

DAFTAR PUSTAKA

1. Irwan. Epidemiologi Penyakit Tidak Menular. Yogyakarta: Absolute Media; 2018.
2. Ng CH, Bhoo Pathy N, Taib NA, Teh YC, Mun KS, Amiruddin A, et al. Comparison of Breast Cancer in Indonesia and Malaysia. A Clinico-Pathological Study Between Dharmais Cancer Centre Jakarta and University Malaya Medical Centre, Kuala Lumpur. *Asian Pacific J Cancer Prev.* 2011;12(11):2943–6.
3. Ghoncheh M, Mahdavi N, Darvishi E, Salehiniya H. Epidemiology, Incidence and Mortality of Breast Cancer in Asia. *Asian Pacific J Cancer Prev.* 2016;17:47–52.
4. World Health Organization. Breast Cancer. 2021; Available from: <https://www.who.int/news-room/fact-sheets/detail/breast-cancer>.
5. Kementerian Kesehatan Republik Indonesia. Kanker Payudara Paling Banyak di Indonesia, Kemenkes Targetkan Pemerataan Layanan Kesehatan. 2022; Available from: <https://www.kemkes.go.id/article/view/22020400002/kanker-payudara-paling-banyak-di-indonesia-kemenkes-targetkan-pemerataan-layanan-kesehatan.html>.
6. Dinas Kesehatan Provinsi Kalimantan Barat. Profil Kesehatan Provinsi Kalimantan Barat [Internet]. 2017. Available from: <https://dinkes.kalbarprov.go.id/wp-content/uploads/2018/08/PROFIL-KESEHATAN-PROV-KALBAR-TH-2017.pdf>
7. Fitriyani. Kecemasan Wanita Penderita Kanker Payudara Di Ruang Bedah Wanita Di RSUD Dr. Soedarso [Internet]. 2016. Available from: <http://repository.unmuhpnk.ac.id/890/2/BAB I.pdf>
8. Dyanti GAR. Faktor-Faktor Keterlambatan Penderita Kanker Payudara Dalam Melakukan Pemeriksaan Awal Ke Pelayanan Kesehatan. *J Kesehat Masy.* 2016;11(2):96–104.
9. Rezo A, Dahlstrom J, Shadbolt B, Rodins K, Zhang Y, Davis AJ. Tumor Size and Survival in Multicentric and Multifocal Breast Cancer. *Breast* [Internet]. 2011;20(3):259–63. Available from: <http://dx.doi.org/10.1016/j.breast.2011.01.005>
10. Kasangian AA, Gherardi G, Biagioli E, Torri V, Moretti A, Bernardin E, et al. The Prognostic Role of Tumor Size in Early Breast Cancer in The Era of Molecular Biology. *PLoS One.* 2017;12(12):1–12.
11. Panigoro S, Hernowo BS, Purwanto H. Panduan Penatalaksanaan Kanker Payudara. *J Kesehat Masy* [Internet]. 2019;4(4):1–50. Available from: <http://kanker.kemkes.go.id/guidelines/PPKPayudara.pdf>
12. Septiawati T, Bagus I, Wibawa Manuaba T, Anda P, Adiputra T. Hubungan antara Microvessel Density dan Lymphovascular Invasion Dengan Metastasis Jauh Pada Pasien Kanker Payudara di RSUP Sanglah, Bali, Indonesia. *Intisari Sains Medis.* 2020;11(3):1436–42.

13. He L, Wang Q, Zhao X. Microvessel Density as a Prognostic Factor in Women with Breast Cancer: A Systematic Review of the Literature and Meta-Analysis Bernard. *Asian Pacific J Cancer Prev*. 2015;16(3):869–74.
14. Kraby MR, Opdahl S, Russnes HG, Bofin AM. Microvessel density in Breast Cancer: The Impact of Field Area on Prognostic Informativeness. *J Clin Pathol*. 2019;72(4):304–10.
15. Agnani B, Solanki R, Ansari M. Prognostic Significance of Microvessel Density as Assessed by anti CD34 Monoclonal Antibody in Invasive Ductal Carcinoma of Breast. *Asian Pacific J Cancer Biol*. 2020;5(3):75–9.
16. Pyakurel D, Karki S, Agrawal C. A Study on Microvascular Density in Breast Carcinoma. *J Pathol Nepal*. 2014;4(7):570–5.
17. Fischer, Urban. Sobotta Atlas of Human Anatomy. General Anatomy and Musculoskeletal System. Paulsen F WJ, editor. Vol. 15. Canada: Elsevier Inc., Philadelphia; 2011.
18. Khan YS, Sajjad H, Hospitals A. Anatomy , Thorax , Mammary Gland. In StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022. Available from: <https://pubmed.ncbi.nlm.nih.gov/31613446/>.
19. Rivard AB, Galarza-paez L, Peterson DC, Macomb M. Anatomy , Thorax , Breast. In StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK519575/>.
20. Gutierrez A PH. Histology , Mammary Glands [Internet]. StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK547732/>.
21. Mescher AL. Junqueira's Basic Histology: Text and Atlas. 13th ed. New York: McGraw-Hill Companies, Inc; 2016.
22. Gartner L HJ. Color Textbook of Histology. Third ed. Saunders Elsevier; 2014.
23. Muz B, de la Puente P, Azab F, Azab AK. The Role of Hypoxia in Cancer Progression, Angiogenesis, Metastasis, and Resistance to Therapy. *Hypoxia J*. 2015;83.
24. Rizki C. Perbandingan Antara Neoplasma Jinak dan Ganas Pada Payudara Berdasarkan Pemeriksaan Fisik Diagnostik Dan Biopsi Aspirasi Jarum Halus. *J Ibnu Sina Med*. 2019;41(2):84–93.
25. Pustadin Kemenkes RI. Infodatin : Bulan Peduli Kanker Payudara. In Jakarta: Kemenkes RI; 2016. p. 16–9.
26. Rasjidi I, L K, Iswati E. Deteksi Dini dan Pencegahan Kanker Pada Wanita. Jakarta: Sagung Seto; 2009.
27. Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan RI. Riset Kesehatan Dasar. 2013.
28. Kemenkes RI. Laporan Nasional Riskesdas 2018 [Internet]. Laporan Nasional Riskesdas 2018. Available from: http://labdata.litbang.kemkes.go.id/images/download/laporan/RKD/2018/Laporan_Nasional_RKD2018_FINAL.pdf.
29. Sun YS, Zhao Z, Yang ZN, Xu F, Lu HJ, Zhu ZY, et al. Risk Factors and Preventions of Breast Cancer. *Int J Biol Sci*. 2017;13(11):1387–97.
30. Robbin, Cotran K. Review of Pathology. Fourth ed. Elsevier Inc.; 2015.

31. Salam DM, Muhartono, Sukohar A, Bakri S. Analisis Hubungan Variabel Lingkungan Terhadap Kejadian Metastase Kanker Payudara Di Rsud Dr. H. Abdul Moeloek Bandar Lampung Tahun 2018. Semin Nas Pendidik Biol dan Saintek [Internet]. 2019;1–6. Available from: [http://repository.lppm.unila.ac.id/15040/1/Deby_Muhartono_Asep_Bakri_p.334 - 339-1.pdf](http://repository.lppm.unila.ac.id/15040/1/Deby_Muhartono_Asep_Bakri_p.334-339-1.pdf).
32. Rianti E, Ayu Tirtawati G, Novita H. Faktor-Faktor yang Berhubungan Dengan Risiko Kanker Payudara Wanita. *J Heal Qual*. 2011;3(1):10–23.
33. Knight JA, Fan J, Malone KE, John EM, Lynch CF, Langballe R, et al. Alcohol Consumption and Cigarette Smoking in Combination: A Predictor of Contralateral Breast Cancer Risk in The Wecare Study. *Int J Cancer*. 2017;141(5):916–24.
34. Catsburg C, Miller AB, Rohan TE. Active Cigarette Smoking and Risk of Breast Cancer. *Int J Cancer*. 2015;136(9):2204–9.
35. Arifputera A, Calistania C, Klarisa C, Priantono D, Wardhani dyah paramita, Wibisono E, et al. Kapita Selekt Kedokteran. Jakarta; 2014. 738 p.
36. Macdonald S, Oncology R, General M. Breast Cancer Breast Cancer. *J R Soc Med* [Internet]. 2016;70(8):515–7. Available from: <https://www2.tri-kobe.org/nccn/guideline/breast/english/breast.pdf>.
37. Paulsson AK, Sherertz T, Park CC. Breast cancer. *Radiat Oncol J*. 2018;343–99.
38. Yuliana. Risiko dan Deteksi Dini Kanker Payudara. *Cermin Dunia Kedokt*. 2018;45(2):144–9.
39. Kalli S, Semine A, Cohen S, Naber SP, Makim SS, Bahl M. American Joint Committee on Cancer's Staging System for Breast Cancer. *Radiogr J*. 2018;38(7):1921–33.
40. Qi H, Xiao S, Shi R, Ward MO, Chen Y, Tu W, et al. Mivrovascular Density of Regenerative Nodule to Small Hepatocellular Carcinoma by Automated Analysis Using CD105 and CD34 Immunoexpression. *BioMed Cent*. 2014;388:539–47.
41. Srivastava M, Tripathi S, Astekar M, Singal D, Srivastava A, Vashisth P. Sex Determination From Mesiodens of Indian Children by Amelogenin Gene. *J Forensic Dent Sci* [Internet]. 2008;9(3):125–9. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/29657488%0Ahttp://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=PMC5887634>.
42. Cook KM, Figg WD. Angiogenesis Inhibitors: Current Strategies and Future Prospects. *CA Cancer J Clin*. 2010;60(4):222–43.
43. Wibisono F, Suryanti S, Hernowo BS. Korelasi Ekspresi VEGF dan Densitas Mikrovesel Dengan Respons Radioterapi Adenokarsinoma Serviks. *Jmj*. 2014;2(2):167–77.
44. Bauman TM, Huang W, Lee MH, Abel EJ. Neovascularity as a Prognostic Marker in Renal Cell Carcinoma. *Hum Pathol* [Internet]. 2016;57:98–105. Available from: <http://dx.doi.org/10.1016/j.humpath.2016.07.005>.
45. Teh CSJ, Suhaili Z, Lim KT, Khamaruddin MA, Yahya F, Sajili MH, et al. Microvessel Density as a Predictor of PSA Recurrence After Radical

- Prostatecromy. *Nature*. 2018;388:539–47.
46. Frisca F, Sardjono CT, Sandra F. Angiogenesis : Patofisiologi dan Aplikasi Klinis. *JKM*. 2009;8:174–89.
 47. Yue B. Biology of the Extracellular Matrix : An Overview Major ECM elements Cellular receptors for ECM molecules ECM remodeling and modulation ECM as reservoir for bioactive molecules ECM provides chemical and physical cues. *J Glaucoma*. 2014;20–3.
 48. Kleinsmith LJ, Kerrigan D, Kelly J HB. Understanding Cancer and Related Topics Understanding Angiogenesis. 2008; Available from: <http://cancer.gov/cancertopics/understandingcancer>.
 49. The Angiogenesis Foundation. Understanding Angiogenesis. [Internet]. 2008;5–6. Available from: <http://www.angio.org/understanding/%0Aunderstanding.html>.
 50. Bergers G, Hanahan D. Modes of resistance to anti-angiogenic therapy. *Nat Rev Cancer*. 2008;8(8):592–603.
 51. Manetti M, Guiducci S, Ibba-Manneschi L, Matucci-Cerinic M. Mechanisms in The Loss of Capillaries in Systemic Sclerosis: Angiogenesis Versus Vasculogenesis. *J Cell Mol Med*. 2010;14(6 A):1241–54.
 52. Polverini PJ. Angiogenesis in Health and Disease: Insights into Basic Mechanisms and Therapeutic Opportunities. *J Dent Educ*. 2002;66(8):962–75.
 53. Dass CR. Tumour Angiogenesis, Vascular Biology and Enhanced Drug Delivery. *J Drug Target*. 2004;12(5):245–55.
 54. Eilken HM, Adams RH. Dynamics of Endothelial Cell Behavior in Sprouting Angiogenesis. *Curr Opin Cell Biol* [Internet]. 2010;22(5):617–25. Available from: <http://dx.doi.org/10.1016/j.ceb.2010.08.010>.
 55. Rasjidi I, L Kusumo EI. Coordinating cell behaviour during blood vessel formation. *Dev J*. 2011;138(21):4569–83.
 56. Madu CO, Wang S, Madu CO, Lu Y. Angiogenesis in Breast Cancer Progression , Diagnosis , and Treatment. *J Cancer*. 2020;11(3).
 57. Tannock IF et al. The Basic Science of Oncology. In: 4th ed. New York: Mc Graw Hill; 2005. p. 249–60.
 58. Prager GW, Poettler M, Unseld M, Zielinski CC. Angiogenesis in cancer: Anti-VEGF escape mechanisms. *Transl Lung Cancer Res*. 2012;1(1):14–25.
 59. Fox SB, Generali DG, Harris AL. Breast Tumour Angiogenesis. *Breast Cancer Res* [Internet]. 2007;11:1–11. Available from: <http://breast-cancer-research.com/content/9/6/216>.
 60. Yuan SY RR. Regulation of Endothelial Barrier Function. Structure and Function of Exchange Microvessels. In San Rafael (CA): Morgan & Claypool Life Sciences; 2010.
 61. International Union Against Cancer A. Clinical Stage Classification. Malignant Tumours of the Breast. *Br J Radiol*. 2014;141(3581):1094.
 62. Miyata Y, Mitsunari K, Asai A, Takehara K, Mochizuki Y, Sakai H. Pathological Significance and Prognostic Role of Microvessel Density,

- Evaluated Using CD31, CD34, And CD105 In Prostate Cancer Patients After Radical Prostatectomy With Neoadjuvant Therapy. *Prostate J*. 2015;75(1):84–91.
63. Radzikowska J, Krzeski A, Czarnecka AM, Klepacka T, Rychlowska-Pruszyńska M, Raciborska A, et al. Endoglin expression and Microvessel Density as Prognostic Factors in Pediatric Rhabdomyosarcoma. *Journal of Clinical Medicine*. 2021. p. 1–15.
 64. Kataria SP, Malik S, Yadav R, Kapil R, Sen R. Histomorphological and Morphometric Evaluation of Microvessel Density in Nodal Non-Hodgkin Lymphoma Using CD34 and CD105. *J Lab Physicians*. 2021;13(01):022–8.
 65. Yazama H, Kitatani K, Fujiwara K, Kato M, Hashimoto-Nishimura M, Kawamoto K, et al. Dietary Glucosylceramides Suppress Tumor Growth in a Mouse Xenograft Model of Head and Neck Squamous Cell Carcinoma By The Inhibition Of Angiogenesis Through An Increase In Ceramide. *Int J Clin Oncol*. 2015;20(3):438–46.
 66. Saidel GM. Quantitative Relationships of Intravascular Tumor Cells, Tumor Vessels, and Pulmonary Metastases following Tumor Implantation. *Cancer Res*. 1974;34(5):997–1004.
 67. Yulianti H, Hernowo BS. Hubungan Imunoekspresi CD34 dengan Gradasi dan Stadium (Duke) pada Adenokarsinoma Kolorektal. *Maj Kedokt Bandung*. 2013;45(4):240–4.
 68. Naeim F. Principles of Immunophenotyping. *Hematop J*. 2008;27–55.
 69. Fang L, He Y, Liu Y, Ding H, Tong Y, Hu L, et al. Adjustment of Microvessel Area by Stromal Area to Improve Survival Prediction in Non-Small Cell Lung Cancer. *J Cancer*. 2019;10(15):3397–406.
 70. He L, Wang Q, Zhao X. Microvessel Density as a Prognostic Factor in Ovarian Cancer: A Systematic Review and Meta-Analysis. *Asian Pacific J Cancer Prev*. 2015;16(3):869–74.
 71. Nursalam. Metodologi Penelitian Ilmu Keperawatan. Jakarta: Salemba Medika; 2017.
 72. Jayasinghe C, Simiantonaki N, Kirkpatrick CJ. Histopathological Features Predict Metastatic Potential in Locally Advanced Colon Carcinomas. *BMC Cancer*. 2015;15(1):1–14.
 73. Biesaga B, Niemiec J, Ziobro M. Microvessel Density and Status of p53 Protein as Potential Prognostic Factors for Adjuvant Anthracycline Chemotherapy in Retrospective Analysis of Early Breast Cancer Patients Group. 2012;949–60.
 74. Amar A, Giovanini AF, Rosas MP, Cervantes O. Lymph Node Reactivity and Microvessel Density in Neck Metastases of Unknown Primary Squamous Cell Carcinoma. *Rev Bras Otorrinolaringol* [Internet]. 2006;72(3):382–6. Available from: [http://dx.doi.org/10.1016/S1808-8694\(15\)30973-3](http://dx.doi.org/10.1016/S1808-8694(15)30973-3).
 75. Sugiyono. Metode Penelitian Kuantitatif, Kualitatif, dan R&D. Bandung Alf. Bandung: CV Alfabeta; 2017. 143 p.
 76. Cooper, D. R., & Schindler PS. Business Research Methods. 12th ed. The

- McGraw-Hill; 2014.
77. Millar EKA, Browne LH, Beretov J, Lee K, Lynch J, Swarbrick A, et al. Tumour Stroma Ratio Assessment Using Digital Image Analysis Predicts Survival in Triple Negative and Luminal Breast Cancer. 2020;
 78. Connolly JL, Schnitt SJ, Wang HH, Longtine JA, Dvorak A, Dvorak HF. Tumor Structure and Tumor Stroma. *Holland-Frei Cancer Med*. 6th Ed [Internet]. 2003;1–6. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK13447/>.
 79. Satya Wangsa IGMSW, Nirvana IW, Anda Tusta Adiputra PATA, Pande Arista Dewi NPA. Gambaran stadium dan jenis histopatologi kanker payudara di Subbagian Bedah Onkologi RSUP Sanglah Denpasar tahun 2015-2016. *Intisari Sains Medis*. 2018;9(1):80–4.
 80. Rizki Alfalah. Jenis Histopatologi Berdasarkan Stadium Pada Pasien Kanker Payudara di RSUCM Aceh Utara Tahun 2020. *Matriks J Sos dan Sains* [Internet]. 2022;4(1):21–30. Available from: <https://matriks.greenvest.co.id/index.php/jmt/article/view/130>.
 81. Amarwati S. Laporan Kasus Bilateral Breast Cancer ; Invasive Carcinoma of No Special Type Pada Mammar Dextra Disertai Mucinous Carcinoma Pada Mammar Sinistra. 2010.
 82. Ilham Malik Fajar, Yusuf Heriady, Hidayat Wahyu Aji. Karakteristik Usia, Gambaran Klinis dan Histopatologi Pasien Kanker Payudara di RSUD Al-Ihsan Provinsi Jawa Barat Periode Januari 2018 - Oktober 2020. *J Ris Kedokt*. 2021;1(2):85–91.
 83. Krishnapriya S, Malipatil B, Surekha S, Sundersingh S, Sridevi V, Ananthi B, et al. Microvessel Density (MVD) in Locally Advanced Breast Cancer. *Asian Pacific J Cancer Prev*. 2019;20(5):1537–45.
 84. Firasi AA, Jkd Y, Yudhanto E. Hubungan Usia Terhadap Derajat Diferensiasi Kanker Payudara Pada Wanita. *J Kedokt Diponegoro* [Internet]. 2016;5(4):327–36. Available from: <https://ejournal3.undip.ac.id/index.php/medico/article/viewFile/14218/13750>.
 85. Tichy JR, Lim E AC. Breast Cancer Facts & Figures 2009–2010. In Atlanta: American Cancer Society; 2012.
 86. Colak D, Nofal A, AlBakheet A, Nirmal M, Jeprel H, et al. Age- Specific Gene Expression Signatures for Breast Tumors and Cross-Species Conserved Potential Cancer Progression Markers In Young Women. *PLoS One*. 2013. 8(5): 63204.
 87. Windarti I. Characteristic Of Breast Cancer In Young Women In H. Abdul Moeloek Hospital Bandar Lampung. 2014;4(7):131–5.
 88. Stankov A, Bargallo-Rocha JE, Silvio AÑ-S, Ramirez MT, Stankova-Ninova K, Meneses-Garcia A. Prognostic Factors and Recurrence in Breast Cancer: Experience at the National Cancer Institute of Mexico. *ISRN Oncol*. 2012;2012(Lvi):1–7.
 89. Putri AR. Studi Literatur Penggunaan Psikoterapi Dalam Mengatasi Efek Samping Kemoterapi Pada Pasien Ca Mammar. 2020;14–5. Available from: <https://eprints.umm.ac.id/63642/>.

90. Sander MA. Profil Penderita Kanker Payudara Stadium Lanjut Baik Lokal Maupun Metastasis Jauh Di RSUP Hasan Sadikin Bandung. *Farmasains J Farm dan Ilmu Kesehat*. 2012;1(2).
91. Marpaung MRA, Khambri D, Asterina A. Karakteristik Penderita Kanker Payudara dengan Metastasis Jauh Tunggal di Kota Padang Tahun 2014-2018. *J Ilmu Kesehat Indones*. 2021;2(1):82–9.
92. Jamnasi J, Gondhowiardjo S, Djoerban Z SN, Poetiray EDC TA. Faktor Risiko Terjadinya Metastasis Jauh Pada Pasien Kanker Payudara. *Radioter Onkol Indones*. 2016;7(2):55–9.
93. Xiao W, Zheng S, Yang A, Zhang X, Zou Y, Tang H, et al. Breast Cancer Subtypes and The Risk of Distant Metastasis at Initial Diagnosis: A Population-Based Study. *Cancer Manag Res*. 2018;10:5329–38.
94. Minn AJ, Gupta GP, Padua D, Bos P, Nguyen DX, Nuyten D, et al. Lung Metastasis Genes Couple Breast Tumor Size and Metastatic Spread. *Proc Natl Acad*. 2007;104(16):6740–5.
95. Darma Yusra V, Machmud R, Yenita Y. Faktor-faktor yang Berhubungan dengan Tingkat Pengetahuan Wanita Usia Subur Tentang “SADARI” di Nagari Painan. *J Kesehat Andalas*. 2016;5(3):697–704.
96. Nabavizadeh N, Klifa C, Newitt D, Lu Y, Chen YY, Hsu H, Fisher C, Tokayasu T, Olshen AB, Spellman P, Gray JW, Hylton N PC. Topographic Enhancement Mapping Of The Cancer-Associated Breast Stroma Using Breast MRI. *Integr Biol (Camb)* [Internet]. 2011;23(1):1–7. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3624763/pdf/nihms412728.pdf>
97. Erdoğan N, Dengizmen A, Akyildiz İğdem A, Şahan E, Seza Tetikkurt Ü. Angiogenesis in Breast Cancers Without Lymph Node Metastasis. *Türk Patoloji Dergisi/Turkish J Pathol*. 2010;26(2):136–9.
98. Muhammad EM. Correlation of Microvessel Density (Mvd) and Proliferation Index (Pi) With Clinico-Pathological Parameters in Breast Carcinoma. *Assiut Med J*. 2013;37(3):155–74.
99. Gunel N, Akcali Z, Coskun U, Akyol G, Yamac D, Yenidünya S. Prognostic Importance of Tumor Angiogenesis in Breast Carcinoma With Adjuvant Chemotherapy. *Pathol Res Pract*. 2002;198(1):7–12.
100. Obermair A, Wasicky R, Kaider A, Preyer O, Lösch A, Leodolter S, et al. Prognostic Significance of Tumor Angiogenesis in Epithelial Ovarian Cancer. *Cancer Lett*. 1999;138(1–2):175–82.
101. Kwon GY, Lee SD, Park ES. Mast Cell and Macrophage Counts and Microvessel Density in Invasive Breast Carcinoma-Comparison Analysis with Clinicopathological Parameters. *Cancer Res Treat*. 2005;37(2):103.
102. Comşa Ş, Cîmpean AM, Ceauşu R, Suciu C, Raica M. Correlations Between Vascular Endothelial Growth Factor Expression, Microvascular Density in Tumor Tissues and TNM Staging in Breast Cancer. *Arch Biol Sci*. 2012;64(2):409–18.
103. Leek RD, Landers RJ, Harris AL, Lewis CE. Necrosis Correlates With High Vascular Density and Focal Macrophage Infiltration in Invasive

- Carcinoma Of The Breast. *Br J Cancer*. 1999;79(5–6):991–5.
104. Choi WWL, Lewis MM, Lawson D, Yin-Goen Q, Birdsong GG, Cotsonis GA, et al. Angiogenic and Lymphangiogenic Microvessel Density in Breast Carcinoma: Correlation With Clinicopathologic Parameters and VEGF-Family Gene Expression. *Mod Pathol*. 2005;18(1):143–52.
 105. Torii M, Fukui T, Inoue M, Kanao S, Umetani K, Shirai M, et al. Analysis of The Microvascular Morphology and Hemodynamics of Breast Cancer in Mice Using Spring-8 Synchrotron Radiation Microangiography. *J Synchrotron Radiat*. 2017;24(5):1039–47.
 106. Goodwin P. Stage I-III Breast Cancer. *Oncol Times*. 2013;35(22):54–5.