

## DAFTAR PUSTAKA

1. World Health Organization. Cancer Fact Sheets [Internet]. 2018. Available from: <https://www.who.int/news-room/fact-sheets/detail/cancer>
2. Angahar LT. An Overview of Breast Cancer Epidemiology, Risk Factors, Pathophysiology, and Cancer Risks Reduction. *MOJ Biol Med.* 2017;1(4):92–6.
3. Kementerian Kesehatan RI Badan Penelitian dan Pengembangan. Hasil Utama Riset Kesehatan Dasar. Kementerian Kesehatan Republik Indonesia [Internet]. 2018;1–100. Available from: <http://www.depkes.go.id/resources/download/info-terkini/hasil-risikesdas-2018.pdf>
4. World Health Organization. Cancer Country Profile 2020. 2020;(2019):2019–20.
5. Rahmatya A, Khambri D, Mulyani H. Hubungan Usia dengan Gambaran Klinikopatologi Kanker Payudara di Bagian Bedah RSUP Dr. M. Djamil Padang. *J Kesehat Andalas.* 2015;478–84.
6. Hasnita Y, Harahap WA, Defrin. Artikel Penelitian Pengaruh Faktor Risiko Hormonal pada Pasien Kanker. *J Kesehat Andalas.* 2019;8(3):522–8.
7. Mariotto AB, Etzioni R, Hurlbert M, Penberthy L, Mayer M. Estimation of the number of women living with metastatic breast cancer in the United States. *Cancer Epidemiol Biomarkers Prev.* 2017;26(6):809–15.
8. Jamnasi J, Gondhowiardjo S, Djoerban Z, Siregar NC, Poetiray EDC, Tunggono AP. Faktor Risiko Terjadinya Metastasis Jauh pada Pasien Kanker Payudara. *J Indones Radiat Oncol Soc.* 2016;7(2):55–9.
9. Georgalas I, Paraskevopoulos T, Koutsandrea C, Kardara E, Malamos P, Ladas D, et al. Ophthalmic metastasis of breast cancer and ocular side effects from breast cancer treatment and management: Mini review. *Biomed Res Int.* 2015;2015.
10. Coleman RE, Roodman, Smith, Body, Suva, Vessella. Clinical features of metastatic bone disease and risk of skeletal morbidity. *Clin Cancer Res.* 2006;12(20 PART 2).
11. Macedo F, Ladeira K, Pinho F, Saraiva N, Bonito N, Pinto L, et al. Bone metastases: An overview. *Oncol Rev.* 2017;11(1).
12. Fielda Djuita D. Radiasi pada Metastasis Tulang. *Indonesia Journal of Cancer.* 2007. p. 135–9.
13. Widikusumo A. Radiasi Paliatif Sebagai Tatalaksana Nyeri Pada Metastasis Tulang : Suatu Laporan Kasus Pada Kanker Palliative Radiation As Management of Pain in Bone Metastasis : Breast Cancer Case Study. 2016;
14. Marpaung MRA. Karakteristik Penderita Kanker Payudara dengan Metastasis Jauh Tunggal di Kota Padang Tahun 2014-2018. *eSkripsi Universitas Andalas.* 2018;53(9):1689–99.
15. Chalasani P. Breast Cancer: Practice Essentials, Background, Anatomy [Internet]. *MedScape.* 2020. Available from: <https://emedicine.medscape.com/article/1947145-overview>
16. Ellis H, Mahadevan V. Anatomy and physiology of the breast. *Surg (United Kingdom)* [Internet]. 2013;31(1):11–4. Available from:

- <http://dx.doi.org/10.1016/j.mpsur.2012.10.018>
17. Gabriel, Allen; Maxwell GP. Breast Anatomy: Overview, Vascular Anatomy and Innervation of the Breast, Breast Parenchyma and Support Structures [Internet]. 2016. Available from: <http://reference.medscape.com/article/1273133-overview#showall>
  18. Globocan Observatory 2019 IARC. Breast Cancer in World. World Health Organization International Agency for Research Cancer [Internet]. 2019;876:2018–9. Available from: <http://gco.iarc.fr/today%0Ahttps://gco.iarc.fr/today/data/factsheets/populations/900-world-fact-sheets.pdf>
  19. Ghoncheh M, Mahdavifar N, Darvishi E, Salehiniya H. Epidemiology, incidence and mortality of breast cancer in Asia. *Asian Pacific J Cancer Prev*. 2016;17(June 2017):47–52.
  20. Globocan Observatory 2019 IARC. Breast Cancer in Asia. World Health Organization International Agency for Research Cancer. 2019;029:2018–9.
  21. Komite Penanggulangan Kanker Nasional. Panduan Penatalaksanaan Kanker Payudara. Kementerian Kesehatan Republik Indonesia [Internet]. 2015;1, 12–4, 24–6, 45. Available from: <http://kanker.kemkes.go.id/guidelines/PPKPayudara.pdf>
  22. Sukmayenti NS. Analisis Determinan Kanker Payudara Pada Wanita Di RSUP DR. M. Djamil Padang Tahun 2018. *J Kesehat* [Internet]. 2019;1(1):77–86. Available from: <http://journals.ums.ac.id/index.php/JK/article/view/7668>
  23. Feng Y, Spezia M, Huang S, Yuan C, Zeng Z, Zhang L, et al. Breast cancer development and progression: Risk factors, cancer stem cells, signaling pathways, genomics, and molecular pathogenesis. *Genes Dis* [Internet]. 2018;5(2):77–106. Available from: <https://doi.org/10.1016/j.gendis.2018.05.001>
  24. Rojas K, Stuckey A. Breast Cancer Epidemiology and Risk Factors. *Clin Obstet Gynecol*. 2016;59(4):651–72.
  25. Kleibl Z, Kristensen VN. Women at high risk of breast cancer: Molecular characteristics, clinical presentation and management. *Breast* [Internet]. 2016;28:136–44. Available from: <http://dx.doi.org/10.1016/j.breast.2016.05.006>
  26. Lidegaard O. Reproductive Factors and Breast Cancer. *Maturitas*. 2012;71(1):S6–7.
  27. Suardita IW, Chrisnawati, Agustina DM. Faktor-faktor resiko pencetus prevalensi kanker payudara. *J Keperawatan Suaka Insa* [Internet]. 2016;1(2):1–14. Available from: <http://journal.stikessuakainsan.ac.id/index.php/jksi/article/view/40>
  28. Mukhopadhyay P, Chakraborty S, Ponnusamy MP, Lakshmanan I, Jain M, Batra SK. Mucins in the pathogenesis of breast cancer: Implications in diagnosis, prognosis and therapy. *Biochim Biophys Acta - Rev Cancer*. 2011;1815(2):224–40.
  29. Pavani Chalasani M. Breast Cancer: Practice Essentials, Background, Anatomy [Internet]. Medscape. 2020. Available from: <https://emedicine.medscape.com/article/1947145-overview#a5>
  30. Abdulkareem I. Aetio-pathogenesis of breast cancer. Vol. 54, *Nigerian*

- Medical Journal. 2013. p. 371.
31. Butti R, Das S, Gunasekaran VP, Yadav AS, Kumar D, Kundu GC. Receptor tyrosine kinases (RTKs) in breast cancer: Signaling, therapeutic implications and challenges. *Mol Cancer*. 2018;17(1):1–18.
  32. Donegan WL, Lewis JD. Clinical diagnosis and staging of breast cancer. *Semin Oncol*. 1978;5(4):373–84.
  33. Shah R, Rosso K, David Nathanson S. Pathogenesis, prevention, diagnosis and treatment of breast cancer. *World J Clin Oncol*. 2014;5(3):283–98.
  34. Amin MB, Greene FL, Edge SB, Compton CC, Gershenwald JE, Brookland RK, et al. The Eighth Edition AJCC Cancer Staging Manual: Continuing to build a bridge from a population-based to a more “personalized” approach to cancer staging. *CA Cancer J Clin*. 2017;67(2):93–9.
  35. Association of Breast Surgery at BASO. Surgical guidelines for the management of breast cancer. *European Journal of Surgical Oncology*. 2009;35:S1–22.
  36. Waks AG, Winer EP. Breast Cancer Treatment: A Review. *JAMA - J Am Med Assoc*. 2019;321(3):288–300.
  37. windrasari wessi, Wahyuni FS, Khambri D. Evaluasi Terapi Adjuvant Hormonal Dan Hubungannya Terhadap Outcome Klinis Pasien Kanker Payudara Stadium Dini Di Kota Padang. *JSFK (Jurnal Sains Farm Klin)*. 2019;5(3):176–84.
  38. Smoot B, Wampler M, Topp KS. Breast cancer treatments and complications: Implications for rehabilitation. *Rehabil Oncol*. 2009;27(3):16–26.
  39. Mi Y, Lv P, Wang F, Li L, Zhu M, Cao Q, et al. Efficacy, late complications, and cosmetic outcomes of targeted intraoperative radiotherapy in breast-conserving surgery for early-stage breast cancer: A single-centre study in China. *Jpn J Clin Oncol*. 2019;49(12):1120–5.
  40. Prognosis and survival for breast cancer - Canadian Cancer Society [Internet]. Available from: <http://www.cancer.ca/en/cancer-information/cancer-type/breast/prognosis-and-survival/?region=on>
  41. Riquelme MA, Cardenas ER, Jiang JX. Osteocytes and Bone Metastasis. *Front Endocrinol (Lausanne)*. 2020;11(October):1–11.
  42. Hernandez RK, Wade SW, Reich A, Pirolli M, Liede A, Lyman GH. Incidence of bone metastases in patients with solid tumors: Analysis of oncology electronic medical records in the United States. *BMC Cancer*. 2018;18(1):1–11.
  43. Agustina J, Sinulingga D, Suzanna E, Andinata B, Ramadhan R, Kadir A. Epidemiology of Female Breast Cancer in West Jakarta, Indonesia. Vol. 4, *Journal of Global Oncology*. 2018. p. 65s-65s.
  44. Brook N, Brook E, Dharmarajan A, Dass CR, Chan A. Breast cancer bone metastases: pathogenesis and therapeutic targets. *Int J Biochem Cell Biol* [Internet]. 2018;96:63–78. Available from: <http://dx.doi.org/10.1016/j.biocel.2018.01.003>
  45. Suva LJ, Griffin RJ, Makhoul I. Mechanisms of bone metastases of breast cancer. *Endocr Relat Cancer*. 2009;16(3):703–13.
  46. Costelloe CM, Rohren EM, Madewell JE, Hamaoka T, Theriault RL, Yu TK, et al. Imaging bone metastases in breast cancer: techniques and

- recommendations for diagnosis. *Lancet Oncol.* 2009;10(6):606–14.
47. Liu T, Wang S, Liu H, Meng B, Zhou F, He F, et al. Detection of vertebral metastases: a meta-analysis comparing MRI, CT, PET, BS and BS with SPECT. *J Cancer Res Clin Oncol.* 2017;143(3):457–65.
  48. Hamaoka T, Madewell JE, Podoloff DA, Hortobagyi GN, Ueno NT. Bone imaging in metastatic breast cancer. *J Clin Oncol.* 2004;22(14):2942–53.
  49. Han SN, Amant F, Michielsen K, De Keyzer F, Fieuws S, Van Calsteren K, et al. Feasibility of whole-body diffusion-weighted MRI for detection of primary tumour, nodal and distant metastases in women with cancer during pregnancy: a pilot study. *Eur Radiol.* 2018;28(5):1862–74.
  50. Bostel T, Förster R, Schlampp I, Sprave T, Akbaba S, Wollschläger D, et al. Stability and survival analysis of elderly patients with osteolytic spinal bone metastases after palliative radiotherapy: Results from a large multicenter cohort. *Strahlentherapie und Onkol.* 2019;195(12):1074–85.
  51. Kosmin M, Padhani AR, Sokhi H, Thijssen T, Makris A. Patterns of disease progression in patients with local and metastatic breast cancer as evaluated by whole-body magnetic resonance imaging. *Breast [Internet].* 2018;40:82–4. Available from: <https://doi.org/10.1016/j.breast.2018.04.019>
  52. Cha MJ, Yoon YC. Clinical relevance of the apparent diffusion coefficient value of metastatic bone tumours on diffusion-weighted MRI images: differences according to the types of primary tumour, the affected bones, and clinical factors. *Clin Radiol [Internet].* 2015;70(10):1116–21. Available from: <http://dx.doi.org/10.1016/j.crad.2015.05.015>
  53. Hage WD, Aboulaflia AJ, Aboulaflia DM. Incidence, location, and diagnostic evaluation of metastatic bone disease. *Orthop Clin North Am.* 2000;31(4):515–28.
  54. Kuechle JB, McGrath BE, Khoury T, Mindell ER. A case of long term survival with skeletal only metastatic breast cancer. *Int J Surg Case Rep.* 2015;6:280–4.
  55. Cook GJR, Fogelman I. Skeletal metastases from breast cancer: Imaging with nuclear medicine. *Semin Nucl Med.* 1999;29(1):69–79.
  56. Bastawrous S, Bhargava P, Behnia F, Djang DSW, Haseley DR. Newer PET application with an old tracer: Role of <sup>18</sup>F-NaF skeletal PET/CT in oncologic practice. *Radiographics.* 2014;34(5):1295–316.
  57. Liede A, Jerzak KJ, Hernandez RK, Wade SW, Sun P, Narod SA. The incidence of bone metastasis after early-stage breast cancer in Canada. *Breast Cancer Res Treat.* 2016;156(3):587–95.
  58. Harries M, Taylor A, Holmberg L, Agbaje O, Garmo H, Kabilan S, et al. Incidence of bone metastases and survival after a diagnosis of bone metastases in breast cancer patients. *Cancer Epidemiol [Internet].* 2014;38(4):427–34. Available from: <http://dx.doi.org/10.1016/j.canep.2014.05.005>
  59. Sousa S, Clézardin P. Bone-Targeted Therapies in Cancer-Induced Bone Disease. *Calcif Tissue Int.* 2018;102(2):227–50.
  60. Coleman RE, Rubens RD. The clinical course of bone metastases from breast cancer. *Br J Cancer [Internet].* 1987;55(1):61–6. Available from: <https://doi.org/10.1038/bjc.1987.13>
  61. Xu J, Acharya S, Sahin O, Zhang Q, Saito Y, Yao J, et al. 14-3-3ζ Turns

- TGF- $\beta$ 's Function from Tumor Suppressor to Metastasis Promoter in Breast Cancer by Contextual Changes of Smad Partners from p53 to Gli2. *Cancer Cell* [Internet]. 2015;27(2):177–92. Available from: <http://dx.doi.org/10.1016/j.ccell.2014.11.025>
62. Aslama AW. Identifikasi Drug Related Problems (DRPs) Kategori Ketidaktepatan Dosis, Kontraindikasi dan Interaksi Obat pada Pasien Kanker Payudara di Instalasi Rawat Inap RSUD Dr. Moewardi Tahun 2018. Skripsi Fak Farm Univ Muhammadiyah Surakarta. 2019;
  63. Wu Q, Li J, Zhu S, Wu J, Chen C, Liu Q, et al. Breast cancer subtypes predict the preferential site of distant metastases: A SEER based study. *Oncotarget*. 2017;8(17):27990–6.
  64. He ZY, Wu SG, Peng F, Zhang Q, Luo Y, Chen M, et al. Up-regulation of RFC3 promotes triple negative breast cancer metastasis and is associated with poor prognosis via EMT. *Transl Oncol* [Internet]. 2017;10(1):1–9. Available from: <http://dx.doi.org/10.1016/j.tranon.2016.10.004>
  65. Medeiros B, Allan AL. Molecular mechanisms of breast cancer metastasis to the lung: Clinical and experimental perspectives. *Int J Mol Sci*. 2019;20(9).
  66. Ni Putu Diah Rakasiwi1, Gede Budhi Setiawan2 IGNWA. Karakteristik Kanker Payudara dengan Metastasis Tulang Tahun 2015-2017 di RSUP Sanglah Denpasar. *Issn 2597-8012 J Med Udayana*. 2020;9(1):10–2.
  67. Xiong Z, Deng G, Huang X, Li X, Xie X, Wang J, et al. Bone metastasis pattern in initial metastatic breast cancer: A population-based study. *Cancer Manag Res*. 2018;10:287–95.
  68. Xie J, Ying YY, Xu B, Li Y, Zhang X, Li C. Metastasis pattern and prognosis of male breast cancer patients in US: a population-based study from SEER database. *Ther Adv Med Oncol*. 2019;11:1–12.
  69. Sun Y, Zhao Z, Yang Z, Xu F, Lu H, Zhu Z, et al. Risk Factors and Preventions of Breast Cancer. 2017;13.
  70. Giordano M.D. M.P.H. SH. *Breast Cancer in Men*. *N Engl J Med*. 2018;381:2311–20.
  71. Hagberg KW, Taylor A, Hernandez RK, Jick S. Incidence of bone metastases in breast cancer patients in the United Kingdom: Results of a multi-database linkage study using the general practice research database. *Cancer Epidemiol* [Internet]. 2013;37(3):240–6. Available from: <http://dx.doi.org/10.1016/j.canep.2013.01.006>
  72. Coleman RE, Smith P, Rubens RD. Clinical course and prognostic factors following bone recurrence from breast cancer. *Br J Cancer*. 1998;77(2):336–40.
  73. Yazdani A, Dorri S, Atashi A, Shirafkan H, Zabolinezhad H. Bone Metastasis Prognostic Factors in Breast Cancer. *Breast Cancer Basic Clin Res*. 2019;13.
  74. Pulido C, Vendrell I, Ferreira AR, Casimiro S, Mansinho A, Alho I, et al. Bone metastasis risk factors in breast cancer. *Ecancermedicalscience*. 2017;11:1–17.
  75. Sucitra. Karakteristik Penderita Kanker Payudara yang Mengalami Metastase ke Tulang Berdasarkan Gejala Klinis dan Radiologi Periode 2015-2017 di RSUP Dr. Wahidin Sudirohusodo Makassar. Fak Kedokt Univ

- Hasanuddin. 2017;
76. Tanaka R, Yonemori K, Hirakawa A, Kinoshita F, Takahashi N, Hashimoto J, et al. Risk Factors for Developing Skeletal-Related Events in Breast Cancer Patients With Bone Metastases Undergoing Treatment With Bone-Modifying Agents. *Oncologist*. 2016;21(4):508–13.
  77. Kan C, Vargas G, Le Pape F, Clézardin P. Cancer cell colonisation in the bone microenvironment. *Int J Mol Sci*. 2016;17(10).
  78. Yong M, Jensen AØ, Jacobsen JB, Nørgaard M, Fryzek JP, Sørensen HT. Survival in breast cancer patients with bone metastases and skeletal-related events: A population-based cohort study in Denmark (1999-2007). *Breast Cancer Res Treat*. 2011;129(2):495–503.
  79. Kakhki VRD, Anvari K, Sadeghi R, Mahmoudian AS, Torabian-Kakhki M. Pattern and distribution of bone metastases in common malignant tumors. *Nucl Med Rev*. 2013;16(2):66–9.
  80. Tofe AJ, Francis MD, Harvey WJ, Procter T, Company G, Laboratories MV. Correlation Incidence of and With of Skeletal of Scans Analysis Metastases : An Analysis of 1,355 Diphosphonate Bone Scans. *J Nucl Med*. 1975;
  81. Roberts S, Peyman S, Speirs V. Current and Emerging 3D Models to Study Breast Cancer. Vol. 1152, *Advances in Experimental Medicine and Biology*. 2019. 413–427 p.
  82. Reddington JA, Mendez GA, Ching A, Kubicky CD, Klimo P, Ragel BT. Imaging characteristic analysis of metastatic spine lesions from breast, prostate, lung, and renal cell carcinomas for surgical planning: Osteolytic versus osteoblastic. *Surg Neurol Int*. 2016;7(14):S361–5.
  83. Quattrocchi CC, Piciucchi S, Sammarra M, Santini D, Vincenzi B, Tonini G, et al. Bone metastases in breast cancer: higher prevalence of osteosclerotic lesions. *Radiol Medica*. 2007;112(7):1049–59.
  84. Roodman GD. Mechanisms of Bone Metastasis Formation. *N Engl J Med*. 2007;201(3):229–36.
  85. Onishi T, Hayashi N, Theriault RL, Hortobagyi GN, Ueno NT. Future directions of bone-targeted therapy for metastatic breast cancer. *Nat Rev Clin Oncol* [Internet]. 2010;7(11):641–51. Available from: <http://dx.doi.org/10.1038/nrclinonc.2010.134>