

DAFTAR PUSTAKA

- Al-Hadidy, A., Maani, W., Mahafza, W., Al-Najar, M. & Al-Nadii, M. 2007. Intracranial meningioma. *Radiology*. 41(1):37–50.
- Ansari, S.F., Shah, K.J., Hassaneen, W. & Cohen-Gadol, A.A. 2020. *Vascularity of meningiomas*. 1st ed. Vol. 169. *Handbook of Clinical Neurology*. Elsevier B.V.
- Azizyan, A., Eboli, P., Drazin, D., Mirocha, J., Maya, M.M. & Bannykh, S. 2014. Differentiation of benign angiomatous and microcystic meningiomas with extensive peritumoral edema from high grade meningiomas with aid of diffusion weighted MRI. *BioMed Research International*. 2014.
- Baig, M.A., Klein, J.P. & Mechtler, L.L. 2016. Imaging of Brain Tumors. 1529–1552.
- Baldi, I., Engelhardt, J., Bonnet, C., Bauchet, L., Berteaud, E., Grüber, A. and Loiseau, H. 2018. Epidemiology of meningiomas. *Neurochirurgie*. 64(1):5–14.
- Baliyan, V., Das, C.J., Sharma, R. & Gupta, A.K. 2016. Diffusion weighted imaging Technique and applications. 8(9):785–799.
- Bandpey, L.F., Santos, P.J.S., Mainegra, E.S.E., Bedoya, I.F. & Sanz, M. 2013. Diverse Imaging Appearances and Locations of Meningioma . 1–32.
- Bano, S., Waraich, M.M., Khan, M.A. & Buzdar, S.A. 2013. Diagnostic value of apparent diffusion coefficient for the accurate assessment and differentiation of intracranial meningiomas. 2(7):1–5.
- Bečulić, H., Skomorac, R., Jusić, A., Alić, F., Mašović, A., Burazerović, E., Omerhodžić, I., Dorić, M., Imamović, M., Mekić-Abazović, A. and Efendić, A. 2019. Correlation of peritumoral brain edema with morphological characteristics and ki67 proliferative index in resected intracranial meningiomas. *Acta Clinica Croatica*. 58(1):42–49.
- Cha, S. 2006. REVIEW ARTICLE Update on Brain Tumor Imaging: From Anatomy to Physiology. 27:475-486
- Chang, H.. 2009. *Peritumoral Edema*. In: Lee J.H. (eds) *Meningiomas*. London: Springer.
- Commins, D.L., Atkinson, R.D. & Burnett, M.E. 2007. Review of meningioma histopathology. *Neurosurgical focus*. 23(4):1–9.
- Cossu, G., Messerer, M., Parker, F., Levivier, M. & Daniel, R.T. 2016. Meningiomas' Management: An Update of the Literature. *Neurooncology - Newer Developments*.

- Dahlan, M.S., 2013. Besar Sampel dan Cara Pengambilan Sampel dalam Penelitian Kedokteran dan Kesehatan. 3rd ed. A. Suslia, ed. Jakarta: *Salemba Medika*
- Dahlan, M. S. 2015. *Statistik Untuk Kedokteran Dan Kesehatan*. 6th edn. pp:1- 300
- Etienne, L. & A., S.H. 2008. Meningioma. *Rare Disease Database*. 1–11. <https://rarediseases.org/rare-diseases/meningioma/>.
- Goldbrunner, R., Minniti, G., Preusser, M., Jenkinson, M.D., Sallabanda, K., Houdart, E., von Deimling, A., Stavrinou, P., Lefranc, F., Lund-Johansen, M. and Moyal, E.C.J. 2016. EANO guidelines for the diagnosis and treatment of meningiomas. *The Lancet Oncology*. 17(9):e383–e391.
- Gurkanlar, D., Er, U., Sanli, M., Özkan, M. & Sekerci, Z. 2005. Peritumoral brain edema in intracranial meningiomas. *Journal of Clinical Neuroscience*. 12(7):750–753.
- Guzman, R., Altrichter, S., El-Koussy, M., Gralla, J., Weis, J., Barth, A., Seiler, R.W., Schroth, G. and Lövblad, K.O. 2008. Contribution of the apparent diffusion coefficient in perilesional edema for the assessment of brain tumors. *Journal of Neuroradiology*. 35(4):224–229.
- Hakyemez, B., Yıldırım, N., Gokalp, G., Erdogan, C. & Parlak, M. 2006. The contribution of diffusion-weighted MR imaging to distinguishing typical from atypical meningiomas. *Neuroradiology*. 48(8):513–520.
- Harter, P.N., Braun, Y. & Plate, K.H. 2017. Classification of meningiomas-advances and controversies. *Chinese Clinical Oncology*. 6(2):1–8.
- Holleczeck, B., Zampella, D., Urbschat, S., Sahm, F., von Deimling, A., Oertel, J. and Ketter, R. 2019. Incidence, mortality and outcome of meningiomas: A population-based study from Germany. *Cancer Epidemiology*. 62, p: 101562.
- Hou, J., Kshetry, V.R., Selman, W.R. & Bambakidis, N.C. 2013. Peritumoral brain edema in intracranial meningiomas: The emergence of vascular endothelial growth factor-directed therapy. *Neurosurgical Focus*. 35(6):1–10.
- Imam, N., Elghriany, A.I., Elshanawany, A.M. & Elhakeem, A.A.S. 2019. Ki67 Proliferative Index and Peritumoral Brain Edema in Meningiomas: Do They Correlate? A Clinical Study on 56 Patients. *Open Journal of Modern Neurosurgery*. 09(04):461–471.
- Jayani, L.P.D., Supriatna, Y. & Supriyadi, B. 2020. Korelasi Antara Edema Otak Peritumoral Meningioma Pada Mri Dengan Derajat Histopatologi. *Karya Ilmiah Akhir*, Program Pendidikan Dokter Spesialis I Radiologi Fakultas Kedokteran, Kesehatan Masyarakat Dan Keperawatan Universitas Gadjah Mada Yogyakarta. pp: 1–102.
- Joo, L., Park, J.E., Park, S.Y., Nam, S.J., Kim, Y.H., Kim, J.H. and Kim, H.S. 2020. Extensive Peritumoral Edema and Brain to Tumor Interface MR Imaging

Features Enable Prediction of Brain Invasion in Meningioma: Development and Validation. 1–26.

- Kamenova, M., Guzman, R. & Soleman, J. 2019. Demographics and outcome of histologically confirmed intracranial meningiomas. *Clinical and Translational Neuroscience*. 3(2):2514183X1989494.
- Kim, B.W., Kim, M.S., Kim, S.W., Chang, C.H. & Kim, O.L. 2011. Peritumoral brain edema in meningiomas: Correlation of radiologic and pathologic features. *Journal of Korean Neurosurgical Society*. 49(1):26–30.
- Kimura, M. & Hygino, L.C. 2016. Multiparametric MR Imaging in the Assessment of Brain Tumors. *Magnetic Resonance Imaging Clinics of NA*. 24(1):87–122.
- Kunimatsu, A., Kunimatsu, N., Kamiya, K., Katsura, M., Mori, H. & Ohtomo, K. 2016. Variants of meningiomas: a review of imaging findings and clinical features. *Japanese Journal of Radiology*. 34(7):459–469.
- Joo, L., Park, J.E., Park, S.Y., Nam, S.J., Kim, Y.H., Kim, J.H. and Kim, H.S. 2011. Diagnostic value of peritumoral minimum apparent diffusion coefficient for differentiation of glioblastoma multiforme from solitary metastatic lesions. *American Journal of Roentgenology*. 196(1):71–76.
- Lee, K., Joo, W., Rha, H., Park, H., Lee, K. & Choi, C. 2003. Radiological Characteristics of Peritumoral Edema in Meningiomas. (January 2000):1–5.
- Lee, K.J., Joo, W.I., Rha, H.K., Park, H.K., Chough, J.K., Hong, Y.K. and Park, C.K. 2008. Peritumoral brain edema in meningiomas: correlations between magnetic resonance imaging, angiography, and pathology. *Surgical Neurology*. 69(4):350–355.
- Lemercier, P., Maya, S.P., Patrie, J.T., Flors, L. & Leiva-Salinas, C. 2014. Gradient of apparent diffusion coefficient values in peritumoral edema helps in differentiation of glioblastoma from solitary metastatic lesions. *American Journal of Roentgenology*. 203(1):163–169.
- Lyndon, D., Lansley, J.A., Evanson, J. & Krishnan, A.S. 2019. Dural masses: meningiomas and their mimics. *Insights into Imaging*. 10(1). pp.1-22.
- Mabray, M.C., Jr, R.F.B. & Cha, S. 2015. Modern Brain Tumor Imaging. 3(1):8–23.
- Mattei, T.A., Mattei, J.A., Ramina, R., Aguiar, P.H., Plese, J.P. & Marino, R. 2005. Edema and malignancy in meningiomas. *Clinics (São Paulo, Brazil)*. 60(3):201–206.
- Oh, J., Cha, S., Aiken, A.H., Han, E.T., Crane, J.C., Stainsby, J.A., Wright, G.A., Dillon, W.P. and Nelson, S.J. 2005. Quantitative apparent diffusion coefficients and T2 relaxation times in characterizing contrast enhancing

- brain tumors and regions of peritumoral edema. *Journal of Magnetic Resonance Imaging*. 21(6):701–708.
- Pavlista, G., Rados, M., Pavlista, G., Pavic, L., Potocki, K. & Mayer, D. 2009. The differences of water diffusion between brain tissue infiltrated by tumor and peritumoral vasogenic edema. *Clinical Imaging*. 33(2):96–101.
- Perry, A. 2018. 13 - Meningiomas. *Practical Surgical Neuropathology: A Diagnostic Approach A Volume in the Pattern Recognition Series*. 259–298.
- Provenzale, J.M., McGraw, P., Mhatre, P., Guo, A.C. & Delong, D. 2004. Radiology Peritumoral Brain Regions in Gliomas and Meningiomas : Investigation with Isotropic Imaging and Diffusion-Tensor. 451–460.
- Reimer, P., Parizel, P.M., Meaney, J.F.M. & Stichnoth, F.A. 2010. *Clinical MR Imaging A Practical Approach*. Vol. 3rd Editio.
- Reszec, J., Hermanowicz, A., Rutkowski, R., Turek, G., Mariak, Z. & Chyczewski, L. 2015. Expression of MMP-9 and VEGF in meningiomas and their correlation with peritumoral brain edema. *BioMed Research International*. 2015.
- Ringel, F., Cedzich, C. & Schramm, J. 2007. Microsurgical technique and results of a series of 63 spheno-orbital meningiomas. *Neurosurgery*. 60(4 SUPPL. 2):214–222.
- Sastroasmoro, S. and Ismael, S., 2011. Dasar-dasar metodologi penelitian klinis Edisi ke-4. Jakarta: Sagung Seto, p.376
- Server, A., Kulle, B., Maehlen, J., Josefsen, R., Schellhorn, T., Kumar, T., Langberg, C.W. and Nakstad, P.H. 2015. Quantitative Apparent Diffusion Coefficients in the Characterization of Brain Tumors and Associated Peritumoral Edema. *Acta radiologica*, 50(6):682-689
- Shao, C., Bai, L.P., Qi, Z.Y., Hui, G.Z. & Wang, Z. 2014. Overweight, obesity and meningioma risk: A meta-analysis. *PLoS ONE*. 9(2).
- Simis, A., Pires de Aguiar, P.H., Leite, C.C., Santana, P.A., Rosemberg, S. & Teixeira, M.J. 2008. Peritumoral brain edema in benign meningiomas: correlation with clinical, radiologic, and surgical factors and possible role on recurrence. *Surgical Neurology*. 70(5):471–477.
- de Souza, E.M., Costa, E.T. & Castellano, G. 2017. Phantoms for diffusion-weighted imaging and diffusion tensor imaging quality control: A review and new perspectives. *Research on Biomedical Engineering*. 33(2):156–165.
- Surov, A., Gottschling, S., Mawrin, C., Prell, J. & Spielmann, R.P. 2015. Tr a n s l a t i o n a l O n c o l o g y Diffusion-Weighted Imaging in Meningioma : Prediction of Tumor Grade and Association with Histopathological. *TRANON*. 8(6):517–523.

- Svolos, P., Tsolaki, E., Kapsalaki, E., Theodorou, K., Fountas, K., Fezoulidis, I. and Tsougos, I. 2013. Investigating brain tumor differentiation with diffusion and perfusion metrics at 3T MRI using pattern recognition techniques. *Magnetic Resonance Imaging*. 7–10.
- Toh, C.H., Castillo, M., Wong, A.C., Wei, K.C., Wong, H.F., Ng, S.H. and Wan, Y.L. 2008. Differentiation Between Classic and Atypical Meningiomas with Use of Diffusion Tensor. *AJNR*. 29:1630–1635.
- Utomo, P.D., 2019. Korelasi Ukuran dan Jumlah Nodul Dengan Kadar Serum Albumin Pada Karsinoma Hepatoseluler, *Karya Ilmiah Akhir*, Program Pendidikan Dokter Spesialis I Radiologi Fakultas Kedokteran, Kesehatan Masyarakat Dan Keperawatan Universitas Gadjah Mada Yogyakarta
- Wang, P.F., Ji, W.J., Zhang, X.H., Li, S.W. & Yan, C.X. 2017. Allergy reduces the risk of meningioma: A meta-analysis. *Scientific Reports*. 7:1–6.
- Wiemels, J., Wrensch, M. & Claus, E.B. 2010. Epidemiology and etiology of meningioma. *Journal of Neuro-Oncology*. 99(3):307–314.
- Wu, J.C. 2014. Risk factors of meningioma. *Journal of the Chinese Medical Association*. 77(9):451–452.
- Yin, B., Liu, L., Zhang, B.Y., Li, Y.X., Li, Y. & Geng, D.Y. 2012. Correlating apparent diffusion coefficients with histopathologic findings on meningiomas. *European Journal of Radiology*. 81(12):4050–4056.