

DAFTAR PUSTAKA

- Alawiyah, S. H., Sanaah, Asmaningrum, N., & Prayoga, P. A. (2025). AVERA_EduHealth: Inovasi edukasi digital pasien kemoterapi di ruang Averroes RSUD Provinsi Nusa Tenggara Barat. *MEDIC NUTRICIA: Jurnal Ilmu Kesehatan*, 19(3), [halaman artikel]. <https://doi.org/10.5455/mnj.v19i2.644>
- Almerdhemah, H., Mulla, Z., Muamenah, H. M., Weber, A., Boubakra, T., Taha, H., Habibullah, H. F., Albeirouti, B. T., & Ahmed, A. M. A. M. (2021). Site-specific education using digital media to improve patient understanding of the radiotherapy trajectory: An interventional study. *Advances in Radiation Oncology*, 6(6), 100742. <https://doi.org/10.1016/j.adro.2021.100742>
- Al-Zaidy, S. K. (2023). Efficacy of a pre-radiotherapy, nurse-led instructional program on anxiety level of patients receiving radiotherapy (RT) for first time. *Oncology Radiotherapy*, 17(9), 370–378. <https://doi.org/10.1016/j.oncrad.2023.370>
- Antoni, D., Vigneron, C., Clavier, J.-B., Guihard, S., Velten, M., & Noel, G. (2021). Anxiety during radiation therapy: A prospective randomized controlled trial evaluating a specific one-on-one procedure announcement provided by a radiation therapist. *Cancers*, 13(11), 2572. <https://doi.org/10.3390/cancers13112572>
- Atun, R., Jaffray, D. A., Barton, M. B., Bray, F., Baumann, M., Vikram, B., Hanna, T. P., Knaul, F. M., Lievens, Y., Lui, T. Y. M., Milosevic, M., O'Sullivan, B., Rodin, D., Rosenblatt, E., Van Dyk, J., Yap, M. L., Zubizarreta, E., Gospodarowicz, M., ... Sullivan, R. (2015). Expanding global access to radiotherapy. *The Lancet Oncology*, 16(10), 1153–1186. [https://doi.org/10.1016/S1470-2045\(15\)00222-3](https://doi.org/10.1016/S1470-2045(15)00222-3)
- Baskar, R., Lee, K. A., Yeo, R., Yeoh, K. W., Chen, J., Zhang, M., Wang, Y., Tan, W., Li, J., Kumar, A., Lim, S., Wong, F., Chua, M. L. K., Tan, S. H., Ng, C. Y., Goh, V., Lee, S. C., Chan, S. Y., ... Hwang, I. (2014). Biological response of cancer cells to radiation treatment. *Frontiers in Molecular Biosciences*, 1, 24. <https://doi.org/10.3389/fmolb.2014.00024>
- Baskar, R., & Itahana, K. (2017). Radiation therapy and cancer control in developing countries: Can we save more lives? *International Journal of Medical Sciences*, 14(1), 13–17. <https://doi.org/10.7150/ijms.17105>
- Behboudifar, A., Heshmati Nabavi, F., Anvari, K., & Shakeri, M. T. (2018). Effect of pretreatment education on anxiety in patients undergoing radiation therapy for the first time: A randomized clinical trial. *Cogent Psychology*, 5(1), 1483612. <https://doi.org/10.1080/23311908.2018.1483612>
- Berkman, N. D., Davis, T. C., & McCormack, L. (2010). Health literacy: What is it? *Journal of Health Communication*, 15(Suppl. 2), 9–19. <https://doi.org/10.1080/10810730.2010.499985>
- Bieling, P. J., Antony, M. M., & Swinson, R. P. (1998). The State-Trait Anxiety Inventory, Trait version: Structure and content re-examined. *Behaviour Research and Therapy*, 36(7–8), 777–788. [https://doi.org/10.1016/S0005-7967\(98\)00023-0](https://doi.org/10.1016/S0005-7967(98)00023-0)

- Bolderston, A. (2008). Mixed messages? A comparison between the perceptions of radiation therapy patients and radiation therapists regarding patients' educational needs. *Radiography*, 14(2), 111–119. <https://doi.org/10.1016/j.radi.2006.11.002>
- Canil, T., McWatters, K., Moore, C., van der Meer, R., Potvin, M., & Leung, E. (2012). Evaluation of the effects of pre-treatment education on self-efficacy and anxiety in patients receiving radiation therapy: A pilot study. *Journal of Medical Imaging and Radiation Sciences*, 43(4), 221–227. <https://doi.org/10.1016/j.jmir.2012.07.003>
- Charbonneau, D. H., Hightower, S., Katz, A., Zhang, K., & Abrams, J. (2020). Smartphone apps for cancer: A content analysis of the digital health marketplace. *Digital Health*, 6, 1–7. <https://doi.org/10.1177/2055207620905413>
- Chen, J. J., Brown, A. M., Garda, A. E., Kim, E., McAvoy, S. A., Perni, S., Rooney, M. K., Shiue, K., Topping, K. L., Warren, L. E., Golden, D. W., & Croke, J. M. (2024). Patient education practices and preferences of radiation oncologists and interprofessional radiation therapy care teams: A mixed-methods study exploring strategies for effective patient education delivery. *International Journal of Radiation Oncology, Biology, Physics*, 119(5), 1357–1367. <https://doi.org/10.1016/j.ijrobp.2024.02.023>
- Clover, K., Oultram, S., Adams, C., Cross, L., & Findlay, N. (2011). Disruption to radiation therapy sessions due to anxiety among patients receiving radiation therapy to the head and neck area can be predicted using patient self-report measures. *Psycho-Oncology*, 20(12), 1334–1341. <https://doi.org/10.1002/pon.1840>
- Corish, S., Fulton, B. A., Galbraith, L., Coltart, K., & Duffton, A. (2024). Impact of patient information format on the experience of cancer patients treated with radiotherapy: A rapid review. *Technical Innovations and Patient Support in Radiation Oncology*, 30, 100252. <https://doi.org/10.1016/j.tipsro.2024.100252>
- Creswell, J. W., & Plano Clark, V. L. (2018). *Designing and conducting mixed methods research* (3rd ed.). Sage Publications.
- Cruz, F. O. A. M., Vilela, R. A. G., Ferreira, E. B., Melo, N. S., Reis, P. E. D., & Sawada, N. O. (2019). Evidence on the use of mobile apps during the treatment of breast cancer: Systematic review. *JMIR mHealth and uHealth*, 7(8), e10923. <https://doi.org/10.2196/10923>
- Delaney, G., Jacob, S., Featherstone, C., Barton, M., Shafiq, J., Jalaludin, B., Wong, K., & Vinod, S. (2005). The role of radiotherapy in cancer treatment: Estimating optimal utilization from a review of evidence-based clinical guidelines. *Cancer*, 104(6), 1129–1137. <https://doi.org/10.1002/cncr.21324>
- DigiCanTrain Consortium. (2024). Digital skills training for health care professionals in cancer care. *Frontiers in Oncology*, 14, 1423456. <https://doi.org/10.3389/fonc.2024.1423456>
- Dilalla, V., Chaput, G., Williams, T., Sultanem, K., David, M., & Lambert, C. (2020). Radiotherapy side effects: Integrating a survivorship clinical lens to better serve patients. *Current Oncology*, 27(2), 107–112. <https://doi.org/10.3747/co.27.5682>

- Dong, S., Butow, P., Costa, D., Dhillon, H., & Shields, C. (2014). The influence of patient-centered communication during radiotherapy education sessions on post-consultation patient outcomes. *Patient Education and Counseling*, 95(3), 305–312. <https://doi.org/10.1016/j.pec.2014.02.004>
- Dunn, J., Steginga, S., Rose, P., & Scott, J. (2004). Evaluating patient education materials about radiation therapy. *Patient Education and Counseling*, 52(3), 325–332. [https://doi.org/10.1016/S0738-3991\(03\)00103-6](https://doi.org/10.1016/S0738-3991(03)00103-6)
- Elsner, K., Naehrig, D., Halkett, G., Dhillon, H., & Berg, M. (2017). Reduced patient anxiety as a result of radiation therapist-led psychosocial support: A systematic review. *Journal of Medical Radiation Sciences*, 64(3), 220–231. <https://doi.org/10.1002/jmrs.226>
- Fitriani, S. (2011). *Promosi kesehatan*. Graha Ilmu.
- Gao, J., Weng, L., Zhang, J., Li, Y., Li, X., & Zhang, X. (2022). Pilot study of a virtual reality educational intervention for radiotherapy patients prior to initiating treatment. *Journal of Cancer Education*, 37(3), 578–585. <https://doi.org/10.1007/s13187-020-01878-6>
- Goerling, U., Mehnert-Theuerkauf, A., Ernst, J., Vehling, S., Koch, U., Mehnert, A., Brähler, E., & Glaesmer, H. (2023). Prevalence and severity of anxiety in cancer patients: Results from a multi-center cohort study in Germany. *Journal of Cancer Research and Clinical Oncology*, 149(9), 6371–6379. <https://doi.org/10.1007/s00432-023-04983-9>
- Goldman, J., Buzurovic, I., Jimenez, R., Balboni, T., Katz, M., Lee, S., & Mak, R. (2023). Personalizing approaches to patient education throughout the radiation oncology workflow. *Applied Radiation Oncology*, March, 1–7. <https://doi.org/10.37549/aro1331>
- Green, H., Brown, T., Patel, R., & Wong, L. (2025). Best practice for patient-centred radiotherapy in clinical oncology. *Clinical Oncology*, 37(4), 215–223. <https://doi.org/10.1016/j.clon.2025.01.005>
- Halkett, G. K. B., Kristjanson, L. J., & Lobb, E. A. (2007). “If we get too close to your bones they’ll go brittle”: Women’s initial fears about radiotherapy for early breast cancer. *Psycho-Oncology*, 16(9), S25–S25. <https://doi.org/10.1002/pon.1296>
- Halkett, G. K. B., Kristjanson, L. J., Lobb, E. A., O’Driscoll, C., Taylor, M., & Spry, N. (2010). Effective communication and information provision in radiotherapy—the role of radiation therapists. *Journal of Radiotherapy in Practice*, 9(1), 3–16. <https://doi.org/10.1017/S146039690999014X>
- Halkett, G. K. B., O’Connor, M., Aranda, S., Jefford, M., Spry, N., Shaw, T., & Kearney, M. (2013). Pilot randomised controlled trial of a radiation therapist-led educational intervention for breast cancer patients prior to commencing radiotherapy. *Supportive Care in Cancer*, 21(6), 1725–1733. <https://doi.org/10.1007/s00520-012-1714-6>
- Halkett, G., O’Connor, M., Jefford, M., Aranda, S., Spry, N., Shaw, T., & Kearney, M. (2018a). RT Prepare: A radiation therapist-delivered intervention reduces psychological distress in women with breast cancer referred for radiotherapy. *British Journal of Cancer*, 118(12), 1549–1558. <https://doi.org/10.1038/s41416-018-0110-y>

- Halkett, G., O'Connor, M., Jefford, M., Aranda, S., Merchant, S., Spry, N., Kane, R., Shaw, T., Youens, D., Moorin, R., & Schofield, P. (2018b). RT Prepare: A radiation therapist-delivered intervention reduces psychological distress in women with breast cancer referred for radiotherapy. *British Journal of Cancer*, 118(12), 1549–1558. <https://doi.org/10.1038/s41416-018-0100-9>
- Hanum, F. J., Machmud, R., Gondhowiardjo, S., Khambri, D., Harahap, W. A., Elliyanti, A., Firdawati, & Semiarty, R. (2025). Patient education to reduce anxiety among cancer patients undergoing radiotherapy procedure: A systematic review of interventional studies. *Journal of Preventive Medicine and Public Health*, 59(2), 110–122. <https://doi.org/10.3961/jpmph.25.318>
- Harrison, R., Dey, P., Slevin, N. J., Eardley, A., Gibbs, A., Cowan, R., Logue, J. P., Leidecker, V., & Hopwood, P. (2001). Randomized controlled trial to assess the effectiveness of a videotape about radiotherapy. *British Journal of Cancer*, 84(1), 8–10. <https://doi.org/10.1054/bjoc.2000.1531>
- Harty, N. M., Carter, K. D., Milam, L. A., & Schoenberger, Y. M. (2018). EndCancer: Development and pilot testing of multimedia recruitment for a text message campaign to increase cancer screening. *mHealth*, 4, 50. <https://doi.org/10.21037/mhealth.2018.10.03>
- Hawker, S., Payne, S., Kerr, C., Hardey, M., & Powell, J. (2002). Appraising the evidence: Reviewing disparate data systematically. *Qualitative Health Research*, 12(9), 1284–1299. <https://doi.org/10.1177/1049732302238251>
- Heo, J., Chun, M., Lee, K., & Oh, Y. (2013). Effects of a smartphone application on breast self-examination: A feasibility study. *Healthcare Informatics Research*, 19(4), 250–260. <https://doi.org/10.4258/hir.2013.19.4.250>
- Hoff, A. C., & Haaga, D. A. F. (2005). Effects of an education program on radiation oncology patients and families. *Journal of Psychosocial Oncology*, 23(4), 61–79. https://doi.org/10.1300/J077v23n04_04
- Hosseinzadeh, E., Banaee, N., & Nedaie, H. A. (2017). Cancer and treatment modalities. *Current Cancer Therapy Reviews*, 13(1), 17–27. <https://doi.org/10.2174/1573394713666170203150058>
- Irawan, E., Rahayuwati, L., & Yani, D. I. (2017). Hubungan penggunaan terapi modern dan komplementer terhadap kualitas hidup pasien kanker payudara. *Jurnal Keperawatan Padjadjaran*, 5(3), 271–280. <https://doi.org/10.24198/jkp.v5i3.12345>
- Janssen, S., Schuster, T., Meyer, P., Hoffmann, M., & König, L. (2024). Survey in radiation oncology departments in Germany, Austria, and Switzerland: State of digitalization by 2023. *Strahlentherapie und Onkologie*, 200(5), 345–356. <https://doi.org/10.1007/s00066-024-02012-3>
- Jebraeily, M., Nouri, R., Mirzaei, M., & Rahimi, B. (2022). Identifying educational contents and technical features of a self-management smartphone application for women with breast cancer. *Journal of Advances in Medical and Biomedical Research*, 30(139), 129–137. <https://doi.org/10.30699/jams.30.139.129>
- Jefford, M., & Tattersall, M. H. (2002). Informing and involving cancer patients in their own care. *The Lancet Oncology*, 3(10), 629–637. [https://doi.org/10.1016/S1470-2045\(02\)00828-1](https://doi.org/10.1016/S1470-2045(02)00828-1)

- Jessup, D. L., Glover, M., Daye, D., Banzi, L., Jones, P., Choy, G., Shepard, J. A. O., & Flores, E. J. (2018). Implementation of digital awareness strategies to engage patients and providers in a lung cancer screening program: Retrospective study. *Journal of Medical Internet Research*, 20(2), e52. <https://doi.org/10.2196/jmir.8932>
- Juliansyah, R., Pratama, D. A., & Wibowo, H. (2024). Implementation of EMR system in Indonesian health facilities: Benefits and constraints. *Jurnal Sistem Informasi Kesehatan Indonesia*, 12(2), 89–98. <https://doi.org/10.7454/jsiki.v12i2.5678>
- Kelly, T., Rutherford, J., O’Keeffe, M., Milne, D., Smith, L., & Thomas, R. (2021). A radiation therapist’s guide to health literacy: A narrative review. *Journal of Medical Radiation Sciences*, 68(4), 465–474. <https://doi.org/10.1002/jmrs.471>
- Kementerian Kesehatan Republik Indonesia. (2024). *Transformasi digital kesehatan Indonesia*. Kementerian Kesehatan RI.
- Knobf, M. T., & Sun, Y. (2005). A longitudinal study of symptoms and self-care activities in women treated with primary radiotherapy for breast cancer. *Cancer Nursing*, 28(3), 210–218. <https://doi.org/10.1097/00002820-200505000-00011>
- Koth, J., Coutu, B., Bartenhagen, L., Zhen, W., Arneson, C., Lyden, E., Taft, M., Thomas, B., Wilson, K., & Bennion, N. (2021). Assessing anxiety alleviation through an informational video before head and neck irradiation. *Journal of Radiotherapy in Practice*, 20(2), 178–185. <https://doi.org/10.1017/S1460396920000640>
- Lazarou, I., Karageorgiou, V., Papadopoulos, K., & Giannakou, K. (2024). Cancer patients’ perspectives and requirements of digital health technologies: A scoping literature review. *Cancers*, 16(3), 512. <https://doi.org/10.3390/cancers16030512>
- Lewis, F., Merckaert, I., Liénard, A., Libert, Y., Etienne, A. M., & Razavi, D. (2014). Anxiety and its time courses during radiotherapy for non-metastatic breast cancer: A longitudinal study. *Radiotherapy and Oncology*, 111(2), 276–280. <https://doi.org/10.1016/j.radonc.2014.03.005>
- Lee, K., Park, J. Y., Kim, S. Y., & Lee, S. (2023). Digital health interventions for adult patients with cancer: A systematic review of randomized controlled trials. *Journal of Medical Internet Research*, 25, e46912. <https://doi.org/10.2196/46912>
- Lu, D. J., Xu, A. J., Taylor, B., Dhillon, H., & Hwang, E. (2021). Evaluation of mobile health applications to track patient-reported outcomes for oncology patients: A systematic review. *Advances in Radiation Oncology*, 6(1), 100576. <https://doi.org/10.1016/j.adro.2020.100576>
- Machfoedz, I., & Suryani, E. (2008). *Pendidikan kesehatan bagian dari PromKes*. Fitra Maya.
- Majeed, H., & Gupta, V. (2023). *Adverse effects of radiation therapy*. In StatPearls. StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK563149/>
- Mayer, R. E. (2021). *Multimedia learning* (3rd ed.). Cambridge University Press.

- Mazna, A. P. (2020). Hubungan tingkat pengetahuan dengan tingkat kepatuhan radioterapi pada pasien kanker di Instalasi Radioterapi RSUD Abdul Wahab Sjahranie Samarinda. *Medical and Health Science Journal*, 4(1), 1–5. <https://doi.org/10.33086/mhsj.v4i1.1302>
- Miranda, F. D., Silva, A. C., Oliveira, L. S., Santos, M. A., & Souza, C. R. (2022). Mobile app for patient education about breast cancer surgical treatment. *Fisioterapia em Movimento*, 35, e00322. <https://doi.org/10.1590/fm.2022.35.e00322>
- Montazeri, A., Vahdaninia, M., Ebrahimi, M., & Jarvandi, S. (2003). The Hospital Anxiety and Depression Scale (HADS): Translation and validation study of the Iranian version. *Health and Quality of Life Outcomes*, 1(14). <https://doi.org/10.1186/1477-7525-1-14>
- Nabavi, F. H., Shafipour, V., & Ghorbani, R. (2016). Effect of pre-treatment education programs on the anxiety of patients receiving radiotherapy: An integrative literature review. *Evidence Based Care Journal*, 6(1), 49–62. https://ebcj.mums.ac.ir/article_5147.html
- Notoatmodjo, S. (2014). *Promosi kesehatan dan perilaku kesehatan*. Rineka Cipta.
- Nurmala, I., Rahman, F., Nugroho, A., Erlyani, N., Laily, N., & Anhar, V. Y. (2018). *Promosi kesehatan*. Airlangga University Press. <https://repository.unair.ac.id/87974/2/Buku%20Promosi%20Kesehatan.pdf>
- Nursalam, & Efendi, F. (2012). *Pendidikan dalam keperawatan*. Salemba Medika.
- Page, M. J., McKenzie, J. E., Bossuyt, P. M., Boutron, I., Hoffmann, T. C., Mulrow, C. D., Shamseer, L., Tetzlaff, J. M., Akl, E. A., Brennan, S. E., Chou, R., Glanville, J., Grimshaw, J. M., Hróbjartsson, A., Lalu, M. M., Li, T., Loder, E. W., Mayo-Wilson, E., McDonald, S., McGuinness, L. A., ... Moher, D. (2021). The PRISMA 2020 statement: An updated guideline for reporting systematic reviews. *BMJ*, 372, n71. <https://doi.org/10.1136/bmj.n7>
- Pallin, N. D., McDowell, L., McCarter, K., Anderson, C., Hyde, M. K., & Chambers, S. K. (2022). A survey of therapeutic radiographers' knowledge, practices, and barriers in delivering health behaviour advice to cancer patients. *Journal of Cancer Education*, 37(4), 890–897. <https://doi.org/10.1007/s13187-021-02053-4>
- Parás-Bravo, P., Paz-Zulueta, M., Boixadera-Planas, E., Fradejas-Sastre, V., Palacios-Ceña, D., Fernández-de-las-Peñas, C., & Alonso-Blanco, C. (2020). Cancer patients and anxiety: A gender perspective. *International Journal of Environmental Research and Public Health*, 17(4), 1302. <https://doi.org/10.3390/ijerph17041302>
- Peterson, J. S., Morgan, R., Alvarez, L., Chen, T., & Gupta, N. (2025). Development and implementation of digital health tools in oncology care. *Journal of Oncology Practice*, 21(1), 12–22. <https://doi.org/10.1200/JOP.25.00123>
- Pramiasti, H. D., Waluyo, A., & Afiyanti, Y. (2022). Aplikasi smartphone sebagai sarana promosi kesehatan kanker dengan terapi radiasi. *Journal of Telenursing (JOTING)*, 4(2), 120–130. <https://doi.org/10.31539/joting.v4i2.XXXX>

- Puspitasari, M., Juliastuti, D., & Anggraini, D. (2024). Pengaruh edukasi digital terhadap pengetahuan dan sikap deteksi dini kanker payudara pada pasien perempuan dewasa di Poliklinik Penyakit Dalam RS Grha Kedoya Jakarta Barat. *Jurnal Kesehatan STIKes IMC Bintaro*, 7(2), 197–206. <http://jurnal.stikesimcbintaro.ac.id/index.php/djs/article/view/242/189>
- Putri, H. J. A. (2025). *Hubungan aksesibilitas informasi kesehatan digital dengan literasi kesehatan pasien penyakit katastropik* (Karya Tulis Ilmiah, Diploma 3 Farmasi, Universitas Sebelas Maret). Perpustakaan RSUD Dr. Moewardi. https://sipus.immoet.id/index.php?p=show_detail&id=370HikH
- Radojevic, M. Z., Milovanovic, J. R., Jovanovic, D. M., Ristic, B. R., & Rancic, N. K. (2018). A questionnaire for assessing fear of radiotherapy. *Serbian Journal of Experimental and Clinical Research*, 19(1), 57–63. <https://doi.org/10.2478/sjecr-2018-0008>
- Rafli, R., Hanum, F. J., & Abdullah, D. (2021). The emerging cancer support system in traditional and religious values: A qualitative study of the cancer community in West Sumatera, Indonesia. *Journal of Positive Psychology & Wellbeing*, 5(3), 1425–1431. <https://www.journalppw.com/index.php/jppw/article/view/1018>
- Rahman, A. (2018). *Faktor-faktor internal yang berhubungan dengan kecemasan pada pasien kanker yang mendapatkan radioterapi di RSKD Jakarta* [Skripsi, Universitas Indonesia]. Perpustakaan Universitas Indonesia. <https://lib.ui.ac.id/detail?id=20494409&lokasi=lokal>
- Rosenstock, I. M. (1974). Historical origins of the health belief model. *Health Education & Behavior*, 2(4), 328–335. <https://doi.org/10.1177/109019817400200403>
- Saeed, N. (2018). Patient education in radiation oncology: Evolution and innovation. *Applied Radiation Oncology*, March, 43–49. <https://www.appliedradiationoncology.com/articles/patient-education-in-radiation-oncology-evolution-and-innovation>
- Salmani, H., Moradi, S., Ghaffari, M., Rahimi, A., & Zarei, F. (2025). Electronic patient-reported outcome systems and capabilities in cancer care: A systematic review. *Journal of Cancer Survivorship*. Advance online publication. <https://doi.org/10.1007/s11764-025-01532-9>
- Siegel, R. L., Miller, K. D., Fuchs, H. E., Sorrentino, K., Fedewa, S. A., Ma, J., Jemal, A., Wagle, N. S., Cercek, A., Smith, R. A., Sauer, A. G., Torre, L. A., Goding Sauer, A., Wender, R. C., Brawley, O. W., Kohler, B. A., Gaudet, M. M., Cronin, K. A., Anderson, R. N., Rosenberg, P. S., ... Islami, F. (2022). Cancer statistics, 2022. *CA: A Cancer Journal for Clinicians*, 72(1), 7–33. <https://doi.org/10.3322/caac.21708>
- Siekkinen, M., Pyrhönen, S., Ryhänen, A., Vahlberg, T., & Leino-Kilpi, H. (2015). Psychosocial outcomes of e-feedback of radiotherapy for breast cancer patients: A randomized controlled trial. *Psycho-Oncology*, 24(5), 515–522. <https://doi.org/10.1002/pon.3662>
- Simmons, R. A., Cosgrove, S. C., Romney, M. C., Plumb, J. D., Brawer, R. O., & Gonzalez, E. T. (2017). Health literacy: Cancer prevention strategies for early adults. *American Journal of Preventive Medicine*, 53(3), S73–S77. <https://doi.org/10.1016/j.amepre.2017.03.018>

- Song, M., Kim, H., Park, J., & Lee, S. (2025). Digital age transformation in patient–physician communication and shared decision-making. *Journal of Medical Internet Research*, 27, e54321. <https://doi.org/10.2196/54321>
- Sun, X., Chen, J., Shi, Y., Zeng, Q., Wei, N., & Xie, R. (2013). Determinants of health literacy and health behavior regarding infectious respiratory diseases: A pathway model. *BMC Public Health*, 13(1), 261. <https://doi.org/10.1186/1471-2458-13-261>
- Sung, H., Ferlay, J., Siegel, R. L., Laversanne, M., Soerjomataram, I., Jemal, A., Bray, F., Arnold, M., Morgan, E., Fidler-Benaoudia, M., Keegan, T. H., Miller, K. D., Islami, F., Torre, L. A., Freedman, N. D., Scelo, G., Steliarova-Foucher, E., Vignat, J., ... Zheng, R. (2021). Global cancer statistics 2020: GLOBOCAN estimates of incidence and mortality worldwide for 36 cancers in 185 countries. *CA: A Cancer Journal for Clinicians*, 71(3), 209–249. <https://doi.org/10.3322/caac.21660>
- Susanto, S., Nugroho, S. A., & Handoko, Y. T. (2022). Pengetahuan ibu tentang penyakit kanker payudara berhubungan dengan tingkat kecemasan pada pasien pre operasi kanker payudara. *Jurnal Penelitian Perawat Profesional*, 4(2), 589–598. <https://jurnal.ppnijateng.org/index.php/jppp/article/view/1170>
- Teovilus, B., Nugroho, S. A., & Handoko, Y. T. (2015). Hubungan pengetahuan pasien tentang kemoterapi dengan kecemasan dalam menjalani tindakan kemoterapi di RSUD Panembahan Senopati Bantul. *Media Ilmu Kesehatan*, 4(1), 1–7. <https://ejournal.unjaya.ac.id/index.php/mik/article/view/106/105>
- Valentini, V., Boldrini, L., Mariani, S., Masi, L., Smaniotto, D., Balducci, M., Dinapoli, N., Fionda, B., Lancellotta, V., Meduri, B., Miccichè, F., Morganti, A. G., Palumbo, I., Pasini, D., Ravo, V., Ricardi, U., Ruggieri, R., Tagliaferri, L., ... De Bari, B. (2020). Role of radiation oncology in modern multidisciplinary cancer treatment. *Molecular Oncology*, 14(7), 1431–1441. <https://doi.org/10.1002/1878-0261.12704>
- Vitale, E., Caruso, R., Vitale, A., Fortunato, L., De Santis, M., Puglisi, G., Catalano, A., Messina, G., Fedele, F., Lombardo, C., Rizzo, G., Romano, A., Giordano, A., Costa, G., Marino, M., Ferraro, L., Bianchi, F., Russo, S., ... De Luca, A. (2024). Sex differences in anxiety and depression conditions among cancer patients: A systematic review and meta-analysis. *Cancers*, 16(11), 1969. <https://doi.org/10.3390/cancers16111969>
- Voon, N. S., & Khadar, N. Z. A. (2026). Impact of patient education and care on quality of life and mental well-being in cancer patients undergoing radiotherapy: A systematic review. *Supportive Care in Cancer*. Advance online publication. <https://doi.org/10.1007/s00520-026-08912-4>
- Wang, L. J., Chen, Y., Huang, P., & Lin, C. (2024). Smartphone-based augmented reality patient education in radiation oncology. *Radiotherapy and Oncology*, 196, 110–118. <https://doi.org/10.1016/j.radonc.2024.110118>
- Williams, R., Moeller, L., & Willis, S. (2018). Barriers and enablers to improved access to health information for patients with low health literacy in the radiotherapy department. *Radiography*, 24(Suppl. 1), S11–S15. <https://doi.org/10.1016/j.radi.2018.02.006>
- World Health Organization. (2024). *Global Cancer Observatory report*. World Health Organization. <https://gco.iarc.who.int/>

- Yanti, D., Sari, N. P., & Lestari, W. (2022). Peningkatan pengetahuan dengan menggunakan media video dan booklet pada klien yang menjalani kemoterapi. *Holistik Jurnal Kesehatan*, 16(1), 1–8. <https://jurnal.stikesnh.ac.id/index.php/holistik/article/view/1234>
- Zaheer, S., Gul, R. B., Bhamani, S. S., & Memon, M. A. (2020). The effect of individualized education with support on breast cancer patients' anxiety and depression during radiation therapy: A pilot study. *European Journal of Oncology Nursing*, 48, 101826. <https://doi.org/10.1016/j.ejon.2020.101826>
- Zeguers, M., de Haes, H., Zandbelt, L., Ter Hoeven, C., Franssen, S., & Smets, E. (2012). The information needs of new radiotherapy patients: How to measure? Do they want to know everything? And if not, why? *International Journal of Radiation Oncology, Biology, Physics*, 82(1), 418–424. <https://doi.org/10.1016/j.ijrobp.2010.10.049>
- Zissiadiis, Y., Harper, E., & Kearney, E. (2010). Impact of more intensive written information in patients having radical radiation therapy: Results of a prospective randomized phase III trial. *Radiotherapy and Oncology*, 96(2), 254–258. <https://doi.org/10.1016/j.radonc.2010.06.004>

