143-9\\_16](https://doi.org/10.1007/978-981-16-0143-9_16)
- Shen, W., Chen, Y., Qian, W., Liu, W., Zhu, Y., Xu, Y., & Zhu, X. (2021). Impact of respiratory motion artifact on coronary image quality of one beat coronary CT angiography. *Journal of X-Ray Science and Technology*. <https://doi.org/10.3233/XST-200812>
- Sugiyono. (2019). *Metode Penelitian Kuantitatif Kualitatif dan RD*. Alfabeta.
- Sulistyawati, R., Probosuseno., & Setiyarini, S. (2019). Dhikr Therapy for Reducing Anxiety in Cancer Patients. *Asia-Pacific Journal of Oncology Nursing*, 6(4), 411–416. [https://doi.org/10.4103/apjon.apjon\\_33\\_19](https://doi.org/10.4103/apjon.apjon_33_19)
- Susanti, T., Arinawati, A., & Sulaksono, N. (2020). Peranan Heart Rate Terhadap Kualitas Citra Pada Pemeriksaan Ct Angiography Cardiac. *JRI (Jurnal Radiografer Indonesia)*, 3(2), 85–90. <https://doi.org/10.55451/jri.v3i2.74>
- Tadic, M., Cuspidi, C., & Grassi, G. (2018). Heart rate as a predictor of cardiovascular risk. *European Journal of Clinical Investigation*, 48(1), 3. <https://doi.org/https://doi.org/10.1111/eci.12892>
- Teixeira, E., Fonseca, H., Diniz-Sousa, F., Veras, L., Boppre, G., Oliveira, J., Pinto, D., Alves, A. J., Barbosa, A., Mendes, R., & Marques-Aleixo, I. (2021). Wearable devices for physical activity and healthcare monitoring in elderly people: A critical review. *Geriatrics (Switzerland)*, 6(2), 1–19. <https://doi.org/10.3390/geriatrics6020038>
- Teo, K., & Rafiq, T. (2021). Cardiovascular Risk Factors and Prevention: A Perspective From Developing Countries. *Canadian Journal of Cardiology*, 37(5), 733–743. <https://doi.org/10.1016/j.cjca.2021.02.009>
- Teo, T., Yap, J., Fong, P., Hussin, N., Wang, H., Shen, T., & Yeo, K. K. (2020). P205 Effectiveness of a portable patient education video prior to coronary angiography and angioplasty. *European Heart Journal*, 41(Supplement\_1). <https://doi.org/10.1093/ehjci/ehz872.076>

- Toralla, O., Lopez Jornet, P., & Pons-Fuster, E. (2022). The Effect of an Informative Video upon Anxiety and Stress in Patients Requiring an Oral Biopsy: A Randomized Controlled Study. *International Journal of Environmental Research and Public Health*, 19(2), 783. <https://doi.org/10.3390/ijerph19020783>
- Trotman, G., Veldhuijzen van Zanten, J. J. C. S., Davies, J., Möller, C., Ginty, A. T., & Williams, S. E. (2019). Associations between heart rate, perceived heart rate, and anxiety during acute psychological stress. *Anxiety, Stress and Coping*, 32(6), 711–727. <https://doi.org/10.1080/10615806.2019.1648794>
- Vera, M., Medina, R., Mar, A. Del, Arellano, J., Huérfano, Y., & Bravo, A. (2019). An automatic technique for left ventricle segmentation from msct cardiac volumes. *Journal of Physics: Conference Series*, 1160(1). <https://doi.org/10.1088/1742-6596/1160/1/012001>
- Videbeck, S. L. (2020). Psychiatric-Mental Health Nursing 8th Edition [8th ed.]. In *Nursing Clinics of North America* (Vol. 21, Issue 3).
- Wang, L.-W., Ou, S.-H., Tsai, C.-S., Chang, Y.-C., & Kao, C.-W. (2016). Multimedia Exercise Training Program Improves Distance Walked, Heart Rate Recovery, and Self-efficacy in Cardiac Surgery Patients. *Journal of Cardiovascular Nursing*, 31(4), 343–349. <https://doi.org/10.1097/JCN.0000000000000246>
- Weller, G. E. . (2018). *Anesthesia for MRI and CT*. Springer, Cham. [https://doi.org/10.1007/978-3-319-74766-8\\_25](https://doi.org/10.1007/978-3-319-74766-8_25)
- WHO. (2024). *Cardiovascular Diseases (CVDs)*. World Health Organization. [https://www.who.int/news-room/fact-sheets/detail/cardiovascular-diseases-\(cvds\)](https://www.who.int/news-room/fact-sheets/detail/cardiovascular-diseases-(cvds))
- Wibowo. (2022). *Tingkatkan Layanan, RS UNS Miliki Klinik Gagal Jantung Pertama di Jateng*. INews Jateng. <https://jateng.inews.id/berita/tingkatkan-layanan-rs-uns-miliki-klinik-gagal-jantung-pertama-di-jateng>
- Widarsa, K. T., Astuti, P. A. S., & Kurniasari, N. M. D. (2022). *Metode Sampling Penelitian Kedokteran dan Kesehatan*. Baswara Press. <https://doi.org/10.53638/BP.9786239968908>
- Widyastuty, A., Effendy, E., & Amin, M. M. (2019). Correlation between visual analogue scale score and hospital anxiety depression scale-depression score in patients with cervical cancer in the hospital vina cancer, Medan. *Open Access Macedonian Journal of Medical Sciences*, 7(16), 2634–2637. <https://doi.org/10.3889/oamjms.2019.473>
- Wiglusz, M. S., Landowski, J., & Cubala, W. J. (2019). Psychometric properties of the Polish version of the Hamilton Anxiety Rating Scale in patients with epilepsy with and without comorbid anxiety disorder. *Epilepsy and Behavior*, 94, 9–13. <https://doi.org/10.1016/j.yebeh.2019.02.017>

- Xiao, N., Yu, W., & Han, X. (2020). Wearable heart rate monitoring intelligent sports bracelet based on Internet of things. *Measurement: Journal of the International Measurement Confederation*, 164, 108102. <https://doi.org/10.1016/j.measurement.2020.108102>
- Yantie, N. P. V., Maharini, K., Gunawijaya, E., & Windiani, I. G. A. T. (2023). The efficacy of audiovisual distraction as an anxiety-minimizing technique during echocardiography in preschool children. *Paediatrica Indonesiana*, 51(4), 207–212. <https://doi.org/10.14238/pi>
- Yarmaliza, Z. (2019). Pencegahan Dini Terhadap Penyakit Tidak Menular (PTM) Melalui GERMAS. *Jurnal Pengabdian Masyarakat Multidisiplin*, 3(2), 93–100.
- Youssef, M. A., Dawoud, M. A., Elbarbary, A. A., Elbedewy, M. M., & Elkhateeb, H. M. (2014). Role of 320-slice multislice computed tomography coronary angiography in the assessment of coronary artery stenosis. *Egyptian Journal of Radiology and Nuclear Medicine*, 45(2), 317–324. <https://doi.org/10.1016/j.ejrn.2014.03.003>
- Yun, C. H., Hung, C. L., Wen, M. S., Wan, Y. L., & So, A. (2021). CT Assessment of Myocardial Perfusion and Fractional Flow Reserve in Coronary Artery Disease: A Review of Current Clinical Evidence and Recent Developments. *Korean Journal of Radiology*, 22(11), 1749–1763. <https://doi.org/10.3348/kjr.2020.1277>
- Zaree, A., Dev, S., Yaseen Khan, I., Arain, M., Rasool, S., Khalid Rana, M. A., Kanwal, K., Bhagat, R., Prachi, F., Puri, P., Varrassi, G., Kumar, S., Khatri, M., & Mohamad, T. (2023). Cardiac Rehabilitation in the Modern Era: Optimizing Recovery and Reducing Recurrence. *Cureus*, 15(9). <https://doi.org/10.7759/cureus.46006>
- Zemła A, Nowicka-Sauer K, Jarmoszewicz K, Wera K, Batkiewicz S, & Pietrzykowska M. (2019). *Measures of preoperative anxiety. Anaesthesiology Intensive Therapy [revista en Internet] 2019 [acceso 25 de octubre de 2021]; 51(1): 64-69. 51(1), 66–72.* <https://doi.org/10.5603/AIT.2019.0013.66>
- Zijlstra, E., Hagedoorn, M., Krijnen, W. P., van der Schans, C. P., & Mobach, M. P. (2017). Motion nature projection reduces patient's psycho-physiological anxiety during CT imaging. *Journal of Environmental Psychology*, 53, 168–176. <https://doi.org/10.1016/j.jenvp.2017.07.010>