DAFTAR PUSTAKA

Abbas, Z., & Rehman, S. (2018). *An Overview of Cancer Treatment Modalities* (H. N. Shahzad, Ed.; p. Ch. 6). IntechOpen. https://doi.org/10.5772/intechopen.76558

Abbass, Z. (2024). Self-efficacy as a Predictor of Self-Management Capacity in Cancer Patients. *Academia Open*, *9*(1), 6–14. https://doi.org/10.21070/acopen.9.2024.10305

Akezaki, Y., Nakata, E., Kikuuchi, M., Tominaga, R., Kurokawa, H., Okamoto, M., Hamada, M., Aogi, K., Ohsumi, S., & Sugihara, S. (2021). Investigation of Factors Affecting Early Quality of Life of Patients after Breast Cancer Surgery. In *Healthcare* (Vol. 9, Issue 2). https://doi.org/10.3390/healthcare9020213

Alboughobeish, S. Z., Asadizaker, M., Rokhafrooz, D., & Cheraghian, B. (2017). The effect of mobile-based patient education on nausea and vomiting of patients undergoing chemotherapy. *Biomedical Research-Tokyo*, *28*, 8172–8178.

Ali, E. E., Leow, J. L., Chew, L., & Yap, K. Y.-L. (2018). Patients' Perception of App-based Educational and Behavioural Interventions for Enhancing Oral Anticancer Medication Adherence. *Journal of Cancer Education*, *33*(6), 1306–1313. https://doi.org/10.1007/s13187-017-1248-x

American Cancer Society. (2019). *How Is Chemotherapy Used to Treat Cancer?* https://www.cancer.org/cancer/managing-cancer/treatment-types/chemotherapy/how-is-chemotherapy-used-to-treat-cancer.html. Retrieved November 12, 2024.

American Cancer Society. (2022). *What is Cancer?* https://www.cancer.org/cancer/understanding-cancer/what-is-cancer.html. Retrieved July 05, 2024.

American Cancer Society. (2024). *Cancer Staging*. https://www.cancer.org/cancer/diagnosis-staging/staging.html. Retrieved October 30, 2024.

Amjad, M., Chidharla, A., & Kasi, A. (2023). *Cancer Chemotherapy*. StatPearls Publishing. https://www.ncbi.nlm.nih.gov/books/NBK564367/

Anakotta, O., Rochmawati, E., & Saidi, S. B. (2023). Effectiveness of M-Health Based Self-Management on Self-Efficacy in Patients with Cancer: A Systematic Review and Meta-analysis. *Jurnal Ners*, *18*(2), 200–209. https://doi.org/https://doi.org/10.20473/jn.v18i2.46216

Anand, U., Dey, A., Chandel, A. K. S., Sanyal, R., Mishra, A., Pandey, D. K., De Falco, V., Upadhyay, A., Kandimalla, R., Chaudhary, A., Dhanjal, J. K., Dewanjee, S., Vallamkondu, J., & Pérez de la Lastra, J. M. (2023). Cancer chemotherapy and beyond: Current status, drug candidates, associated risks and progress in targeted therapeutics. *Genes & Diseases*, *10*(4), 1367–1401. https://doi.org/https://doi.org/10.1016/j.gendis.2022.02.007

Andayani, N., Syafni, D., Amirsyah, M., Arliny, Y., Novirianthy, R., & Murtaza. (2023). Correlation Between Chemotherapy Cycles and Performance Status Based on ECOG in Non-Small Cell Lung Cancer Patients. *The Indonesian Journal of Cancer Control*, *2*(1), 10–15. https://doi.org/https://doi.org/10.52830/inajcc.v2i1.62

Apor, E., Connell, N. T., Faricy-Anderson, K., Barth, P., Youssef, R., Fenton, M., Sikov, W. M., Thomas, A., Rosati, K., Schumacher, A., Lombardo, A., Korber, S., Khurshid, H., Safran, H., & Mega, A. (2018). Prechemotherapy Education: Reducing Patient Anxiety Through Nurse-Led Teaching Sessions. *Clinical Journal of Oncology Nursing*, *22*(1), 76–82. https://doi.org/10.1188/18.CJON.76-82

Aydin, A., Gürsoy, A., & Karal, H. (2023). Mobile care app development process: using the ADDIE model to manage symptoms after breast cancer surgery (step 1). *Discover Oncology*, *14*(1), 63. https://doi.org/10.1007/s12672-023-00676-5

Azam, F., Latif, M. F., Farooq, A., Tirmazy, S. H., AlShahrani, S., Bashir, S., & Bukhari, N. (2019). Performance Status Assessment by Using ECOG (Eastern Cooperative Oncology Group) Score for Cancer Patients by Oncology Healthcare Professionals. In *Case reports in oncology* (Vol. 12, Issue 3, pp. 728–736). https://doi.org/10.1159/000503095

Azwar, S. (2018). *Metode Penelitian Psikologi*. Pustaka Pelajar.

Bandura, A. (1997). Self-efficacy: The exercise of control. In *Self-efficacy: The exercise of control.* W H Freeman/Times Books/ Henry Holt & Co.

Bandura, A. (2001). Social cognitive theory: An agentic perspective. In *Annual Review of Psychology* (Vol. 52, pp. 1–26). Annual Reviews. https://doi.org/10.1146/annurev.psych.52.1.1

Bandura, A. (2015). On Deconstructing Commentaries Regarding Alternative Theories of Self-Regulation. *Journal of Management*, *41*(4), 1025–1044. https://doi.org/10.1177/0149206315572826

Bandura, A. (2018). Toward a Psychology of Human Agency: Pathways and Reflections. *Perspectives on Psychological Science*, *13*(2), 130–136. https://doi.org/10.1177/1745691617699280

Barreto, J. N., McCullough, K. B., Ice, L. L., & Smith, J. A. (2014). Antineoplastic agents and the associated myelosuppressive effects: a review. *Journal of Pharmacy Practice*, *27*(5), 440–446. https://doi.org/10.1177/0897190014546108

Basch, E., Deal, A. M., Dueck, A. C., Scher, H. I., Kris, M. G., Hudis, C., & Schrag, D. (2017). Overall Survival Results of a Trial Assessing Patient-Reported Outcomes for Symptom Monitoring During Routine Cancer Treatment. In *JAMA* (Vol. 318, Issue 2, pp. 197–198). https://doi.org/10.1001/jama.2017.7156

Başoğlu, S., & Polat, Ü. (2024). The Effect of Education and Monitoring via Tele-Nursing to Elderly Cancer Patients Using Oral Anticancer Agents on Self-efficacy and Medication Adherence: A Randomized Controlled Trial. *Seminars in Oncology Nursing*, *40*(5), 151692. https://doi.org/https://doi.org/10.1016/j.soncn.2024.151692

Batra, A., Kalyani, C. V., & Rohilla, K. K. (2020). Incidence and severity of self-reported chemotherapy side-effects in patients with hematolymphoid malignancies: A cross-sectional study. *Cancer Research, Statistics, and Treatment*, *3*(4). https://journals.lww.com/crst/fulltext/2020/03040/incidence_and_severity_of_self_reported.12.aspx

Bektas, H., Coskun, H. S., Arikan, F., Ozcan, K., Tekeli, A., Kondak, Y., Sezgin, M. G., Yangec, E., & Kalav, S. (2022). Development and evaluation of the efficacy of a web-based education program among cancer patients undergoing treatment with systemic chemotherapy: a randomized controlled trial. *Supportive Care in Cancer : Official Journal of the Multinational Association of Supportive Care in Cancer*, *30*(7), 6021–6033. https://doi.org/10.1007/s00520-022-07039-w

Børøsund, E., Cvancarova, M., Moore, S. M., Ekstedt, M., & Ruland, C. M. (2014). Comparing Effects in Regular Practice of E-Communication and Web-Based Self-Management Support Among Breast Cancer Patients: Preliminary Results From a Randomized Controlled Trial. *J Med Internet Res*, *16*(12), e295. https://doi.org/10.2196/jmir.3348

Brame, C. J. (2016). Effective Educational Videos: Principles and Guidelines for Maximizing Student Learning from Video Content. *CBE Life Sciences Education*, *15*(4). https://doi.org/10.1187/cbe.16-03-0125

Brant, J. M., Cope, D. G., & Saria, M. G. (2019). *Core Curriculum for Oncology Nursing* (6th ed.). Elsevier.

Brant, J. M., Dudley, W. N., Beck, S., & Miaskowski, C. (2016). Evolution of the Dynamic Symptoms Model. *Oncology Nursing Forum*, *43*(5), 651–654. https://doi.org/10.1188/16.ONF.651-654

Bray, F., Laversanne, M., Sung, H., Ferlay, J., Siegel, R. L., Soerjomataram, I., & Jemal, A. (2024). Global cancer statistics 2022: GLOBOCAN estimates of incidence and mortality worldwide for 36 cancers in 185 countries. *CA: A Cancer Journal for Clinicians*, *74*(3), 229–263. https://doi.org/https://doi.org/10.3322/caac.21834

Bray, F., Laversanne, M., Weiderpass, E., & Soerjomataram, I. (2021). The ever-increasing importance of cancer as a leading cause of premature death worldwide. *Cancer*, *127*(16), 3029–3030. https://doi.org/10.1002/cncr.33587

Brouard, B., Bardo, P., Bonnet, C., Mounier, N., Vignot, M., & Vignot, S. (2016). Mobile applications in oncology: is it possible for patients and healthcare professionals to easily identify relevant tools? *Annals of Medicine*, *48*(7), 509–515. https://doi.org/10.1080/07853890.2016.1195010

Bujang, M. A., Sidik, T. Mohd., & Sa'at, N. (2022). Application of Consecutive Sampling Technique in a Clinical Survey for an Ordered Population: Does it Generate Accurate Statistics?No Title. *The Philippine Statistician*, *71*(1), 87–98.

Chan, H.-K., & Ismail, S. (2014). Side effects of chemotherapy among cancer patients in a Malaysian General Hospital: experiences, perceptions and informational needs from clinical pharmacists. *Asian Pacific Journal of Cancer Prevention : APJCP*, *15*(13), 5305–5309. https://doi.org/10.7314/apjcp.2014.15.13.5305

Christiansen, K., Buswell, L., & Fadelu, T. (2023). A Systematic Review of Patient Education Strategies for Oncology Patients in Low- and Middle-Income Countries. *The Oncologist*, *28*(1), 2–11. https://doi.org/10.1093/oncolo/oyac206

Colvin, L. A. (2019). Chemotherapy-induced peripheral neuropathy: where are we now? *PAIN*, *160*. https://doi.org/https://doi.org/10.1097/j.pain.0000000000001540

Crafoord, M.-T., Fjell, M., Sundberg, K., Nilsson, M., & Langius-Eklöf, A. (2020). Engagement in an Interactive App for Symptom Self-Management during Treatment in Patients With Breast or Prostate Cancer: Mixed Methods Study. *Journal of Medical Internet Research*, *22*(8), e17058. https://doi.org/10.2196/17058

Crawford, J., Herndon, D., Gmitter, K., & Weiss, J. (2024). The impact of myelosuppression on quality of life of patients treated with chemotherapy. *Future Oncology*, *20*(21), 1515–1530. https://doi.org/10.2217/fon-2023-0513

Debela, D. T., Muzazu, S. G., Heraro, K. D., Ndalama, M. T., Mesele, B. W., Haile, D. C., Kitui, S. K., & Manyazewal, T. (2021). New approaches and procedures for cancer treatment: Current perspectives. *SAGE Open Medicine*, *9*, 20503121211034370. https://doi.org/10.1177/20503121211034366

Dickens, E., & Ahmed, S. (2021). Principles of cancer treatment by chemotherapy. *Surgery (Oxford)*, *39*(4), 215–220. https://doi.org/https://doi.org/10.1016/j.mpsur.2021.01.009

Drljača, D., Latinović, B., Stankovic, Z., & Cvetković, D. (2017). ADDIE Model for Development of E-Courses. *Sinteza 2017 - International Scientific Conference on Information Technology and Data Related Research*, 242–247. https://doi.org/10.15308/Sinteza-2017-242-247

Egbring, M., Far, E., Roos, M., Dietrich, M., Brauchbar, M., Kullak-Ublick, G. A., & Trojan, A. (2016). A Mobile App to Stabilize Daily Functional Activity of Breast Cancer Patients in Collaboration With the Physician: A Randomized Controlled Clinical Trial. *Journal of Medical Internet Research*, *18*(9), e238. https://doi.org/10.2196/jmir.6414

El-Hussein, A., Manoto, S. L., Ombinda-Lemboumba, S., Alrowaili, Z. A., & Mthunzi-Kufa, P. (2021). A Review of Chemotherapy and Photodynamic Therapy for Lung Cancer Treatment. *Anti-Cancer Agents in Medicinal Chemistry*, *21*(2), 149–161. https://doi.org/10.2174/1871520620666200403144945

ElKefi, S., & Asan, O. (2021). How technology impacts communication between cancer patients and their health care providers: A systematic literature review. *International Journal of Medical Informatics*, *149*, 104430. https://doi.org/https://doi.org/10.1016/j.ijmedinf.2021.104430

Enzinger, A. C., Uno, H., McCleary, N., Frank, E., Sanoff, H., Van Loon, K., Matin, K., Bullock, A., Cronin, C., Cibotti, H., Bagley, J., & Schrag, D. (2020). Effectiveness of a Multimedia Educational Intervention to Improve Understanding of the Risks and Benefits of Palliative Chemotherapy in Patients With Advanced Cancer: A Randomized Clinical Trial. *JAMA Oncology*, *6*(8), 1265–1270. https://doi.org/10.1001/jamaoncol.2020.1921

Epstein, R. S., Basu Roy, U. K., Aapro, M., Salimi, T., Moran, D., Krenitsky, J., Leone-Perkins, M. L., Girman, C., Schlusser, C., & Crawford, J. (2021). Cancer Patients' Perspectives and Experiences of Chemotherapy-Induced Myelosuppression and Its Impact on Daily Life. *Patient Preference and Adherence*, *15*, 453–465. https://doi.org/10.2147/PPA.S292462

Farhan, U. F., Nursal, D. G. A., & Semiarty, R. (2025). The Influence Social Support on Self-Efficacy and Quality of Life in Breast Cancer Patients. *Journal La Medihealtico*, *6*(2 SE-Articles), 462–476. https://doi.org/10.37899/journallamedihealtico.v6i2.2017

Faul, F., Erdfelder, E., Buchner, A., & Lang, A.-G. (2009). Statistical power analyses using G*Power 3.1: Tests for correlation and regression analyses. *Behavior Research Methods*, *41*(4), 1149–1160. https://doi.org/10.3758/BRM.41.4.1149

Ferlay, J., Ervik, M., Lam, F., Laversanne, M. Colombet, M., Mery, L., Piñeros, M., Znaor, A., & Soerjomatara, I., Bray, F. (2024). *Global cancer observatory:Cancer today.* https://gco.iarc.who.int/today

Fishbein, J. N., Nisotel, L. E., MacDonald, J. J., Amoyal Pensak, N., Jacobs, J. M., Flanagan, C., Jethwani, K., & Greer, J. A. (2017). Mobile Application to Promote Adherence to Oral Chemotherapy and Symptom Management: A Protocol for Design and Development. *JMIR Research Protocols*, *6*(4), e62. https://doi.org/10.2196/resprot.6198

Fitzpatrick, P. J. (2023). Improving health literacy using the power of digital communications to achieve better health outcomes for patients and practitioners. *Frontiers in Digital Health*, *5*, 1264780. https://doi.org/10.3389/fdgth.2023.1264780

Foster, C., Breckons, M., Cotterell, P., Barbosa, D., Calman, L., Corner, J., Fenlon, D., Foster, R., Grimmett, C., Richardson, A., & Smith, P. W. (2015). Cancer survivors' self-efficacy to self-manage in the year following primary treatment. *Journal of Cancer Survivorship : Research and Practice*, *9*(1), 11–19. https://doi.org/10.1007/s11764-014-0384-0

Freund, T., Gensichen, J., Goetz, K., Szecsenyi, J., & Mahler, C. (2013). Evaluating self-efficacy for managing chronic disease: psychometric properties of the six-item Self-Efficacy Scale in Germany. *Journal of Evaluation in Clinical Practice*, *19*(1), 39–43. https://doi.org/https://doi.org/10.1111/j.1365-2753.2011.01764.x

Garcia, S. (2014). The effects of education on anxiety levels in patients receiving chemotherapy for the first time: an integrative review. *Clinical Journal of Oncology Nursing*, *18*(5), 516–521. https://doi.org/10.1188/14.CJON.18-05AP

Giesler, J. M., Keller, B., Repke, T., Leonhart, R., Weis, J., Muckelbauer, R., Rieckmann, N., Müller-Nordhorn, J., Lucius-Hoene, G., & Holmberg, C. (2017). Effect of a Website That Presents Patients' Experiences on Self-Efficacy and Patient Competence of Colorectal Cancer Patients: Web-Based

Randomized Controlled Trial. *J Med Internet Res*, *19*(10), e334. https://doi.org/10.2196/jmir.7639

Giuliani, M., Papadakos, T., & Papadakos, J. (2020). Propelling a New Era of Patient Education into Practice-Cancer Care Post-COVID-19. In *International journal of radiation oncology, biology, physics* (Vol. 108, Issue 2, pp. 404–406). https://doi.org/10.1016/j.ijrobp.2020.05.036

Gómez-Batiste, X., Mateo-Ortega, D., Lasmarías, C., Novellas, A., Espinosa, J., Beas, E., Ela, S., & Barbero, J. (2017). Enhancing psychosocial and spiritual palliative care: Four-year results of the program of comprehensive care for people with advanced illnesses and their families in Spain. *Palliative and Supportive Care*, *15*(1), 98–109. https://doi.org/DOI: 10.1017/S1478951516000857

Gondhowiardjo, S. (2021). Cancer Epidemiology Based on Hospital-Based Cancer Registry at National Referral Hospital of Indonesia, 2013. *EJournal Kedokteran Indonesia*, *9*(1 SE-Research Article), 36. https://doi.org/10.23886/ejki.9.31.36

Gong, J., Chen, M., Cao, Q., Lin, Y., Loke, A. Y., & Li, Q. (2023). A qualitative study about colorectal cancer patients and spousal caregivers' experience and needs during COVID-19: implications for self-efficacy intervention. *Asia-Pacific Journal of Oncology Nursing*, *10*(2), 100179. https://doi.org/10.1016/j.apjon.2022.100179

Greer, J. A., Jacobs, J. M., Pensak, N., Nisotel, L. E., Fishbein, J. N., MacDonald, J. J., Ream, M. E., Walsh, E. A., Buzaglo, J., Muzikansky, A., Lennes, I. T., Safren, S. A., Pirl, W. F., & Temel, J. S. (2020). Randomized Trial of a Smartphone Mobile App to Improve Symptoms and Adherence to Oral Therapy for Cancer. *Journal of the National Comprehensive Cancer Network : JNCCN*, *18*(2), 133–141. https://doi.org/10.6004/jnccn.2019.7354

Guo, Y., Logan, H. L., Glueck, D. H., & Muller, K. E. (2013). Selecting a sample size for studies with repeated measures. In *BMC medical research methodology* (Vol. 13, p. 100). https://doi.org/10.1186/1471-2288-13-100

Han, M., & Lee, E. (2018). Effectiveness of Mobile Health Application Use to Improve Health Behavior Changes: A Systematic Review of Randomized Controlled Trials. *Healthcare Informatics Research*, *24*(3), 207–226. https://doi.org/10.4258/hir.2018.24.3.207

Harris, C. S., Kober, K. M., Conley, Y. P., Dhruva, A. A., Hammer, M. J., & Miaskowski, C. A. (2022). Symptom clusters in patients receiving chemotherapy: A systematic review. *BMJ Supportive &Amp; Palliative Care*, *12*(1), 10 LP – 21. https://doi.org/10.1136/bmjspcare-2021-003325

Haryani, H., Hsu, Y.-Y., Warsini, S., & Wang, S.-T. (2018). Measuring the Symptom Experience of Patients With Cancer in Indonesia: Cross-Cultural Adaptation and Validation of the Memorial Symptom Assessment Scale-Indonesian Version. *Journal of Pain and Symptom Management*, *56*(6), 920–927. https://doi.org/10.1016/j.jpainsymman.2018.08.016

Heydari, M. R., Taghva, F., Amini, M., & Delavari, S. (2019). Using Kirkpatrick's model to measure the effect of a new teaching and learning methods workshop for health care staff. *BMC Research Notes*, *12*(1), 388. https://doi.org/10.1186/s13104-019-4421-y

Hoffman, A. J. (2013). Enhancing self-efficacy for optimized patient outcomes through the theory of symptom self-management. *Cancer Nursing*, *36*(1), E16-26. https://doi.org/10.1097/NCC.0b013e31824a730a

Hood, A. M., Nwankwo, C., Walton, A., McTate, E., Joffe, N., Quinn, C. T., Britto, M. T., Peugh, J., Mara, C. A., & Crosby, L. E. (2021). Mobile health use predicts self-efficacy and self-management in adolescents with sickle cell disease. *Translational Behavioral Medicine*, *11*(10), 1823–1831. https://doi.org/10.1093/tbm/ibab041

Hossain, M. B., & Haldar Neer, A. H. (2023). *Chemotherapy BT - Therapeutic Approaches in Cancer Treatment* (A. S. Qazi & K. Tariq, Eds.; pp. 49–58). Springer International Publishing. https://doi.org/10.1007/978-3-031-27156-4_3

Hsu, H.-C., Tsai, S.-Y., Wu, S.-L., Jeang, S.-R., Ho, M.-Y., Liou, W.-S., Chiang, A.-J., & Chang, T.-H. (2017). Longitudinal perceptions of the side effects of chemotherapy in patients with gynecological cancer. *Supportive Care in Cancer*, *25*(11), 3457–3464. https://doi.org/10.1007/s00520-017-3768-7

Huang, F.-F., Yang, Q., Wang, A.-N., & Zhang, J.-P. (2018). Psychometric properties and performance of existing self-efficacy instruments in cancer populations: a systematic review. *Health and Quality of Life Outcomes*, *16*(1), 241. https://doi.org/10.1186/s12955-018-1066-9

Huang, M., Chen, M., Ye, W., & Zhang, D. (2019). Chapter 3 - VEGFR Inhibitors as Sensitizing Agents for Cancer Chemotherapy. In Z.-S. Chen & D.-H. B. T.-P. K. I. as S. A. for C. Yang (Eds.), *Cancer Sensitizing Agents for Chemotherapy* (Vol. 4, pp. 29–43). Academic Press. https://doi.org/https://doi.org/10.1016/B978-0-12-816435-8.00003-1

Huang, Q., Wu, F., Zhang, W., Stinson, J., Yang, Y., & Yuan, C. (2022). Risk factors for low self-care self-efficacy in cancer survivors: Application of latent profile analysis. *Nursing Open*, *9*(3), 1805–1814. https://doi.org/10.1002/nop2.926

Ikatania, N., Agustina, H. R., & Solehati, T. (2015). Gambaran Self-Efficay Pada Pasien Kanker Payudara yang Menjalani Kemoterapi di RSUP DR. Hasan Sadikin Bandung. *Simposium Nasional Keparawatan Kritis*, 1–15.

Ingadóttir, B. (2016). *Learning as a patient : What and how individuals want to learn when preparing for surgery, and the potential use of serious games in their education* [Linköping University]. https://doi.org/10.3384/diss.diva-132387

Invernizzi, M., Sire, A. de, Venetis, K., Cigna, E., Carda, S., Borg, M., Cisari, C., & Fusco, N. (2022). Quality of Life Interventions in Breast Cancer Survivors: State of the Art in Targeted Rehabilitation Strategies. In *Anti-Cancer Agents in Medicinal Chemistry* (Vol. 22, Issue 4, pp. 801–810). https://doi.org/http://dx.doi.org/10.2174/1871520621666210609095602

Irawati, H. R., Afiyanti, Y., & Sudaryo, M. K. (2019). Effects of a support group to self efficacy of breast cancer patients that receiving chemotherapy. *JKKI : Jurnal Kedokteran Dan Kesehatan Indonesia*, *10*(3 SE-Original Article), 246–254. https://doi.org/10.20885/JKKI.Vol10.Iss3.art7

Janssen, A., Shah, K., Rabbets, M., Nagrial, A., Pene, C., Zachulski, C., Phillips, J. L., Harnett, P., & Shaw, T. (2023). Feasibility of Microlearning for Improving the Self-Efficacy of Cancer Patients Managing Side Effects of Chemotherapy. *Journal of Cancer Education*, *38*(5), 1697–1709. https://doi.org/10.1007/s13187-023-02324-6

Jim, H. S. L., Small, B., Faul, L. A., Franzen, J., Apte, S., & Jacobsen, P. B. (2011). Fatigue, depression, sleep, and activity during chemotherapy: daily and intraday variation and relationships among symptom changes. *Annals of Behavioral Medicine : A Publication of the Society of Behavioral Medicine*, *42*(3), 321–333. https://doi.org/10.1007/s12160-011-9294-9

Kane, K., Kennedy, F., Absolom, K. L., Harley, C., & Velikova, G. (2023). Quality of life support in advanced cancer-web and technological interventions: systematic review and narrative synthesis. *BMJ Supportive & Palliative Care*, *13*(e2), e221–e234. https://doi.org/10.1136/bmjspcare-2020-002820

Kang, H. (2021). Sample size determination and power analysis using the G*Power software. *Journal of Educational Evaluation for Health Professions*, *18*, 17. https://doi.org/10.3352/jeehp.2021.18.17

Kapoor, Akshat, Nambisan, Priya, & Baker, Elizabeth. (2020). Mobile applications for breast cancer survivorship and self-management: A systematic review. *Health Informatics Journal*, *26*(4), 2892–2905. https://doi.org/10.1177/1460458220950853

Karaaslan-Eşer, A., & Ayaz-Alkaya, S. (2021). The effect of a mobile application on treatment adherence and symptom management in patients using oral anticancer agents: A randomized controlled trial. *European Journal of Oncology Nursing*, *52*, 101969. https://doi.org/https://doi.org/10.1016/j.ejon.2021.101969

Karahan, E. B., & Izgu, N. (2023). Impact of symptom burden and self-efficacy on functional status in advanced breast cancer patients: A path analysis. *Nursing & Health Sciences*, *25*(3), 354–364. https://doi.org/https://doi.org/10.1111/nhs.13033

Kaswari, M. (2018). *Cancer patient's self-efficacy and their behaviours in managing treatment-related symptoms.* Chiba University.

Kelleher, S. A., Somers, T. J., Locklear, T., Crosswell, A. D., & Abernethy, A. P. (2016). *Using patient reported outcomes in oncology clinical practice*. *13*(1), 6–11. https://doi.org/doi:10.1016/j.sjpain.2016.05.035

Kemenkes RI. (2018). *Laporan Nasional RISKESDAS 2018*. Lembaga penerbitan Bdan Penelitian dan Pengembangan Kesehatan.

Kim, H. J., Kim, S. M., Shin, H., Jang, J.-S., Kim, Y. I., & Han, D. H. (2018). A Mobile Game for Patients With Breast Cancer for Chemotherapy Self-Management and Quality-of-Life Improvement: Randomized Controlled Trial. *Journal of Medical Internet Research*, *20*(10), e273. https://doi.org/10.2196/jmir.9559

Kim, S. M., Kim, D. S., Jang, Y., Kim, M. K., Yu, E.-S., Han, D. H., & Kim, H. J. (2025). Evaluating the Effectiveness of a Mobile App for Breast Cancer Self-Management on Self-Efficacy: Nonrandomized Intervention Trial. *JMIR MHealth and UHealth*, *13*, e63989. https://doi.org/10.2196/63989

Kim, Y. H., Choi, K. S., Han, K., & Kim, H. W. (2018). A psychological intervention programme for patients with breast cancer under chemotherapy and at a high risk of depression: A randomised clinical trial. *Journal of Clinical Nursing*, *27*(3–4), 572–581. https://doi.org/10.1111/jocn.13910

Kırca, K., & Kutlutürkan, S. (2021). Self-Efficacy in Coping Behaviors of Cancer Patients: Who Am I and What Can I Accomplish? TT - Kanser Tanılı Hastaların Baş Etme Davranışlarında Öz-Etkililik: Ben Kimim ve Neleri Gerçekleştirebilirim? *Turkish Journal of Family Medicine and Primary Care*, *15*(3), 610–621. https://doi.org/10.21763/tjfmpc.744412

Kondratowicz, B., Godlewska-Werner, D., Połomski, P., & Khosla, M. (2022). Satisfaction with job and life and remote work in the COVID-19 pandemic: the role of perceived stress, self-efficacy and self-esteem. *Current Issues in*

Personality Psychology, *10*(1), 49–60. https://doi.org/10.5114/cipp.2021.108097

Kuan, C.-C., Kuo, W.-H., Chang, S.-H., & Sun, H.-F. (2023). A longitudinal study on the changes in the self-efficacy of breast cancer patients during adjuvant chemotherapy. *Nursing Open*, *10*(5), 2912–2919. https://doi.org/10.1002/nop2.1533

Kurt, S., & Sarikaya, N. A. (2022). Correlation of self-efficacy and symptom control in cancer patients. *Supportive Care in Cancer*, *30*(7), 5849–5857. https://doi.org/10.1007/s00520-022-06972-0

Lakens, D. (2013). Calculating and reporting effect sizes to facilitate cumulative science: a practical primer for t-tests and ANOVAs. *Frontiers in Psychology*, *4*, 863. https://doi.org/10.3389/fpsyg.2013.00863

Lewis, J. R., & Sauro, J. (2009). *The Factor Structure of the System Usability Scale BT - Human Centered Design* (M. Kurosu, Ed.; pp. 94–103). Springer Berlin Heidelberg.

Li, J., & Kuang, X. (2024). Global cancer statistics of young adults and its changes in the past decade: Incidence and mortality from GLOBOCAN 2022. *Public Health*, *237*, 336–343. https://doi.org/10.1016/j.puhe.2024.10.033

Liang, S.-Y., Chao, T.-C., Tseng, L.-M., Tsay, S.-L., Lin, K.-C., & Tung, H.-H. (2016). Symptom-Management Self-efficacy Mediates the Effects of Symptom Distress on the Quality of Life Among Taiwanese Oncology Outpatients With Breast Cancer. *Cancer Nursing*, *39*(1), 67–73. https://doi.org/10.1097/NCC.0000000000000244

Linda, R. T. (2024). *Hubungan Karakter Resiliensi dengan Efikasi Diri Manajemen Gejala pada Pasien Kanker yang Menjalani Kemoterapi di RSUP Dr. Sardjito* [Unpublished Undergraduate Thesis]. Universitas Gadjah Mada.

Llewellyn, C. D., Ayers, S., McManus, C., Newman, S., Petrie, K. J., Revenson, T. A., & Weinman, J. (2019). *Cambridge Handbook of Psychology, Health and Medicine: Third edition* (3rd ed.). Cambridge University Press. https://doi.org/https://doi.org/10.1017/9781316783269

Lopez-Garrido, G. (2023). *Bandura's Self-Efficacy Theory Of Motivation In Psychology*. https://www.simplypsychology.org/self-efficacy.html. Retrieved December 13, 2024.

Lorig, K. R., Sobel, D. S., Ritter, P. L., Laurent, D., & Hobbs, M. (2001). Effect of a self-management program on patients with chronic disease. *Effective Clinical Practice : ECP*, *4*(6), 256–262.

Lustberg, M. B., Kuderer, N. M., Desai, A., Bergerot, C., & Lyman, G. H. (2023). Mitigating long-term and delayed adverse events associated with cancer treatment: implications for survivorship. *Nature Reviews. Clinical Oncology*, *20*(8), 527–542. https://doi.org/10.1038/s41571-023-00776-9

Maaß, L., Freye, M., Pan, C.-C., Dassow, H.-H., Niess, J., & Jahnel, T. (2022). The Definitions of Health Apps and Medical Apps From the Perspective of Public Health and Law: Qualitative Analysis of an Interdisciplinary Literature Overview. *JMIR MHealth and UHealth*, *10*(10), e37980. https://doi.org/10.2196/37980

Magalhães, B., Fernandes, C., Lima, L., Martinez-Galiano, J. M., & Santos, C. (2020). Cancer patients' experiences on self-management of chemotherapy treatment-related symptoms: A systematic review and thematic synthesis. *European Journal of Oncology Nursing*, *49*, 101837. https://doi.org/https://doi.org/10.1016/j.ejon.2020.101837

Mattar, M., Umutoni, F., Hassan, M. A., Wamburu, M. W., Turner, R., Patton, J. S., Chen, X., & Lei, W. (2024). Chemotherapy-Induced Peripheral Neuropathy: A Recent Update on Pathophysiology and Treatment. In *Life* (Vol. 14, Issue 8). https://doi.org/10.3390/life14080991

McPherson, C. J., Higginson, I. J., & Hearn, J. (2001). Effective methods of giving information in cancer: a systematic literature review of randomized controlled trials. *Journal of Public Health Medicine*, *23*(3), 227–234. https://doi.org/10.1093/pubmed/23.3.227

Mekuria, A. B., Erku, D. A., & Belachew, S. A. (2016). Preferred information sources and needs of cancer patients on disease symptoms and management: a cross-sectional study. *Patient Preference and Adherence*, *10*, 1991–1997. https://doi.org/10.2147/PPA.S116463

Mikkonen, K., Helminen, E.-E., Saarni, S. I., & Saarni, S. E. (2024). Learning Outcomes of e-Learning in Psychotherapy Training and Comparison With Conventional Training Methods: Systematic Review. *Journal of Medical Internet Research*, *26*, e54473. https://doi.org/10.2196/54473

Miller, M. A., & Stoeckel, P. R. (2024). *Client Education: Theory and Practice* (4th ed.). Jones & Bartlett Learning.

Miranda, F. M. de, Santos, B. V. Dos, Kristman, V. L., & Mininel, V. A. (2025). Employing Kirkpatrick's framework to evaluate nurse training: an integrative review. *Revista Latino-Americana de Enfermagem*, *33*, e4431. https://doi.org/10.1590/1518-8345.7250.4431

Mohajan, H. K. (2017). Two Criteria for Good Measurements in Research: Validity and Reliability. *Annals of Spiru Haret University. Economic Series*, *17*(4), 59–82. https://doi.org/10.26458/1746

Mohd-Sidik, S., Akhtari-Zavare, M., Periasamy, U., Rampal, L., Fadhilah, S. I., & Mahmud, R. (2018). Effectiveness of chemotherapy counselling on self-esteem and psychological affects among cancer patients in Malaysia: Randomized controlled trial. *Patient Education and Counseling*, *101*(5), 862–871. https://doi.org/https://doi.org/10.1016/j.pec.2018.01.004

Muhamed, N. A., Kerie, S., Biresaw, H., Zewdie, A., Habtie, A., & Kassa, A. (2023). Lived Experiences of Adult Cancer Patients Undergoing Chemotherapy Treatment at University of Gondar Specialized Hospital, North West Ethiopia, 2021. *Journal of Patient Experience*, *10*, 23743735231166496. https://doi.org/10.1177/23743735231166496

Mumtaz, D. F., Effendy, C., & Haryani, H. (2022). Impact of Pre-Chemotherapy Education with Audio Visual Methods on the Self-Efficacy of Symptom Management in Patients with Cancer. *Journal of Cancer Education : The Official Journal of the American Association for Cancer Education*, *37*(5), 1546–1552. https://doi.org/10.1007/s13187-021-02006-1

Mystakidou, K., Parpa, E., Tsilika, E., Gogou, P., Panagiotou, I., Galanos, A., Kouvaris, I., & Gouliamos, A. (2010). Self-efficacy, depression, and physical distress in males and females with cancer. *The American Journal of Hospice & Palliative Care*, *27*(8), 518–525. https://doi.org/10.1177/1049909110376808

Nairn, R. C., & Merluzzi, T. V. (2019). Enhancing coping skills for persons with cancer utilizing mastery enhancement: a pilot randomized clinical trial. *Journal of Behavioral Medicine*, *42*(3), 423–439. https://doi.org/10.1007/s10865-018-0004-y

National Cancer Institute. (2021). *Understanding What is Cancer?* https://www.cancer.gov/about-cancer/understanding/what-is-cancer. Retrieved July 05, 2024.

National Cancer Institute. (2022a). *Cancer Staging*. https://www.cancer.gov/about-cancer/diagnosis-staging/staging. Retrieved October 30, 2024.

National Cancer Institute. (2022b). *Chemotherapy to Treat Cancer*. https://www.cancer.gov/about-cancer/treatment/types/chemotherapy. Retrieved November 07, 2024.

National Cancer Institute. (2024). *Chemotherapy and You*. https://www.cancer.gov/publications/patient-education/chemo-and-you. Retrieved January 09, 2025.

Nazli, N. N., Hizam, S. M., Abu Hasan, N. N., & Abdullah, A. S. (2022). Theory of Training Effectiveness Evaluation By Kirkpatrick Background of theory. In *The Handbook For Management Theories* (pp. 1–8). ABRN ASIA.

Neuss, M. N., Gilmore, T. R., Belderson, K. M., Billett, A. L., Conti-Kalchik, T., Harvey, B. E., Hendricks, C., LeFebvre, K. B., Mangu, P. B., McNiff, K., Olsen, M., Schulmeister, L., Von Gehr, A., & Polovich, M. (2016). 2016 Updated American Society of Clinical Oncology/Oncology Nursing Society Chemotherapy Administration Safety Standards, Including Standards for Pediatric Oncology. *Journal of Oncology Practice*, *12*(12), 1262–1271. https://doi.org/10.1200/JOP.2016.017905

Ng, B., Puspitaningtyas, H., Wiranata, J. A., Hutajulu, S. H., Widodo, I., Anggorowati, N., Sanjaya, G. Y., Lazuardi, L., & Sripan, P. (2023). Breast cancer incidence in Yogyakarta, Indonesia from 2008-2019: A cross-sectional study using trend analysis and geographical information system. *PloS One*, *18*(7), e0288073. https://doi.org/10.1371/journal.pone.0288073

Niedzwiedz, C. L., Knifton, L., Robb, K. A., Katikireddi, S. V., & Smith, D. J. (2019). Depression and anxiety among people living with and beyond cancer: a growing clinical and research priority. *BMC Cancer*, *19*(1), 943. https://doi.org/10.1186/s12885-019-6181-4

Novrianda, D., Haryanti, F., Supriyadi, E., Lazuardi, L., & Herini, E. S. (2022). Development and Evaluation of Internet-based Health Technology in Pediatric Oncology: A Scoping Review. *Asian Pacific Journal of Cancer Prevention : APJCP*, *23*(4), 1125–1135. https://doi.org/10.31557/APJCP.2022.23.4.1125

Nowicki, G. J., Mazurek, W., Waśkowicz, A., Kowalczyk, E., Kozioł, J., Miłosz, M., Dzieńkowski, M., & Ślusarska, B. (2024). Development and pre-evaluation of a "DiagNurse" mobile app to support nurses in clinical diagnosis using the ADDIE model. *Scientific Reports*, *14*(1), 29765. https://doi.org/10.1038/s41598-024-81813-0

Olsen, M. M., LeFebvre, K. B., & Brassil, K. J. (2019). *Chemotherapy and Immunotherapy Guidelines and Recommendations for Practice* (1st ed.). Oncology Nursing Society.

Oswald, L. B., Eisel, S. L., Tometich, D. B., Bryant, C., Hoogland, A. I., Small, B. J., Apte, S. M., Chon, H. S., Shahzad, M. M., Gonzalez, B. D., & Jim, H. S. L. (2022). Cumulative burden of symptomatology in patients with gynecologic malignancies undergoing chemotherapy. *Health Psychology : Official*

Journal of the Division of Health Psychology, American Psychological Association, *41*(11), 864–873. https://doi.org/10.1037/hea0001190

Papadakos, J., Barnsley, J., Berta, W., Rowlands, G., Samoil, D., & Howell, D. (2022). The association of self-efficacy and health literacy to chemotherapy self-management behaviors and health service utilization. *Supportive Care in Cancer : Official Journal of the Multinational Association of Supportive Care in Cancer*, *30*(1), 603–613. https://doi.org/10.1007/s00520-021-06466-5

Papadopoulou, A., Govina, O., Tsatsou, I., Mantzorou, M., Mantoudi, A., Tsiou, C., & Adamakidou, T. (2022a). Quality of life, distress, anxiety and depression of ambulatory cancer patients receiving chemotherapy. *Medicine and Pharmacy Reports*, *95*(4), 418–429. https://doi.org/10.15386/mpr-2458

Papadopoulou, A., Govina, O., Tsatsou, I., Mantzorou, M., Mantoudi, A., Tsiou, C., & Adamakidou, T. (2022b). Quality of life, distress, anxiety and depression of ambulatory cancer patients receiving chemotherapy. *Medicine and Pharmacy Reports*, *95*(4), 418–429. https://doi.org/10.15386/mpr-2458

Papadopoulou, C., Kotronoulas, G., Schneider, A., Miller, M. I., McBride, J., Polly, Z., Bettles, S., Whitehouse, A., McCann, L., Kearney, N., & Maguire, R. (2017). Patient-Reported Self-Efficacy, Anxiety, and Health-Related Quality of Life During Chemotherapy: Results From a Longitudinal Study. *Oncology Nursing Forum*, *44*(1), 127–136. https://doi.org/10.1188/17.ONF.127-136

Park, J.-H., Jung, Y. S., Kim, J. Y., & Bae, S. H. (2022). Mobile web-based self-management program for breast cancer patients with chemotherapy-induced amenorrhoea: A quasi-experimental study. *Nursing Open*, *9*(1), 655–665. https://doi.org/https://doi.org/10.1002/nop2.1113

Passik, S. D., Kirsh, K. L., Rosenfeld, B., McDonald, M. V, & Theobald, D. E. (2001). The changeable nature of patients' fears regarding chemotherapy: implications for palliative care. *Journal of Pain and Symptom Management*, *21*(2), 113–120. https://doi.org/10.1016/s0885-3924(00)00249-9

Patel, S. (2020). *Assessing the Need for Standardized Pre-Chemotherapy Education: An Outpatient Oncology Clinic Initiative* [University of San Diego]. https://doi.org/https://doi.org/10.22371/07.2020.031

Pearce, A., Haas, M., Viney, R., Pearson, S.-A., Haywood, P., Brown, C., & Ward, R. (2017). Incidence and severity of self-reported chemotherapy side effects in routine care: A prospective cohort study. *PloS One*, *12*(10), e0184360. https://doi.org/10.1371/journal.pone.0184360

Peters, M., Potter, C. M., Kelly, L., & Fitzpatrick, R. (2019). Self-efficacy and health-related quality of life: a cross-sectional study of primary care patients

with multi-morbidity. *Health and Quality of Life Outcomes*, *17*(1), 37. https://doi.org/10.1186/s12955-019-1103-3

Pitman, A., Suleman, S., Hyde, N., & Hodgkiss, A. (2018). Depression and anxiety in patients with cancer. *BMJ*, *361*, k1415. https://doi.org/10.1136/bmj.k1415

Polit, D. F., & Beck, C. T. (2022). *Essentials of Nursing Research: Appraising Evidence for Nursing Practice* (10th ed.). Wolters Kluwer.

Pueyo-Garrigues, M., Whitehead, D., Pardavila-Belio, M. I., Canga-Armayor, A., Pueyo-Garrigues, S., & Canga-Armayor, N. (2019). Health education: A Rogerian concept analysis. *International Journal of Nursing Studies*, *94*, 131–138. https://doi.org/https://doi.org/10.1016/j.ijnurstu.2019.03.005

Qian, H., & Yuan, C. (2012). Factors Associated With Self-care Self-efficacy Among Gastric and Colorectal Cancer Patients. *Cancer Nursing*, *35*(3). https://doi.org/10.1097/NCC.0b013e31822d7537

Raghunathan, N. J., Korenstein, D., Li, Q. S., Tonorezos, E. S., & Mao, J. J. (2018). Determinants of mobile technology use and smartphone application interest in cancer patients. *Cancer Medicine*, *7*(11), 5812–5819. https://doi.org/10.1002/cam4.1660

Rizvi, D. S. (2022). Health education and global health: Practices, applications, and future research. *Journal of Education and Health Promotion*, *11*, 262. https://doi.org/10.4103/jehp.jehp_218_22

Rogers, B., Pesata, B., Lee, J.-H., Zhao, J., Krieger, J., & Daily, K. (2021). Chemotherapy education: current practices of oncology nurses counseling patients. *Supportive Care in Cancer : Official Journal of the Multinational Association of Supportive Care in Cancer*, *29*(12), 7323–7328. https://doi.org/10.1007/s00520-021-06308-4

Rosen, R., & Sapra, A. (2023). *TNM Classification*. StatPearls Publishing. https://www.ncbi.nlm.nih.gov/books/NBK553187/

Rottmann, N., Dalton, S. O., Christensen, J., Frederiksen, K., & Johansen, C. (2010). Self-efficacy, adjustment style and well-being in breast cancer patients: a longitudinal study. *Quality of Life Research*, *19*(6), 827–836. https://doi.org/10.1007/s11136-010-9653-1

Saeidnia, H. R., Kozak, M., Ausloos, M., Herteliu, C., Mohammadzadeh, Z., Ghorbi, A., Karajizadeh, M., & Hassanzadeh, M. (2022). Development of a Mobile App for Self-Care Against COVID-19 Using the Analysis, Design, Development, Implementation, and Evaluation (ADDIE) Model: Methodological Study. *JMIR Formative Research*, *6*(9), e39718. https://doi.org/10.2196/39718

Şahin, Z. A., & Ergüney, S. (2016). Effect on Symptom Management Education Receiving Patients of Chemotherapy. *Journal of Cancer Education : The Official Journal of the American Association for Cancer Education*, *31*(1), 101–107. https://doi.org/10.1007/s13187-015-0801-8

Samadbeik, M., Garavand, A., Aslani, N., Sajedimehr, N., & Fatehi, F. (2023). Mobile health interventions for cancer patient education: A scoping review. *International Journal of Medical Informatics*, *179*, 105214. https://doi.org/https://doi.org/10.1016/j.ijmedinf.2023.105214

Sarveswaran, G., & Mathur, P. (2023). Educational interventions to improve participation of communities in cancer screening programs. *Cancer Research, Statistics, and Treatment*, *6*(3). https://doi.org/10.4103/crst.crst_224_23

Sato, M., & Sumi, N. (2015). Factors related to self-efficacy among men and women undergoing outpatient chemotherapy in Japan. *Scandinavian Journal of Caring Sciences*, *29*(4), 745–750. https://doi.org/https://doi.org/10.1111/scs.12205

Schleider, J. L., & Beidas, R. S. (2022). Harnessing the Single-Session Intervention approach to promote scalable implementation of evidence-based practices in healthcare. *Frontiers in Health Services*, *2*, 997406. https://doi.org/10.3389/frhs.2022.997406

Sharfina, Z., & Santoso, H. B. (2016). An Indonesian adaptation of the System Usability Scale (SUS). *2016 International Conference on Advanced Computer Science and Information Systems (ICACSIS)*, 145–148. https://doi.org/10.1109/ICACSIS.2016.7872776

Shelby, R. A., Edmond, S. N., Wren, A. A., Keefe, F. J., Peppercorn, J. M., Marcom, P. K., Blackwell, K. L., & Kimmick, G. G. (2014). Self-efficacy for coping with symptoms moderates the relationship between physical symptoms and well-being in breast cancer survivors taking adjuvant endocrine therapy. *Supportive Care in Cancer : Official Journal of the Multinational Association of Supportive Care in Cancer*, *22*(10), 2851–2859. https://doi.org/10.1007/s00520-014-2269-1

Shi, N., Ching Wong, A. K., Yuet Wong, F. K., Zhang, N., Zhu, W., Shen, K., Lai, X., Jin, Y., Gu, C., Nie, L., & Dong, X. (2024). Feasibility of a mobile health app-based self-management program for Chinese patients with breast cancer receiving chemotherapy: A randomized controlled pilot study. *Digital Health*, *10*, 20552076241231560. https://doi.org/10.1177/20552076241231560

Shi, N., Wong, A. K. C., Wong, F. K. Y., & Sha, L. (2023). Mobile Health Application-Based Interventions to Improve Self-management of Chemotherapy-Related Symptoms Among People with Breast Cancer Who

Are Undergoing Chemotherapy: A Systematic Review. *The Oncologist*, *28*(4), e175–e182. https://doi.org/10.1093/oncolo/oyac267

Shim, E.-J., Lee, J. W., & Min, Y. H. (2018). Does depression decrease the moderating effect of self-efficacy in the relationship between illness perception and fear of progression in breast cancer? *Psycho-Oncology*, *27*(2), 539–547. https://doi.org/10.1002/pon.4532

Shimada, S. L., Zocchi, M. S., Hogan, T. P., Kertesz, S. G., Rotondi, A. J., Butler, J. M., Knight, S. J., DeLaughter, K., Kleinberg, F., Nicklas, J., Nazi, K. M., & Houston, T. K. (2020). Impact of Patient-Clinical Team Secure Messaging on Communication Patterns and Patient Experience: Randomized Encouragement Design Trial. *J Med Internet Res*, *22*(11), e22307. https://doi.org/10.2196/22307

Shorey, S., & Lopez, V. (2021). *Self-Efficacy in a Nursing Context BT - Health Promotion in Health Care – Vital Theories and Research* (G. Haugan & M. Eriksson, Eds.; pp. 145–158). Springer International Publishing. https://doi.org/10.1007/978-3-030-63135-2_12

Silvera-Tawil, D., Pocock, C., Bradford, D., Donnell, A., Freyne, J., Harrap, K., & Brinkmann, S. (2021). Enabling Nurse-Patient Communication With a Mobile App: Controlled Pretest-Posttest Study With Nurses and Non–English-Speaking Patients. *JMIR Nursing*, *4*(3), e19709. https://doi.org/10.2196/19709

Singer, S., Blettner, M., Kreienberg, R., Janni, W., Wöckel, A., Kühn, T., Felberbaum, R., Flock, F., & Schwentner, L. (2015). Breast Cancer Patients' Fear of Treatment: Results from the Multicenter Longitudinal Study BRENDA II. *Breast Care (Basel, Switzerland)*, *10*(2), 95–100. https://doi.org/10.1159/000381933

Solikhah, S., Perwitasari, D. A., & Rejeki, D. S. S. (2022). Geographic Characteristics of Various Cancers in Yogyakarta Province, Indonesia: A Spatial Analysis at the Community Level. *Asian Pacific Journal of Cancer Prevention : APJCP*, *23*(4), 1231–1238. https://doi.org/10.31557/APJCP.2022.23.4.1231

Spoelstra, S. L., Given, C. W., Sikorskii, A., Coursaris, C. K., Majumder, A., DeKoekkoek, T., Schueller, M., & Given, B. A. (2016). Proof of Concept of a Mobile Health Short Message Service Text Message Intervention That Promotes Adherence to Oral Anticancer Agent Medications: A Randomized Controlled Trial. *Telemedicine Journal and E-Health : The Official Journal of the American Telemedicine Association*, *22*(6), 497–506. https://doi.org/10.1089/tmj.2015.0126

Stancey, D., & The Pan-Canadian Oncology Symptom Triage and Remote Support (COSTaRS). (2024). *Remote Symptom Practice Guides for Adults on Cancer*

Treatments (5.0). University of Ottawa School of Nursing and the Ottawa Hospital Research Institute. https://decisionaid.ohri.ca/costars/Research/. Retrieved January 09, 2025.

Stanford Patient Education Research Center. (2013). *Self-Efficacy for Managing Chronic Disease 6-Item Scale*.

Stenberg, U., Vågan, A., Flink, M., Lynggaard, V., Fredriksen, K., Westermann, K. F., & Gallefoss, F. (2018). Health economic evaluations of patient education interventions a scoping review of the literature. *Patient Education and Counseling*, *101*(6), 1006–1035. https://doi.org/10.1016/j.pec.2018.01.006

Sullivan, G. M., & Feinn, R. (2012). Using Effect Size-or Why the P Value Is Not Enough. *Journal of Graduate Medical Education*, *4*(3), 279–282. https://doi.org/10.4300/JGME-D-12-00156.1

Suryani, D., Nuraini, T., Gayatri, D., & Milanti, A. (2023). Unraveling the Link between Self-efficacy and self-management in Breast Cancer Patients during the COVID-19 Pandemic: A Cross-sectional Study. In *The Open Nursing Journal* (Vol. 17). Bentham Science. https://doi.org/10.2174/0118744346267039231030104321

Susilowati, I., Nuraini, T., Gayatri, D., & Afiyanti, Y. (2024). The effect of therapeutic regimen education on improving the self-efficacy in cancer patients undergoing haemodialysis: a quasi-experimental study. *Jurnal Ners*, *19*(3), 284–291. https://doi.org/10.20473/jn.v19i3.54116

Tabrizi, M. F., Alizadeh, S., & Barjasteh, S. (2017). Managerial Self-Efficacy for Chemotherapy-Related Symptoms and Related Risk Factors in Women with Breast Cancer. *Asian Pacific Journal of Cancer Prevention : APJCP*, *18*(6), 1549–1553. https://doi.org/10.22034/APJCP.2017.18.6.1549

Tariman, J. D., Doorenbos, A., Schepp, K. G., Singhal, S., & Berry, D. L. (2014). Information Needs Priorities in Patients Diagnosed With Cancer: A Systematic Review. *Journal of the Advanced Practitioner in Oncology*, *2014*(5), 115–122.

Thiagarajan, M., Chan, C. M. H., Fuang, H. G., Beng, T. S., Atiliyana, M. A., & Yahaya, N. A. (2016). Symptom Prevalence and Related Distress in Cancer Patients Undergoing Chemotherapy. *Asian Pacific Journal of Cancer Prevention : APJCP*, *17*(1), 171–176. https://doi.org/10.7314/apjcp.2016.17.1.171

Thom, B., & Benedict, C. (2019). The Impact of Financial Toxicity on Psychological Well-Being, Coping Self-Efficacy, and Cost-Coping Behaviors in Young Adults with Cancer. *Journal of Adolescent and Young Adult Oncology*, *8*(3), 236–242. https://doi.org/10.1089/jayao.2018.0143

Valenti, R. B. (2014). Chemotherapy education for patients with cancer: a literature review. *Clinical Journal of Oncology Nursing*, *18*(6), 637–640. https://doi.org/10.1188/14.CJON.637-640

Varghese, S. D., Pai, R. R., & Udupa, K. (2022). Information needs assessment and development of information booklet for patients with cancer receiving chemotherapy: A cross-sectional analysis. *Cancer Research, Statistics, and Treatment*, *5*(2). https://doi.org/10.4103/crst.crst_6_22

Walker, L. O., & Avant, K. C. (2019). *Strategies for Theory Construction in Nursing* (6th ed.). Pearson Prentice Hall.

Walker, Z. J., Xue, S., Jones, M. P., & Ravindran, A. V. (2021). Depression, Anxiety, and Other Mental Disorders in Patients With Cancer in Low- and Lower-Middle–Income Countries: A Systematic Review and Meta-Analysis. *JCO Global Oncology*, *7*, 1233–1250. https://doi.org/10.1200/GO.21.00056

Waller, A., Forshaw, K., Bryant, J., & Mair, S. (2014). Interventions for preparing patients for chemotherapy and radiotherapy: a systematic review. *Supportive Care in Cancer*, *22*(8), 2297–2308. https://doi.org/10.1007/s00520-014-2303-3

Wechsler, S., Fu, M. R., Lyons, K., Wood, K. C., & Wood Magee, L. J. (2023). The Role of Exercise Self-Efficacy in Exercise Participation Among Women With Persistent Fatigue After Breast Cancer: A Mixed-Methods Study. *Physical Therapy*, *103*(1), pzac143. https://doi.org/10.1093/ptj/pzac143

White, L. L., Cohen, M. Z., Berger, A. M., Kupzyk, K. A., & Bierman, P. J. (2019). Self-Efficacy for Management of Symptoms and Symptom Distress in Adults With Cancer: An Integrative Review. *Oncology Nursing Forum*, *46*(1), 113–128. https://doi.org/10.1188/19.ONF.113-128

White, L. L., Cohen, M. Z., Berger, A. M., Kupzyk, K. A., Swore-Fletcher, B. A., & Bierman, P. J. (2017). Perceived Self-Efficacy: A Concept Analysis for Symptom Management in Patients With Cancer. *Clinical Journal of Oncology Nursing*, *21*(6), E272–E279. https://doi.org/10.1188/17.CJON.E272-E279

Wilson, B. E., Jacob, S., Yap, M. L., Ferlay, J., Bray, F., & Barton, M. B. (2019). Estimates of global chemotherapy demands and corresponding physician workforce requirements for 2018 and 2040: a population-based study. *The Lancet. Oncology*, *20*(6), 769–780. https://doi.org/10.1016/S1470-2045(19)30163-9

Wirawan, A. A., Hutajulu, S. H., & Haryani, H. (2022). The Effect of Prechemotherapy Education Using Audio Visual Methods on the Distress of

Patients with Cancer. *Journal of Cancer Education*, *37*(2), 414–420. https://doi.org/10.1007/s13187-020-01830-1

Witwaranukool, P., Seedadard, R., Krongthaeo, S., & Leaungsomnapa, Y. (2024). Quality of Life and Associated Factors among Cancer Patients Receiving Chemotherapy during the COVID-19 Pandemic in Thailand. *International Journal of Environmental Research and Public Health*, *21*(3). https://doi.org/10.3390/ijerph21030317

World Health Organization. (2018). *Noncommunicable diseases Indonesia 2018 country profile*. https://www.who.int/publications/m/item/noncommunicable-diseases-idn-country-profile-2018. Retrieved July 03, 2024.

World Health Organization. (2022). *Cancer*. https://www.who.int/news-room/fact-sheets/detail/cancer. Retrieved October 30, 2024.

World Health Organization. (2024). *Global cancer burden growing, amidst mounting need for services*. https://www.who.int/news/item/01-02-2024-global-cancer-burden-growing--amidst-mounting-need-for-services#:~:text=Over 35 million new cancer,20 million cases in 2022. Retrieved July 12, 2024.

World Health Organization, & International Telecommunication Union. (2024). *Going digital for noncommunicable diseases: the case for action*. *World Health Organization*. https://iris.who.int/handle/10665/378478. Retrieved August 13, 2025.

Xu, A., Wang, Y., & Wu, X. (2019). Effectiveness of e-health based self-management to improve cancer-related fatigue, self-efficacy and quality of life in cancer patients: Systematic review and meta-analysis. *Journal of Advanced Nursing*, *75*(12), 3434–3447. https://doi.org/10.1111/jan.14197

Yarbro, C. H., Wujcik, D., & Gobel, B. H. (2013). *Cancer Symptom Management* (4th ed.). Jones & Bartlett Learning.

Yusuf, A., P Iskandar, Y. H., Ab Hadi, I. S., Nasution, A., & Lean Keng, S. (2022). Breast awareness mobile apps for health education and promotion for breast cancer. *Frontiers in Public Health*, *10*, 951641. https://doi.org/10.3389/fpubh.2022.951641

Zhang, M., Zheng, M., Liu, W., Wen, Y., Wu, X., & Liu, Q. (2015). The influence of demographics, psychological factors and self-efficacy on symptom distress in colorectal cancer patients undergoing post-surgical adjuvant chemotherapy. *European Journal of Oncology Nursing*, *19*(1), 89–96. https://doi.org/https://doi.org/10.1016/j.ejon.2014.08.002

Zhu, J., Ebert, L., Liu, X., Wei, D., & Chan, S. W.-C. (2018). Mobile Breast Cancer e-Support Program for Chinese Women With Breast Cancer Undergoing Chemotherapy (Part 2): Multicenter Randomized Controlled Trial. *JMIR MHealth and UHealth*, *6*(4), e104. https://doi.org/10.2196/mhealth.9438

Ziner, K. W., Sledge, G. W., Bell, C. J., Johns, S., Miller, K. D., & Champion, V. L. (2012). Predicting fear of breast cancer recurrence and self-efficacy in survivors by age at diagnosis. *Oncology Nursing Forum*, *39*(3), 287–295. https://doi.org/10.1188/12.ONF.287-295

Zulkosky, K. (2009). Self-Efficacy: A Concept Analysis. *Nursing Forum*, *44*(2), 93–102. https://doi.org/https://doi.org/10.1111/j.1744-6198.2009.00132.x