

## DAFTAR PUSTAKA

- Allgood, J.E., Roe, A., Sparks, B.B., Castillo, M., Cruz, A., Brooks, A.E., Brooks, B.D. 2023. The correlation of sleep disturbance and location of glioma tumors: a narrative review. *J Clin Med*, 12(12): 4058.
- American Diabetes Association Professional Practice Committee. 2022. Classification and Diagnosis of Diabetes. *Diabetes Care*, 45(1): S17-S38.
- Amjad, M.T., Chidharla, A., Kasi, A. 2020. Cancer chemotherapy. In *StatPearls [Internet]*. StatPearls Publishing.
- Aninditha, T., Andriani, R., Malueka, R.G. 2019. *Buku ajar neuroonkologi*. Perhimpunan Dokter Saraf Indonesia (PERDOSSI), Jakarta.
- Aninditha, T., Wiratman, W. 2017. *Buku ajar neurologi*. Departemen Neurologi Fakultas Kedokteran Universitas Indonesia, Jakarta.
- Ardhini, R., Tugasworo, D. 2019. Epidemiology of primary brain tumors in dr. Kariadi Hospital Semarang in 2015-2018. In *E3S Web of Conferences*, 125: 16004.
- Armstrong, T.S., Vera-Bolanos, E., Acquaye, A.A., Gilbert, M.R., Ladha, H., Mendoza, T. 2015. The symptom burden of primary brain tumors: evidence for a core set of tumor-and treatment-related symptoms. *Neuro-oncology*, 18(2): 252-260.
- Asok, A., Sreekumar, S., Babu, M., Padma, U. D., Pavithran, K. 2022. Prevalence and risk factors of insomnia in solid tumor patients in a tertiary care hospital. *Clin Epidemiol Glob Health*, 15: 101014.
- Ballard, P.L. 1979. Delivery and transport of glucocorticoids to target cells. *Monogr Endocrinol*, 12: 25-48.
- Batchelor, T.T., Byrne, T.N. Supportive care of brain tumor patients. 2006. *Hematol Oncol Clin North Am*, 20: 1337-1361.
- Beck, S.L., Berger, A.M., Barsevick, A.M., Wong, B., Stewart, K.A., Dudley, W.N. 2010. Sleep quality after initial chemotherapy for breast cancer. *Support Care Cancer*, 18(6): 679-689.
- Bog, M. J. Y., Lorimer, C., Brock, J., Chandy, E. 2023. An audit of steroid-induced diabetes in primary brain tumour patients. *Neuro-Oncology*, 25(3): iii21.
- Bordag, N., Klie, S., Jürchott, K., Vierheller, J., Schiewe, H., Albrecht, V., Tonn, J.C., Schwartz, C., Schichor, C., Selbig, J. 2015. Glucocorticoid (dexamethasone)-induced metabolome changes in healthy males suggest prediction of response and side effects. *Sci Rep*, 3(5): 15954.

- Burgdorf, J.S., Vitaterna, M.H., Olker, C.J., Song, E.J., Christian, E.P., Sørensen, L., Turek, F.W., Madsen, T.M., Khan, M.A., Kroes, R.A., Moskal, J.R. 2019. NMDAR activation regulates the daily rhythms of sleep and mood. *Sleep*, 42(10): zsz135.
- Carlson, M.A., Fradgley, E.A., Yates, D., Morris, S., Tait, J., Paul, C.L. 2023. Acceptability and feasibility of cognitive assessments with adults with primary brain cancer and brain metastasis: A systematic review. *Neurooncol Pract*, 10(3): 219-237.
- Cole, J.L. 2020. Steroid-induced sleep disturbance and delirium: a focused review for critically ill patients. *Federal Practitioner*, 37(6): 260.
- Coutinho, A.E., Chapman, K.E. 2011. The anti-inflammatory and immunosuppressive effects of glucocorticoids, recent developments and mechanistic insights. *Mol Cell Endocrinol*, 335: 2-13.
- Cunnington, D., Junge, M.F., Fernando, A.T. 2013. Insomnia: Prevalence, consequences and effective treatment. *Med J Aust*, 199: S36-S40.
- Dahlan, S. 2013. *Besar sampel dan cara pengambilan sampel dalam penelitian kedokteran dan kesehatan*. Salemba Medika, Jakarta.
- de Robles, P., Fiest, K.M., Frolkis, A.D., Pringsheim, T., Atta, C., St Germaine-Smith, C., Day, L., Lam, D., Jette, N. 2014. The worldwide incidence and prevalence of primary brain tumors: A systematic review and meta-analysis. *Neuro Oncol*, 17(6): 776-783.
- Diederich, S., Eigendorff, E., Burkhardt, P., Quinkler, M., BumkeVogt, C., Rochel, M., Seidelmann, D., Esperling, P., Oelkers, W., & Bähr, V. 2002. 11beta-hydroxysteroid dehydrogenase types 1 and 2: An important pharmacokinetic determinant for the activity of synthetic mineralo- and glucocorticoids. *J Clin Endocrinol Metab*, 87: 5695-5701.
- Dietrich, J., Rao, K., Pastorino, S., Kesari, S. 2011. Corticosteroids in brain cancer patients: Benefits and pitfalls. *Expert Rev Clin Pharmacol*, 4(2): 233-242.
- Drappatz, J., Schiff, D., Kesari, S., Norden, A.D., Wen, P.Y. 2007. Medical management of brain tumor patients. *Neurol Clin*, 25: 1035-1071.
- Edlinger, M., Strohmaier, S., Jonsson, H., Bjørge, T., Manjer, J., Borena, W. T., Häggström, C., Engeland, A., Tretli, S., Concin, H., Nagel, G., Selmer, R., Johansen, D., Stocks, T., Hallmans, G., Stattin, P., Ulmer, H. 2012. Blood pressure and other metabolic syndrome factors and risk of brain tumour in the large population-based Me-Can cohort study. *J Hypertens*, 30(2): 290-296.

- Equihua, A.C., De La Herrán-Arita, A.K., Drucker-Colin, R. 2013. Orexin receptor antagonists as therapeutic agents for insomnia. *Front Pharmacol*, 4: 163.
- Fakih, R., Rahal, M., Hilal, L., Hamieh, L., Dany, M., Karam, S., Mukherji, D. 2018. Prevalence and severity of sleep disturbances among patients with early breast cancer. *Indian J Palliat Care*, 24(1): 35.
- Farmanfarma, K., Mohammadian, M., Shahabinia, Z., Hassanipour, S. 2019. Brain cancer in the world: An epidemiological review. *WCRJ*, 6: e1356.
- Fauci, A.S. 1978. Mechanisms of the immunosuppressive and antiinflammatory effects of glucocorticosteroids. *J Immunopharmacol*, 1(1): 1-25.
- Fleming, L., Randell, K., Stewart, E., Espie, C. A., Morrison, D. S., Lawless, C., Paul, J. 2019. Insomnia in breast cancer: a prospective observational study. *Sleep*, 42(3): zsy245.
- Gan, T.J., Diemunsch, P., Habib, A.S., Kovac, A., Kranke, P., Meyer, T.A., Watcha, M., Chung, F., Angus, S., Apfel, C.C., Bergese, S.D., Candiotti, K.A., Chan, M.T., Davis, P.J., Hooper, V.D., Lagoo-Deenadayalan, S., Myles, P., Nezat, G., Philip, B.K., Tramèr, M.R., Society for Ambulatory Anesthesia. 2014. Consensus guidelines for the management of postoperative nausea and vomiting. *Anesth Analg*, 118(1): 85-113.
- Gorgulu, Y., Caliyurt, O., Kose Cinar, R., Sonmez, M.B. 2022. Acute sleep deprivation immediately increases serum GDNF, BDNF and VEGF levels in healthy subjects. *Sleep and Biological Rhythms*, 20(1):.73-79.
- Gotecha, S., Kotecha, M., Punia, P., Chugh, A., Shetty, V. 2022. Neuro-ophthalmic manifestations of intracranial space occupying lesions in adults. *Beyoglu Eye J*, 7(4): 304-312.
- Hanahan, D., Weinberg, R. 2011. Hallmarks of cancer: The next generation. *Cell*, 144(5): 646-674.
- Hastutyosunu, M., Budisulistyo, T., Wati, A.P. 2020. Clinical and histopathological characteristics of primary brain tumor disease in RSUP dr. Kariadi Semarang. *DMJ*, 9(3): 293-300.
- Herholz, K., Langen, K.J., Schiepers, C., Mountz, J.M. 2012. Brain tumors. *Semin Nucl Med*, 42(6): 356-370.
- Houben, M.P.W.A., Louwman, W.J., Tijssen, C.C., Teepen, J.L.J.M., Van Duijn, C.M., Coebergh, J.W.W. 2004. Hypertension as a risk factor for glioma? Evidence from a population-based study of comorbidity in glioma patients. *Ann Oncol*, 15(8): 1256-1260.

- Huang, Y., Jiang, Z.J., Deng, J., Qi, Y.J. 2020. Sleep quality of patients with postoperative glioma at home. *World J Clin Cases*, 8(20): 4735.
- Jeon, M.S., Dhillon, H.M., Koh, E.S., Nowak, A.K., Hovey, E., Descallar, J. Agar, M.R. 2021. Exploring sleep disturbance among adults with primary or secondary malignant brain tumors and their caregivers. *Neurooncol Pract*, 8(1): 48-59.
- Jessurun, C.A., Hulsbergen, A.F., Lamba, N., Tewarie, R.D.N., Smith, T.R., Broekman, M.L. 2022. Practice variation in perioperative steroid dosing for brain tumor patients: an international survey. *World Neurosurg*, 159: e431-e441.
- Kato, T., Okawa, G., Tanaka, K.F., Mitsukura, Y. 2023. Dexamethasone induces sleep disturbance in a dose-dependent manner in mice. *PLoS One*, 18(12): e0296028.
- Kienzler, J.C., Zakelis, R., Marbacher, S., Bäbler, S., Schwyzer, L., Remonda, E., Fandino J. 2020. Changing the paradigm of intracranial hypertension in brain tumor patients: a study based on non-invasive ICP measurements. *BMC Neurol*, 20(1): 268.
- King, A.L., Shuboni-Mulligan, D.D., Vera, E., Crandon, S., Acquaye, A.A., Boris, L., Armstrong, T.S. 2022. Exploring the prevalence and burden of sleep disturbance in primary brain tumor patients. *Neurooncol Pract*, 9(6): 526-535.
- Korabelnikova, E.A., Danilov, A.B., Danilov, A.B., Vorobyeva, Y.D., Latysheva, N.V., Artemenko, A.R. 2020. Sleep disorders and headache: A review of correlation and mutual influence. *Pain Ther*, 9(2): 411-425.
- Kostaras, X., Cusano, F., Kline, G.A., Roa, W., Easaw, J. 2014. Use of dexamethasone in patients with high-grade glioma: a clinical practice guideline. *Curr Oncol*, 21(3): e493-e503.
- Kram, D.E., Krasnow, S.M., Levasseur, P.R., Zhu X, Stork LC, Marks DL. 2016. Dexamethasone chemotherapy does not disrupt orexin signaling. *PLoS One*, 11(12): e0168731.
- Kumar, V., Abbas, A., Aster J. 2015. *Robbins and Cotran pathologic basis of disease*. 9<sup>th</sup> ed., Elsevier Saunders, Philadelphia.
- Lacy, J., Saadati, H., Yu, J. 2012. Complications of brain tumors and their treatment. *Hemat Oncol Clin North Am*, 26(4): 779-796.
- Lapointe, S., Perry, A., Butowski, N.A. 2018. Primary brain tumours in adults. *Lancet*, 392(10145): 432-446.

- Lee, B.N., Dantzer, R., Langley, K.E., Bennett, G.J., Dougherty, P.M., Dunn, A.J., Meyers, C.A., Miller, A.H., Payne, R., Reuben, J.M., Wang, X.S., Cleeland, C.S. 2004. A cytokine-based neuroimmunologic mechanism of cancer-related symptoms. *Neuroimmunomodulation*, 11(5): 279-292.
- Levenson, J.C., Kay, D.B., Buysse, D.J. 2015. The pathophysiology of insomnia. *Chest*, 147(4): 1179-1192.
- Li, S.X., Fujita, Y., Zhang, J.C., Ren, Q., Ishima, T., Wu, J., Hashimoto, K. 2014. Role of the NMDA receptor in cognitive deficits, anxiety and depressive-like behavior in juvenile and adult mice after neonatal dexamethasone exposure. *Neurobiol Dis*, 62: 124-134.
- Lim-Fat, M.J., Bi, W.L., Lo, J., Lee, E.Q., Ahluwalia, M.S., Batchelor, T.T., Wen, P.Y. 2019. When less is more: dexamethasone dosing for brain tumors. *Neurosurgery*, 85(3): E607-E608.
- Lin, P.C., Chen, P.Y., Wei, K.C., Lin, J.H., Lin, M.R., Wang, H.C., Chiu, H.Y. 2023. Sleep disturbance in adults with untreated primary brain tumors: prevalence and impact on quality of life. *Sleep and Biological Rhythms*, 21(2): 201-209.
- Liu, D., Yu, C., Huang, K., Thomas, S., Yang, W., Liu, S., Kuang, J. 2022. The association between hypertension and insomnia: A bidirectional meta-analysis of prospective cohort studies. *Int J Hypertens*, 2022: 4476905.
- López, E., de la Torre-Luque, A., Lazo, A., Álvarez, J., Buela-Casal, G. 2016. Assessment of sleep disturbances in patients with cancer: Cross-sectional study in a radiotherapy department. *Eur J Oncol Nurs*, 20: 71-76.
- Maani, E.V., Maani, C.V. 2022. Radiation therapy. In *StatPearls [Internet]*. StatPearls Publishing.
- Mai, E., Buysse, D.J. 2008. Insomnia: prevalence, impact, pathogenesis, differential diagnosis, and evaluation. *Sleep medicine clinics*, 3(2): 167-174.
- Mesny, E., Lesueur, P. Radiotherapy for rare primary brain tumors. 2023. *Cancer Radiother*, 27(6-7): 599-607.
- Mo, Y.L., Li, L., Qin, L., Zhu, X.D., Qu, S., Liang, X., Wei, Z.J. 2014. Cognitive function, mood, and sleep quality in patients treated with intensity-modulated radiation therapy for nasopharyngeal cancer: a prospective study. *Psychooncology*, 23(10): 1185-1191.
- Murray, N.M., Buchanan, G.F., Richerson, G.B. 2015. Insomnia caused by serotonin depletion is due to hypothermia. *Sleep*, 38(12): 1985-1993.

- National Institute for Health and Care Excellence (NICE). 2023. Hypertension in adults: diagnosis and management. *NICE Guideline*, 136.
- Nugent, S.M., Lovejoy, T.I., Shull, S., Dobscha, S.K., Morasco, B.J. 2021. Associations of pain numeric rating scale scores collected during usual care with research administered patient reported pain outcomes. *Pain Medicine*, 22(10): 2235-2241.
- Ortega-Leonard, L.V., Del Río-Portilla, Y. 2023. EEG spectral power during REM sleep in patients with frontal brain tumor. *BMC Neurol*, 23(1): 195.
- Ostrom, Q.T., Fahdimeh, M.A., Cote, D.J., Muskens, I.S., Schraw, J.M., Scheurer, M.E., Bondy, M.L. 2019. Risk factors for childhood and adult primary brain tumors. *Neuro Oncol*, 21(11): 1357-1375.
- Pantelidis, P., Tsitsopoulos, P.P., Pappa, E., Theologou, E., Karanikolas, N., Drosos, C., Tsonidis, C. 2019. The effect of diabetes mellitus on in-hospital hyperglycemia, length of stay and survival in patients with brain tumor receiving dexamethasone: A descriptive and comparative analysis. *Clin Neurol Neurosurg*, 184: 105450.
- Park, S., Won, J., Kim, S., Lee, Y., Park, C., Kim, S., Choi, S. 2017. Molecular testing of brain tumor. *J Pathol Trans Med*, 51(3): 205-223.
- Parkin, D.M., Whelan, S.L., Ferlay, J., Teppo, L., Thomas, D.B. 2002. *Cancer in five continents volume VIII*. IARC, Lyon.
- Paul, M., Goswami, S., Bora, G. 2023. Clinico-epidemiological profile of primary brain tumours in north-eastern region of India: a retrospective single institution study. *APJCC*, 8(2): 333-336.
- Perkins, A., Liu, G. 2016. Primary brain tumors in adults: Diagnosis and treatment. *Am Fam Physician*, 93(3): 211-217.
- Pieper, R., Costello, J. 2005. Molecular & cell biology. In: Berger, M., Prados, M., editors, *Textbook of neuro-oncology*. 1<sup>st</sup> ed., Elsevier, Philadelphia.
- Ren, C.Y., Rao, J.X., Zhang, X.X., Zhang, M., Xia, L., Chen, G.H. 2021. Changed signals of blood adenosine and cytokines are associated with parameters of sleep and/or cognition in the patients with chronic insomnia disorder. *Sleep Med*, 81: 42-51.
- Rhen, T., Cidlowski, J.A. 2005. Antiinflammatory action of glucocorticoids--new mechanisms for old drugs. *N Engl J Med*, 353: 1711-1723.
- Robertson, M.E., McSherry, F., Herndon, J.E., Peters, K.B. 2016. Insomnia and its associations in patients with recurrent glial neoplasms. *SpringerPlus*, 5: 823.

- Ryken, T.C., McDermott, M., Robinson, P.D., Ammirati, M., Andrews, D.W., Asher, A.L., Burri, S.H., Cobbs, C.S., Gaspar, L.E., Kondziolka, D., Linskey, M.E., Loeffler, J.S., Mehta, M.P., Mikkelsen, T., Olson, J.J., Paleologos, N.A., Patchell, R.A., Kalkanis, S.N. 2010. The role of steroids in the management of brain metastases: A systematic review and evidence-based clinical practice guideline. *J Neurooncol*, 96(1): 103-114.
- Saeki, Y., Sumi, Y., Ozaki, Y., Hosonaga, M., Kenmotsu, Y., Onoe, T., Matsumoto, Y. 2024. Proposal for managing cancer-related insomnia: a systematic literature review of associated factors and a narrative review of treatment. *Cancer Med*, 13(22): e70365.
- Savage, R.A., Zafar, N., Yohannan, S., Miller, J.M.M. 2024. Melatonin. In *StatPearls [Internet]*. StatPearls Publishing.
- Savard, J., Savard, M.H. 2013. Insomnia and cancer prevalence, nature, and nonpharmacologic treatment prevalence and evolution of insomnia in patients with cancer. *Clin Sleep Med*, 8: 373-387.
- Schaff, L. R., Mellinghoff, I. K. 2023. Glioblastoma and other primary brain malignancies in adults: a review. *Jama*, 329(7): 574-587.
- Schimmer, B.P., Funder, J.W. ACTH, adrenal steroids, and pharmacology of the adrenal cortex. 2011. In: Brunton, L.L., Chabner, B.A., Knollmann, B.C., editors, *Goodman & Gilman's the pharmacological basis of therapeutics*. 12<sup>th</sup> ed., McGraw-Hill, New York.
- Sturdza, A., Millar, B.A., Bana, N., Laperriere, N., Pond, G., Wong, R.K., Bezjak, A. 2008. The use and toxicity of steroids in the management of patients with brain metastases. *Support Care Cancer*, 16(9): 1041-1048.
- Surani, S., Brito, V., Surani, A., Ghamande, S. 2015. Effect of diabetes mellitus on sleep quality. *World J Diabetes*, 6(6): 868-873.
- Wang, G.Y., Zhu, Z.M., Cui, S., Wang, J.H. 2016. Glucocorticoid induces incoordination between glutamatergic and GABAergic neurons in the amygdala. *PLoS One*, 11(11): e0166535.
- Willis, K.D., Ravyts, S.G., Lanoye, A., Loughan, A.R. 2022. Sleep disturbance in primary brain tumor: Prevalence, risk factors, and patient preferences. *Support Care Cancer*, 30(1): 741-748.
- Wu, J., Ranjan, S. 2018. Neoplastic myelopathies. *Contin Lifelong Learn Neurol*, 24: 474-496.
- Xiang, T., Liao, J., Cai, Y., Fan, M., Li, C., Zhang, X., Li, H., Chen, Y., Pan, J. 2023. Impairment of GABA inhibition in insomnia disorders: Evidence from the peripheral blood system. *Front Psychiatry*, 14: 1134434.

- Xiao, F., Lv, S., Zong, Z., Wu, L., Tang, X., Kuang, W., Zhang, P., Li, X., Fu, J., Xiao, M., Wu, M., Wu, L., Zhu, X., Huang, K., Guo, H. 2020. Cerebrospinal fluid biomarkers for brain tumor detection: Clinical roles and current progress. *Am J Transl Res*, 12(4): 1379-1396.
- Zarogoulidis, P., Petridis, D., Kosmidis, C., Sapalidis, K., Nena, L., Matthaïos, D., Porpodis, K., Kakavelas, P., Steiropoulos, P. 2023. Immunotherapy and chemotherapy versus sleep disturbances for NSCLC patients. *Curr Oncol*, 30(2): 1999-2006.
- Zielinski, M.R., Krueger, J.M. 2011. Sleep and innate immunity. *Frontiers in bioscience (Scholar edition)*, 3(2): 632-642.