

## DAFTAR PUSTAKA

- Adham, M., Kurniawan, A.N., Muhtadi, A.I., Roezin, A., Hermani, B., Gondhowiardjo, S., et al., 2012. Nasopharyngeal carcinoma in indonesia: Epidemiology, incidence, signs, and symptoms at presentation. *Chin. J. Cancer* 31: 12–20. doi:10.5732/cjc.011.10328
- Adoga, A.A., Kokong, D.D., Ma'an, N.D., Silas, O.A., Dauda, A.M., Yaro, J.P., et al., 2018. The epidemiology, treatment, and determinants of outcome of primary head and neck cancers at the Jos University Teaching Hospital. *South Asian J. Cancer* 7: 35–44. doi:10.4103/sajc.sajc\_15\_18
- Amin, M.B., Greene, F.L., Edge, S.B., Compton, C.C., Gershenwald, J.E., Brookland, R.K., et al., 2017. 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.* 67. doi:10.3322/caac.21388
- Biau, J., Lapeyre, M., Troussier, I., Budach, W., Giralt, J., Grau, C., et al., 2019. Selection of lymph node target volumes for definitive head and neck radiation therapy: a 2019 Update. *Radiother. Oncol.* 134: 32–39. doi:10.1016/j.radonc.2019.01.018
- Bin, Y., Meng, Z., Huang, L.L., Hu, X.Y., Song, J.M., Xie, Y.T., et al., 2022. Prognostic value of the cervical lymph node necrosis ratio in nasopharyngeal carcinoma. *Radiother. Oncol.* 177. doi:10.1016/j.radonc.2022.11.007
- Blanchard, P., Nguyen, F., Moya-Plana, A., Pignon, J.P., Even, C., Bidault, F., et al., 2018. New developments in the management of nasopharyngeal carcinoma. *Cancer/Radiotherapie.* doi:10.1016/j.canrad.2018.06.003
- Bossi, P., Chan, A.T., Licitra, L., Trama, A., Orlandi, E., Hui, E.P., et al., 2021. Nasopharyngeal carcinoma: ESMO-EURACAN Clinical Practice Guidelines for diagnosis, treatment and follow-up. *Ann. Oncol.* 32. doi:10.1016/j.annonc.2020.12.007
- Brussaard, C., Faggioni, L., Ramirez-Barbosa, F.E., Vervoort, M., Jansen, Y., Neyns, B., et al., 2024. Differentiation between normal and metastatic lymph nodes in patients with skin melanoma: Preliminary findings using a DIXON-based whole-body MRI approach. *Eur. J. Radiol. Open* 12. doi:10.1016/j.ejro.2024.100560
- Cancer Research UK, 2025. Survival for nasopharyngeal cancer [WWW Document]. *Nasopharyngeal Cancer*. URL <https://www.cancerresearchuk.org/about-cancer/nasopharyngeal-cancer/survival#:~:text=Generally for people with nasopharyngeal,cancer in>

England

- Chen, C., Zhang, M., Xu, Y., Yue, Q., Bai, P., Zhou, L., et al., 2016. Unidimensional measurement may evaluate target lymph nodal response after induction chemotherapy for nasopharyngeal carcinoma. *Med. (United States)* 95: 25–37. doi:10.1097/MD.0000000000002667
- Chen, Y.P., Chan, A.T.C., Le, Q.T., Blanchard, P., Sun, Y., & Ma, J., 2019. Nasopharyngeal carcinoma. *Lancet*. doi:10.1016/S0140-6736(19)30956-0
- Chen, Y.P., Ismaila, N., Chua, M.L.K., Colevas, A.D., Haddad, R., Huang, S.H., et al., 2021. Chemotherapy in Combination with Radiotherapy for Definitive-Intent Treatment of Stage II-IVA Nasopharyngeal Carcinoma: CSCO and ASCO Guideline. *J. Clin. Oncol.* 39. doi:10.1200/JCO.20.03237
- Chiang, C.L., Guo, Q., Ng, W.T., Lin, S., Ma, T.S.W., Xu, Z., et al., 2021. Prognostic Factors for Overall Survival in Nasopharyngeal Cancer and Implication for TNM Staging by UICC: A Systematic Review of the Literature. *Front. Oncol.* doi:10.3389/fonc.2021.703995
- Chua, M.L.K., Wee, J.T.S., Hui, E.P., & Chan, A.T.C., 2016. Nasopharyngeal carcinoma, in: *The Lancet*. doi:10.1016/S0140-6736(15)00055-0
- Chung, E.J., Kim, G.W., Cho, B.K., Park, H.S., & Rho, Y.S., 2016. Pattern of lymph node metastasis in hypopharyngeal squamous cell carcinoma and indications for level VI lymph node dissection. *Head Neck* 38. doi:10.1002/hed.24361
- Dahlan, M., 2016. Besar Sampel dalam Penelitian Kedokteran dan Kesehatan, Sagung Seto.
- Ding, R.B., Chen, P., Rajendran, B.K., Lyu, X., Wang, H., Bao, J., et al., 2021. Molecular landscape and subtype-specific therapeutic response of nasopharyngeal carcinoma revealed by integrative pharmacogenomics. *Nat. Commun.* 12. doi:10.1038/s41467-021-23379-3
- Eissa, L.A., & Mehanna, A.M., 2020. Imaging of metastatic cervical nodes: is CT helpful in differentiation of squamous cell carcinoma (SCC) from non-SCC groups? *Egypt. J. Otolaryngol.* 36. doi:10.1186/s43163-020-00045-x
- Farmer, R.W., McCall, L., Civantos, F.J., Myers, J.N., Yarbrough, W.G., Murphy, B., et al., 2015. Lymphatic drainage patterns in oral squamous cell carcinoma: Findings of the ACOSOG Z0360 (Alliance) study, in: *Otolaryngology - Head and Neck Surgery (United States)*. doi:10.1177/0194599815572585
- Godény, M., 2014. Prognostic factors in advanced pharyngeal and oral cavity cancer; Significance of multimodality imaging in terms of 7th edition of TNM. *Cancer Imaging*. doi:10.1186/1470-7330-14-15
- Grégoire, V., Ang, K., Budach, W., Grau, C., Hamoir, M., Langendijk, J.A., et al., 2014. Delineation of the neck node levels for head and neck tumors: A 2013

- update. DAHANCA, EORTC, HKNPCSG, NCIC CTG, NCRI, RTOG, TROG consensus guidelines. *Radiother. Oncol.* 110. doi:10.1016/j.radonc.2013.10.010
- Guo, L.F., Dai, Y.Q., Yu, Y.F., & Wu, S.G., 2024. Gender-Specific Survival of Nasopharyngeal Carcinoma in Endemic and Non-Endemic Areas Based on the US SEER Database and a Chinese Single-Institutional Registry. *Clin. Epidemiol.* 16: 769–782. doi:10.2147/CLEP.S490023
- Guo, R., Chen, X.Z., Chen, L., Jiang, F., Tang, L.L., Mao, Y.P., et al., 2015. Comorbidity predicts poor prognosis in nasopharyngeal carcinoma: Development and validation of a predictive score model. *Radiother. Oncol.* 114. doi:10.1016/j.radonc.2014.12.002
- Guo, X., Johnson, R.C., Deng, H., Liao, J., Guan, L., Nelson, G.W., et al., 2009. Evaluation of nonviral risk factors for nasopharyngeal carcinoma in a high-risk population of southern China. *Int. J. Cancer* 124. doi:10.1002/ijc.24293
- Ho, F.C.H., Tham, I.W.K., Earnest, A., Lee, K.M., & Lu, J.J., 2012. Patterns of regional lymph node metastasis of nasopharyngeal carcinoma: A meta-analysis of clinical evidence. *BMC Cancer* 12. doi:10.1186/1471-2407-12-98
- Huang, C.L., Chen, Y., Guo, R., Mao, Y.P., Xu, C., Tian, L., et al., 2020. Prognostic value of MRI-determined cervical lymph node size in nasopharyngeal carcinoma. *Cancer Med.* 9. doi:10.1002/cam4.3392
- Huang, W.B., Chan, J.Y.W., & Liu, D.L., 2018. Human papillomavirus and World Health Organization type III nasopharyngeal carcinoma: Multicenter study from an endemic area in Southern China. *Cancer* 124. doi:10.1002/cncr.31031
- Jicman, D., Niculet, E., Lungu, M., Onisor, C., Rebegea, L., Vesa, D., et al., 2021. Nasopharyngeal carcinoma: A new synthesis of literature data (Review). *Exp. Ther. Med.* 23. doi:10.3892/etm.2021.11059
- Kang, H., Kennedy, T.A., & Yu, E., 2024. Head and Neck Squamous Cell Cancer: Approach to Staging and Surveillance. doi:10.1007/978-3-031-50675-8\_17
- Kazemian, A., Ghalehtaki, R., Farazmand, B., Taherioun, M., Razmkhah, M., Khalili, N., et al., 2022. Long-term survival rates of patients with nasopharyngeal carcinoma treated by radiochemotherapy: a retrospective cohort study. *Egypt. J. Otolaryngol.* 38. doi:10.1186/s43163-022-00212-2
- Lan, M., Huang, Y., Chen, C.Y., Han, F., Wu, S.X., Tian, L., et al., 2015. Prognostic value of cervical nodal necrosis in nasopharyngeal carcinoma: Analysis of 1800 patients with positive cervical nodal metastasis at MR imaging. *Radiology* 276. doi:10.1148/radiol.15141251
- Lee, A.W., Ng, W.T., Pan, J.J., Chiang, C.L., Poh, S.S., Choi, H.C., et al., 2019. International Guideline on Dose Prioritization and Acceptance Criteria in Radiation Therapy Planning for Nasopharyngeal Carcinoma. *Int. J. Radiat. Oncol. Biol. Phys.* 105. doi:10.1016/j.ijrobp.2019.06.2540

- Lee, N., Harris, J., Garden, A.S., Straube, W., Glisson, B., Xia, P., et al., 2009. Intensity-modulated radiation therapy with or without chemotherapy for nasopharyngeal carcinoma: Radiation therapy oncology group phase II trial 0225. *J. Clin. Oncol.* 27. doi:10.1200/JCO.2008.19.9109
- Li, K.Y., Kwok, H.M., Pan, N.Y., Cheng, L.F., & Ma, K.F.J., 2025. Pre-treatment and post-treatment nasopharyngeal carcinoma imaging: imaging updates, pearls and pitfalls. *Neuroradiology* 67: 1023–1047. doi:10.1007/s00234-025-03596-z
- Li, X.Y., Chen, Q.Y., Sun, X.S., Liu, S.L., Yan, J.J., Guo, S.S., et al., 2019. Ten-year outcomes of survival and toxicity for a phase III randomised trial of concurrent chemoradiotherapy versus radiotherapy alone in stage II nasopharyngeal carcinoma. *Eur. J. Cancer* 110. doi:10.1016/j.ejca.2018.10.020
- Loh, K.S., Goh, B.C., Lu, J., Hsieh, W.S., & Tan, L., 2006. Familial nasopharyngeal carcinoma in a cohort of 200 patients. *Arch. Otolaryngol. - Head Neck Surg.* 132. doi:10.1001/archotol.132.1.82
- Luo, Y., Ren, J., Zhou, P., Gao, Y., Yang, G., & Lang, J., 2016. Cervical nodal necrosis is an independent survival predictor in nasopharyngeal carcinoma: An observational cohort study. *Onco. Targets. Ther.* 9. doi:10.2147/OTT.S110558
- Ma, H., Qiu, Y., Li, H., Xie, F., Ruan, G., Liu, L., et al., 2021. Prognostic Value of Nodal Matting on MRI in Nasopharyngeal Carcinoma Patients. *J. Magn. Reson. Imaging* 53. doi:10.1002/jmri.27339
- Mak, H.W., Lee, S.H., Chee, J., Tham, I., Goh, B.C., Chao, S.S., et al., 2015. Clinical outcome among nasopharyngeal cancer patients in a multi-ethnic society in Singapore. *PLoS One* 10. doi:10.1371/journal.pone.0126108
- Ni, W., Gao, Y., Xu, F., Cao, W., Xu, C., & Chen, J., 2019. The maximum diameter of cervical lymph node was not a prognostic factor for local-regional advanced nasopharyngeal carcinoma treated with intensity modified radiotherapy. *Transl. Cancer Res.* 8. doi:10.21037/tcr.2019.04.22
- Pan, J.J., Ng, W.T., Zong, J.F., Chan, L.L.K., O'Sullivan, B., Lin, S.J., et al., 2016. Proposal for the 8th edition of the AJCC/UICC staging system for nasopharyngeal cancer in the era of intensity-modulated radiotherapy. *Cancer* 122. doi:10.1002/cncr.29795
- Peng, G., Wang, T., Yang, K.Y., Zhang, S., Zhang, T., Li, Q., et al., 2012. A prospective, randomized study comparing outcomes and toxicities of intensity-modulated radiotherapy vs. conventional two-dimensional radiotherapy for the treatment of nasopharyngeal carcinoma. *Radiother. Oncol.* 104. doi:10.1016/j.radonc.2012.08.013
- Pisani, P., Airoidi, M., Allais, A., Valletti, P.A., Battista, M., Benazzo, M., et al.,

2020. Metastatic disease in head & neck oncology. *Acta Otorhinolaryngol. Ital.* 40. doi:10.14639/0392-100X-suppl.1-40-2020
- Raghupathy, R., Hui, E.P., & Chan, A.T.C., 2014. Epstein-Barr Virus as a Paradigm in Nasopharyngeal Cancer: From Lab to Clinic. *Am. Soc. Clin. Oncol. Educ. B.* doi:10.14694/edbook\_am.2014.34.149
- Raica, V., Bratu, A., Zaharia, C., & Salcianu, I., 2019. CT Evaluation of Squamous Cell Carcinoma of the Nasopharynx. *Curr. Heal. Sci. J.* 45: 79–86. doi:10.12865/CHSJ.45.01.11
- Standring, S., 2016. Gray's anatomy 41st edition: The anatomical basis of clinical practice, Gray's Anatomy.
- Stenmark, M.H., McHugh, J.B., Schipper, M., Walline, H.M., Komarck, C., Feng, F.Y., et al., 2014. Nonendemic HPV-positive nasopharyngeal carcinoma: Association with poor prognosis. *Int. J. Radiat. Oncol. Biol. Phys.* 88. doi:10.1016/j.ijrobp.2013.11.246
- Tang, L.L., Guo, R., Zhang, N., Deng, B., Chen, L., Cheng, Z. Bin, et al., 2022. Effect of Radiotherapy Alone vs Radiotherapy with Concurrent Chemoradiotherapy on Survival Without Disease Relapse in Patients with Low-risk Nasopharyngeal Carcinoma: A Randomized Clinical Trial. *JAMA* 328. doi:10.1001/jama.2022.13997
- Tian, Y.M., Liu, M.Z., Zeng, L., Bai, L., Lin, C. guang, Huang, S.M., et al., 2019. Long-term outcome and pattern of failure for patients with nasopharyngeal carcinoma treated with intensity-modulated radiotherapy. *Head Neck* 41. doi:10.1002/hed.25545
- Van, D.N., Dinh, D., Nguyen Thi, H., Nguyen Thi Thu, N., Huy, P.N., & Van, A., 2025. The treatment outcome of radiation therapy for nasopharyngeal carcinoma in elderly patients: An observational, retrospective, single-center study. *Sci. Prog.* 108: 1–14. doi:10.1177/00368504251374904
- Wong, K.C.W., Hui, E.P., Lo, K.W., Lam, W.K.J., Johnson, D., Li, L., et al., 2021. Nasopharyngeal carcinoma: an evolving paradigm. *Nat. Rev. Clin. Oncol.* doi:10.1038/s41571-021-00524-x
- Wu, Z., Wang, L., Xie, D.H., Lv, S.W., Su, Y., & Shi, Y.R., 2021. Failure patterns and prognostic factors for cervical node-negative nasopharyngeal carcinoma in the intensity-modulated radiotherapy era. *Asia. Pac. J. Clin. Oncol.* 17. doi:10.1111/ajco.13475
- Xia, W.X., Lv, X., Liang, H., Liu, G.Y., Sun, R., Zeng, Q., et al., 2021. A randomized controlled trial comparing two different schedules for cisplatin treatment in patients with locoregionally advanced nasopharyngeal cancer. *Clin. Cancer Res.* 27. doi:10.1158/1078-0432.CCR-20-4532
- Xu, F.H., Xiong, D., Xu, Y.F., Cao, S.M., Xue, W.Q., Qin, H. De, et al., 2012. An epidemiological and molecular study of the relationship between smoking, risk

of nasopharyngeal carcinoma, and epsteinbarr virus activation. *J. Natl. Cancer Inst.* 104. doi:10.1093/jnci/djs320

Yeung, D.C.M., Yeung, Z., Wong, E.W.Y., Vlantis, A.C., & Chan, J.Y.K., 2020. Neck lymph node status on survival of regionally recurrent or persistent nasopharyngeal carcinoma. *Sci. Rep.* 10. doi:10.1038/s41598-020-62625-4

Yin, X., Lv, L., & Pan, X. Bin, 2020. Prognosis of Extracapsular Spread of Cervical Lymph Node Metastases in Nasopharyngeal Carcinoma. *Front. Oncol.* 10. doi:10.3389/fonc.2020.523956

Zhang, L.-N., Qiu, X.-S., OuYang, P.-Y., Xiao, Y., Lan, X.-W., Deng, W., et al., 2016. Age at diagnosis indicated poor prognosis in locoregionally advanced nasopharyngeal carcinoma. *Oncotarget* 0. doi:10.18632/oncotarget.12544