



## DAFTAR PUSTAKA

- Achmad, I., Jasirwan, C. O. M., Rajabto, W., Abdullah, M., Nababan, S. H. H., Nasution, S. A., Koesnoe, S., & Sari, N. K. (2024). Kesintasan pasien karsinoma hepatoselular: Sebuah studi komprehensif tentang pengaruh awitan dini versus lambat dan faktor determinannya. *Jurnal Penyakit Dalam Indonesia*, *11*(3), Article 5.
- Bai, D. S., Zhang, C., Chen, P., Jin, S. J., & Jiang, G. Q. (2017). The prognostic correlation of AFP level at diagnosis with pathological grade, progression, and survival of patients with hepatocellular carcinoma. *Scientific Reports*, *7*(1). doi: 10.1038/s41598-017-12834-1
- Brar, G., Greten, T. F., Graubard, B. I., Mcneel, T. S., Petrick, J. L., Mcglynn, K. A., & Altekruse, S. F. (n.d.). Hepatocellular Carcinoma Survival by Etiology: A SEER-Medicare Database Analysis. *Hepatology Communications*, *4*(10), 2020. doi: 10.1002/hep4.1564/supinfo
- Bruix, J., & Sherman, M. (2011). Management of hepatocellular carcinoma: An update. *Hepatology*, *53*(3), 1020–1022. doi: 10.1002/hep.24199
- Cabibbo, G., et al. (2012). Age is not a barrier to liver resection for hepatocellular carcinoma: Results from a multicenter Italian study. *Journal of Hepatology*, *56*(1), 75–83. doi: 10.1016/j.jhep.2011.07.012
- Chan, S. L., et al. (2009). Use of AFP in diagnosis and monitoring of hepatocellular carcinoma. *Expert Review of Anticancer Therapy*, *9*(4), 491–499. doi: 10.1586/era.09.6E1-Serag, H. B. (2011). Hepatocellular Carcinoma. In *N Engl J Med* (Vol. 365).
- European Association for the Study of the Liver. (2018). EASL Clinical Practice Guidelines: Management of hepatocellular carcinoma. *Journal of Hepatology*, *69*(1), 182–236. doi: 10.1016/j.jhep.2018.03.019
- Facciorusso, A., Del Prete, V., Antonino, M., Neve, V., Amoruso, A., Crucinio, N., Di Leo, A., & Barone, M. (2015). Conditional survival analysis of hepatocellular carcinoma patients treated with radiofrequency ablation. *Hepatology Research*, *45*(10), E62–E72. doi: 10.1111/hepr.12458
- Finn, R. S., Qin, S., Ikeda, M., Galle, P. R., Ducreux, M., Kim, T.-Y., Kudo, M., Breder, V., Merle, P., Kaseb, A. O., Li, D., Verret, W., Xu, D.-Z., Hernandez, S., Liu, J., Huang, C., Mulla, S., Wang, Y., Lim, H. Y., ... Cheng, A.-L. (2020). Atezolizumab plus Bevacizumab in Unresectable Hepatocellular Carcinoma. *New England Journal of Medicine*, *382*(20), 1894–1905. doi: 10.1056/nejmoa1915745
- Forner, A., Reig, M., & Bruix, J. (2018). Hepatocellular carcinoma. In *The Lancet* (Vol. 391, Issue 10127, pp. 1301–1314). Lancet Publishing Group. doi: 10.1016/S0140-6736(18)30010-2



- Fu, Y., Yang, W., Wu, W., et al. (2022). Adjuvant lenvatinib after liver resection for hepatocellular carcinoma with microvascular invasion: A multicenter retrospective study. *BMC Cancer*, 22(1), 1–10. doi: 10.1186/s12885-022-09203-7
- Galle, P. R., Forner, A., Llovet, J. M., Mazzaferro, V., Piscaglia, F., Raoul, J. L., Schirmacher, P., & Vilgrain, V. (2018). EASL Clinical Practice Guidelines: Management of hepatocellular carcinoma. *Journal of Hepatology*, 69(1), 182–236. doi: 10.1016/j.jhep.2018.03.019
- Hasan, I., Gani, R. A., Sulaiman, A. S., Kurniawan, J., Lesmana, C. R. A., Jasirwan, C. O. M., Nababan, S. H. H., Kalista, K. F., Aprilicia, G., & Teresa, M. (2023). Profil klinis dan kesintasan pasien karsinoma sel hati di rumah sakit rujukan tersier Indonesia tahun 2015–2021. *Jurnal Penyakit Dalam Indonesia*, 10(2), 90–95.
- Hasegawa, K., Takemura, N., Yamashita, T., Watadani, T., Kaibori, M., Kubo, S., Shimada, M., Nagano, H., Hatano, E., Aikata, H., Iijima, H., Ueshima, K., Ohkawa, K., Genda, T., Tsuchiya, K., Torimura, T., Ikeda, M., Furuse, J., Akahane, M., ... Tateishi, R. (2023). Clinical Practice Guidelines for Hepatocellular Carcinoma: The Japan Society of Hepatology 2021 version (5th JSH-HCC Guidelines). *Hepatology Research*, 53(5), 383–390. doi: 10.1111/hepr.13892
- Hefaiiedh, R., Ennaifer, R., Romdhane, H., Ben Nejma, H., Arfa, N., Belhadj, N., Gharbi, L., Khalfallah, T., Hefaiiedh, R., Ennaifer, R., Romdhane, H., Nejma, H. Ben, Arfa, N., Belhadj, N., Gharbi, L., & Khalfallah, T. (n.d.). *Gender difference in patients with hepatocellular carcinoma*.
- Hosmer, D. W., Lemeshow, S., & Sturdivant, R. X. (2013). *Applied logistic regression* (3rd ed.). Hoboken: Wiley. doi: 10.1002/9781118548387
- Hsu, C. Y., Lee, Y. H., Hsia, C. Y., Huang, Y. H., Su, C. W., Lin, H. C., Lee, R. C., Chiou, Y. Y., Lee, F. Y., & Huo, T. I. (2013). Performance status in patients with hepatocellular carcinoma: Determinants, prognostic impact, and ability to improve the Barcelona Clinic Liver Cancer system. *Hepatology*, 57(1), 112–119. doi: 10.1002/hep.25950
- Hung, Y. W., Lee, I. C., Chi, C. T., Lee, R. C., Liu, C. A., Chiu, N. C., Hwang, H. E., Chao, Y., Hou, M. C., & Huang, Y. H. (2024). Radiologic Patterns Determine the Outcomes of Initial and Subsequent Transarterial Chemoembolization in Intermediate-Stage Hepatocellular Carcinoma. *Liver Cancer*, 13(1), 29–40. doi: 10.1159/000530950
- Kaibori, M., Kon, M., Kitawaki, T., Kawaura, T., Hasegawa, K., Kokudo, N., Ariizumi, S., Beppu, T., Ishizu, H., Kubo, S., Kamiyama, T., Takamura, H., Kobayashi, T., Kim, D. S., Wang, H. J., Kim, J. M., Han, D. H., Park, S. J., Kang, K. J., ... Yamamoto, M. (2017). Comparison of anatomic and non-

- anatomic hepatic resection for hepatocellular carcinoma. *Journal of Hepato-Biliary-Pancreatic Sciences*, 24(11), 616–626. doi: 10.1002/jhbp.502
- Kouroumalis, E., Tsomidis, I., & Voumvouraki, A. (2023). Pathogenesis of Hepatocellular Carcinoma: The Interplay of Apoptosis and Autophagy. In *Biomedicines* (Vol. 11, Issue 4). MDPI. doi: 10.3390/biomedicines11041166
- Kudo, M., Finn, R. S., Qin, S., Han, K. H., Ikeda, K., Piscaglia, F., Baron, A., Park, J. W., Han, G., Jassem, J., Blanc, J. F., Vogel, A., Komov, D., Evans, T. R. J., Lopez, C., Dutcus, C., Guo, M., Saito, K., Kraljevic, S., ... Cheng, A. L. (2018). Lenvatinib versus sorafenib in first-line treatment of patients with unresectable hepatocellular carcinoma: a randomised phase 3 non-inferiority trial. *The Lancet*, 391(10126), 1163–1173. doi: 10.1016/S0140-6736(18)30207-1
- Kementerian Kesehatan Republik Indonesia. (2022). *Peraturan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/Menkes/1355/2022 tentang Pedoman Nasional Pelayanan Kedokteran Tata Laksana Karsinoma Sel Hati pada Dewasa di Indonesia*. Jakarta: Kementerian Kesehatan RI
- Lencioni, R., Petruzzi, P., & Crocetti, L. (2013). Chemoembolization of hepatocellular carcinoma. *Seminars in Interventional Radiology*, 30(1), 3–11. doi: 10.1055/s-0033-1333648
- Liu, Y., & Liu, L. (2022). Changes in the Epidemiology of Hepatocellular Carcinoma in Asia. In *Cancers* (Vol. 14, Issue 18). MDPI. doi: 10.3390/cancers14184473
- Llovet, J. M., Kelley, R. K., Villanueva, A., Singal, A. G., Pikarsky, E., Roayaie, S., Lencioni, R., Koike, K., Zucman-Rossi, J., & Finn, R. S. (2021). Hepatocellular carcinoma. In *Nature Reviews Disease Primers* (Vol. 7, Issue 1). Nature Research. doi: 10.1038/s41572-020-00240-3
- Llovet, J. M., Real, M. I., Montaña, X., Planas, R., Coll, S., Aponte, J., Ayuso, C., Sala, M., Muchart, J., Solà, R., Rodés, J., & Bruix, J. (2002). Arterial embolisation or chemoembolisation versus symptomatic treatment in patients with unresectable hepatocellular carcinoma: A randomised controlled trial. *Lancet*, 359(9319), 1734–1739. doi: 10.1016/S0140-6736(02)08649-X
- Loho, I. M., Hasan, I., Rinaldi, C., Dewiasty, E., & Gani, R. A. (2016). Hepatocellular carcinoma in a tertiary referral hospital in Indonesia: Lack of improvement of one-year survival rates between 1998-1999 and 2013-2014. *Asian Pacific Journal of Cancer Prevention*, 17(4), 2165–2170. doi: 10.7314/APJCP.2016.17.4.2165
- Lopes, F. de L. M., Coelho, F. F., Kruger, J. A. P., Fonseca, G. M., Araujo, R. L. C. de, Jeismann, V. B., & Herman, P. (2016). Influence of Hepatocellular Carcinoma Etiology In The Survival After Resection. *Arquivos Brasileiros de*



*Cirurgia Digestiva : ABCD = Brazilian Archives of Digestive Surgery*, 29(2), 105–108. doi: 10.1590/0102-6720201600020010

- Marrero, J. A., et al. (2018). Alpha-fetoprotein, des-gamma carboxyprothrombin, and lectin-bound alpha-fetoprotein in early hepatocellular carcinoma. *Gastroenterology*, 154(3), 557–573. doi: 10.1053/j.gastro.2017.10.039
- Marrero, J. A., Kulik, L. M., Sirlin, C. B., Zhu, A. X., Finn, R. S., Abecassis, M. M., Roberts, L. R., & Heimbach, J. K. (2018). Diagnosis, Staging, and Management of Hepatocellular Carcinoma: 2018 Practice Guidance by the American Association for the Study of Liver Diseases. *Hepatology*, 68(2), 723–750. doi: 10.1002/hep.29913
- Massarweh, N. N., & El-Serag, H. B. (2017). Epidemiology of Hepatocellular Carcinoma and Intrahepatic Cholangiocarcinoma. In *Cancer Control* (Vol. 24, Issue 3). SAGE Publications Ltd. doi: 10.1177/1073274817729245
- Matsuki, M., Adachi, Y., Ozawa, Y., et al. (2018). Lenvatinib inhibits angiogenesis and tumor fibroblast growth factor signaling pathways in human hepatocellular carcinoma models. *Cancer Medicine*, 7(6), 2641–2653. doi: 10.1002/cam4.1506
- Mazzaferro, V., Llovet, J. M., Miceli, R., Bhoori, S., Schiavo, M., Mariani, L., Camerini, T., Roayaie, S., Schwartz, M. E., Grazi, G. L., Adam, R., Neuhaus, P., Salizzoni, M., Bruix, J., Forner, A., De Carlis, L., Cillo, U., Burroughs, A. K., Troisi, R., ... Majno, P. (2009). *Predicting survival after liver transplantation in patients with hepatocellular carcinoma beyond the Milan criteria: a retrospective, exploratory analysis*. doi: 10.1016/S1470
- Mehta, N., Frenette, C., Tabrizian, P., Hoteit, M., Guy, J., Parikh, N., Ghaziani, T. T., Dhanasekaran, R., Dodge, J. L., Natarajan, B., Holzner, M. L., Frankul, L., Chan, W., Fobar, A., Florman, S., & Yao, F. Y. (2021). Downstaging Outcomes for Hepatocellular Carcinoma: Results From the Multicenter Evaluation of Reduction in Tumor Size before Liver Transplantation (MERITS-LT) Consortium. *Gastroenterology*, 161(5), 1502–1512. doi: 10.1053/j.gastro.2021.07.033
- Morgan, T. R., Mandayam, S., & Jamal, M. M. (2004). Alcohol and hepatocellular carcinoma. *Gastroenterology*, 127(5 SUPPL.). doi: 10.1053/j.gastro.2004.09.020
- Müller, L., Stoehr, F., Mähringer-Kunz, A., Hahn, F., Weinmann, A., & Kloeckner, R. (2021). Current Strategies to Identify Patients That Will Benefit from TACE Treatment and Future Directions a Practical Step-by-Step Guide. *Journal of Hepatocellular Carcinoma*, Volume 8, 403–419. doi: 10.2147/jhc.s285735



- Nishikawa, H., & Osaki, Y. (2015). Liver Cirrhosis: Evaluation, Nutritional Status, and Prognosis. In *Mediators of Inflammation* (Vol. 2015). Hindawi Publishing Corporation. doi: 10.1155/2015/872152
- Oken, M. M., et al. (1982). Toxicity and response criteria of the Eastern Cooperative Oncology Group. *American Journal of Clinical Oncology*, 5(6), 649–655. doi: 10.1097/00000421-198212000-00014
- Omata, M., Cheng, A. L., Kokudo, N., Kudo, M., Lee, J. M., Jia, J., Tateishi, R., Han, K. H., Chawla, Y. K., Shiina, S., Jafri, W., Payawal, D. A., Ohki, T., Ogasawara, S., Chen, P. J., Lesmana, C. R. A., Lesmana, L. A., Gani, R. A., Obi, S., ... Sarin, S. K. (2017). Asia–Pacific clinical practice guidelines on the management of hepatocellular carcinoma: a 2017 update. In *Hepatology International* (Vol. 11, Issue 4, pp. 317–370). Springer India. doi: 10.1007/s12072-017-9799-9
- Papatheodoridis, G. V., et al. (2015). Antiviral therapy for hepatitis B and C in patients with cirrhosis and hepatocellular carcinoma. *Journal of Hepatology*, 62(2), 396–408. doi: 10.1016/j.jhep.2014.10.029
- Piscaglia, F., Terzi, E., Cucchetti, A., Trimarchi, C., Granito, A., Leoni, S., Marinelli, S., Pini, P., & Bolondi, L. (2013). Treatment of hepatocellular carcinoma in Child-Pugh B patients. *Digestive and Liver Disease*, 45(10), 852–858. doi: 10.1016/j.dld.2013.03.002
- Poon, R. T., Fan, S. T., Lo, C. M., et al. (2000). Long-term prognosis after resection of hepatocellular carcinoma associated with hepatitis B-related cirrhosis. *Journal of Clinical Oncology*, 18(5), 1094–1101. doi: 10.1200/JCO.2000.18.5.1094
- Raffetti, E., Portolani, N., Molfino, S., Mentasti, S., Baiocchi, G. L., Magoni, M., & Donato, F. (2021). Is survival for hepatocellular carcinoma increasing? A population-based study on survival of hepatocellular carcinoma patients in the 1990s and 2000s. *Clinics and Research in Hepatology and Gastroenterology*, 45(1). doi: 10.1016/j.clinre.2020.04.004
- Raoul, J. L., Forner, A., Bolondi, L., Cheung, T. T., Kloeckner, R., & de Baere, T. (2019). Updated use of TACE for hepatocellular carcinoma treatment: How and when to use it based on clinical evidence. In *Cancer Treatment Reviews* (Vol. 72, pp. 28–36). W.B. Saunders Ltd. doi: 10.1016/j.ctrv.2018.11.002
- Reig, María, Forner, A., Ávila, M. A., Ayuso, C., Mínguez, B., Varela, M., Bilbao, I., Bilbao, J. I., Burrel, M., Bustamante, J., Ferrer, J., Gómez, M. Á., Llovet, J. M., De la Mata, M., Matilla, A., Pardo, F., Pastrana, M. A., Rodríguez-Perálvarez, M., Tabernero, J., ... Bruix, J. (2021). Diagnosis and treatment of hepatocellular carcinoma. Update of the consensus document of the AEEH, AEC, SEOM, SERAM, SERVEI, and SETH. *Medicina Clínica*, 156(9), 463.e1–463.e30. doi: 10.1016/j.medcli.2020.09.022



- Reig, Maria, Forner, A., Rimola, J., Ferrer-Fàbrega, J., Burrel, M., Garcia-Criado, Á., Kelley, R. K., Galle, P. R., Mazzaferro, V., Salem, R., Sangro, B., Singal, A. G., Vogel, A., Fuster, J., Ayuso, C., & Bruix, J. (2022). BCLC strategy for prognosis prediction and treatment recommendation: The 2022 update. In *Journal of Hepatology* (Vol. 76, Issue 3, pp. 681–693). Elsevier B.V. doi: 10.1016/j.jhep.2021.11.018
- Ruf, A., Dirchwolf, M., & Freeman, R. B. (2022). From Child-Pugh to MELD score and beyond: Taking a walk down memory lane. In *Annals of Hepatology* (Vol. 27, Issue 1). Elsevier Espana S.L.U. doi: 10.1016/j.aohp.2021.100535
- Singal, A. G., et al. (2020). Antiviral therapy for hepatitis C and hepatocellular carcinoma risk: A systematic review and meta-analysis. *Journal of the American Medical Association*, 323(4), 364–376. doi: 10.1001/jama.2019.21526
- Su, C. W., Lei, H. J., Chau, G. Y., Hung, H. H., Wu, J. C., Hsia, C. Y., Lui, W. Y., Su, Y. H., Wu, C. W., & Lee, S. D. (2012). The effect of age on the long-term prognosis of patients with hepatocellular carcinoma after resection surgery: A propensity score matching analysis. *Archives of Surgery*, 147(2), 137–144. doi: 10.1001/archsurg.2011.288
- Sung, H., Ferlay, J., Siegel, R. L., Laversanne, M., Soerjomataram, I., Jemal, A., & Bray, F. (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. doi: 10.3322/caac.21660
- Suresh, D., Srinivas, A. N., & Kumar, D. P. (2020). Etiology of Hepatocellular Carcinoma: Special Focus on Fatty Liver Disease. In *Frontiers in Oncology* (Vol. 10). Frontiers Media S.A. doi: 10.3389/fonc.2020.601710
- Tandon, P., & Garcia-Tsao, G. (2009). Prognostic indicators in hepatocellular carcinoma: A systematic review of 72 studies. In *Liver International* (Vol. 29, Issue 4, pp. 502–510). doi: 10.1111/j.1478-3231.2008.01957.x
- Tangkijvanich, P., Mahachai, V., Suwangool, P., & Poovorawan, Y. (2345). Gender difference in clinicopathologic features and survival of patients with hepatocellular carcinoma. *World Journal of Gastroenterology*, 10(11). Retrieved from <http://www.wjgnet.com/1007-9327/10/1547.asp>
- Villanueva, A. (2019). Hepatocellular Carcinoma. *New England Journal of Medicine*, 380(15), 1450–1462. doi: 10.1056/NEJMra1713263
- Yu, S. J., et al. (2019). Gender disparity of hepatocellular carcinoma: The role of sex hormones. *Oncology Letters*, 17(2), 1731–1737. doi: 10.3892/ol.2018.9784



Zhu, X. D., & Sun, H. C. (2020). Emerging role of lenvatinib for hepatocellular carcinoma. *Cancer*, *126*(21), 4563–4573. doi: 10.1002/cncr.33051