UNIVERSITAS
GADJAH MADA
NILAI DIAGNOSTIK DIFFUSION WEIGHTED IMAGING DAN APPARENT DIFFUSION COEFFICIENT DALAM MENENTUKAN DERAJAT ASTROSITOMA SUPRATENTORIAL
PRAMIADI, dr. Yana Supriatna, PhD, SpRad (K).; dr. Evi Artsini, Sp.Rad (K)
Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

Bai, X., Zhang, Y., Liu, Y., Han, T. and Liu, L. (2011). Grading of supratentorial astrocytic tumors by using the difference of ADC value. *Neuroradiology*, 53:533–539.

Baig, M. A., Klein, J. P. and Mechtler, L. L. (2016). Imaging of Brain Tumors. *Neuroimaging*, 22(5):1529–1552.

Bammer, R. (2003). Basic principles of diffusion-weighted imaging. *European Journal of Radiology*, 45:169–184.

Bernstein, M. and Parrent, A. G. (1994). Complications of CT-guided stereotactic biopsy of intra-axial brain lesions. *Journal of Neurosurgery*, 81:165–168.

Bosma, I., Vos, M. J., Heimans, J. J., Taphoorn, M. J. B., Aaronson, N. K., Postma, T. J., *et al*., (2007). The course of neurocognitive functioning in high-grade glioma patients. *Neuro-Oncology*, 9(1):53–62.

Brandão, L. A., Shiroishi, M. S. and Law, M. (2013). Brain Tumors A Multimodality Approach with Diffusion-Weighted Imaging, Diffusion Tensor Imaging, Magnetic Resonance Spectroscopy, Dynamic Susceptibility Contrast and Dynamic Contrast-Enhanced Magnetic Resonance Imaging. *Magnetic Resonance Imaging Clinics of North America*, 21(2):199–239.

Bulakbasi, N., Guvenc, I., Onguru, O., Erdogan, E., Tayfun, C. and Ucoz, T. (2004). The Added Value of the Apparent Diffusion Coefficient Calculation to Magnetic Resonance Imaging in the Differentiation and Grading of Malignant Brain Tumors. *Neuroradiology*, 28(6): 735–746.

Caulo, M., Panara, V., Tortora, D., Mattei, P. A., Briganti, C., Pravatà, E., *et al*., (2014). Data-driven Grading of Brain Gliomas: A Multiparametric MR Imaging Study. *Radiology*, 272(2):494–503.

Cha, S. (2006). Update on Brain Tumor Imaging: From Anatomy to Physiology. *American Journal of Neuroradiology*, 27:475–487.

da Cruz Jr, L. C. H. and Kimura, M. (2016). Diffusion Magnetic Resonance Imaging in Brain Tumors. In: Newton, H. and Jolesz, F. ed., *Handbook of Neuro-Oncology Neuroimaging*. 2nd ed. Elsevier Ltd:273–300.

Dahlan, M. S. (2009). Menentukan Besar Sampel. In: *Besar Sampel dan Cara Pengambilan Sampel dalam Penelitian Kedokteran dan Kesehatan*. 2nd ed. Jakarta: Salemba Medika:18–19.

UNIVERSITAS
GADJAH MADA
NILAI DIAGNOSTIK DIFFUSION WEIGHTED IMAGING DAN APPARENT DIFFUSION COEFFICIENT DALAM MENENTUKAN DERAJAT ASTROSITOMA SUPRATENTORIAL
PRAMIADI, dr. Yana Supriatna, PhD, SpRad (K).; dr. Evi Artsini, Sp.Rad (K)
Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

DeAngelis, L. M. (2001). Brain Tumors. *The New England Journal of Medicine*, 344(2):114–123.

Ferlay, J., Soerjomataram, I., Dikshit, R., Eser, S., Mathers, C., Rebelo, M., *et al*., (2015). Cancer incidence and mortality worldwide: Sources, methods and major patterns in GLOBOCAN 2012. *International Journal of Cancer*, 136:359–386.

Geneidi, E. A. S., Habib, L. A., Chalabi, N. A. and Haschim, M. H. (2016). Potential role of quantitative MRI assessment in differentiating high from low-grade gliomas. *The Egyptian Journal of Radiology and Nuclear Medicine*, 47:243–253.

Goodenberger, M. L. and Jenkins, R. B. (2012). Genetics of adult glioma. *Cancer Genetics*, 205(12):613–621.

Higano, S., Yun, X., Kumabe, T., Watanabe, M., Mugikura, S., Umetsu, A., Sato, A., Yamada, T. and Takahashi, S. (2006). Malignant Astrocytic Tumors: Clinical Importance of Apparent Diffusion Coefficient in Prediction of Grade and Prognosis. *Radiology*, 241(3):839–846.

Kelft, E. Van De (1997). Molecular Pathogenesis of Astrocytoma and Glioblastoma Multiforme. *Acta Neurochirurgica*, 139:589–599.

Kesari, S. (2011). Tumor Biology: The Potential to Improve Current Diagnosis and Treatments. *Seminars in Oncology*, 38(Suppl 4):S2–S10.

Kim, B. and Gutierrez, J. E. (2012). Contrast-Enhanced MR Imaging in Neuroimaging. *Magnetic Resonance Imaging Clinics of North America*, 20(4):649–685.

Kimura, M. and da Cruz, L. C. H. (2016). Multiparametric MR Imaging in the Assessment of Brain Tumors. *Magnetic Resonance Imaging Clinics of North America*, 24:87–122.

Kleihues, P., Soylemezoglu, F., Schauble, B., Scheithauer, B. W. and Burger, P. C. (1995). Histopathology, Classification, and Grading of Gliomas. *Glia*, 15(3):211–221.

Kono, K., Inoue, Y., Nakayama, K., Shakudo, M., Morino, M., Ohata, K., *et al*,. (2001). The Role of Diffusion-weighted Imaging in Patients with Brain Tumors. *American Journal of Neuroradiology*, 22(6): 1081–1088.

Larjavaara, S., Mäntylä, R., Salminen, T., Haapasalo, H., Raitanen, J., Jääskeläinen, J. *et al*,. (2007). Incidence of gliomas by anatomic location. *Neuro-Oncology*, 9(3):319–325.

UNIVERSITAS
GADJAH MADA
NILAI DIAGNOSTIK DIFFUSION WEIGHTED IMAGING DAN APPARENT DIFFUSION COEFFICIENT DALAM MENENTUKAN DERAJAT ASTROSITOMA SUPRATENTORIAL
PRAMIADI, dr. Yana Supriatna, PhD, SpRad (K).; dr. Evi Artsini, Sp.Rad (K)
Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

Law, M., Yang, S., Wang, H., Babb, J. S., Johnson, G., Cha, S., *et al*,. (2003). Glioma Grading: Sensitivity, Specificity, and Predictive Values of Perfusion MR Imaging and Proton MR Spectroscopic Imaging Compared with Conventional MR Imaging. *American Journal of Neuroradiology*, 24(10):1989–1998.

Lee, E. J., Lee, S. K., Agid, R., Bae, J. M., Keller, A. and TerBrugge, K. (2008). Preoperative Grading of Presumptive Low-Grade Astrocytomas on MR Imaging: Diagnostic Value of Minimum Apparent Diffusion Coefficient. *American Journal of Neuroradiology*, 29:1872–1877.

Lequin, M. and Hendrikse, J. (2017). Advanced MR Imaging in Pediatric Brain Tumors, Clinical Applications. *Neuroimaging Clinics of North America*, 27(1):167–190.

Louis, D. N., Perry, A., Reifenberger, G., Deimling, A. Von, Figarella, D., *et al*,. (2016). The 2016 World Health Organization Classification of Tumors of the Central Nervous System: a summary. *Acta Neuropathologica*, 131(6):803–820.

Maier, S. E. (2016). Diffusion Imaging of Brain Tumors. In Newton, H. and Jolesz, F. ed., *Handbook of Neuro-Oncology Neuroimaging*. 2nd ed. Elsevier Ltd:301–315.

Nabors, L. B. (2016). Central Nervous System: Notable Developments in the Management of Primary and Recurrent Gliomas. *Journal of the National Comprehensive Cancer Network*, 14(5):681–684.

Nabors, L. B., Ammirati, M., Bierman, P. J., Brem, H., Butowski, N., Chamberlain, M. C., *et al*,. (2013). Central Nervous System Cancers Clinical Practice Guidelines in Oncology. *Journal of the National Comprehensive Cancer Network*, 11(9):1114–1151.

Ono, Y., Chernov, M. F., Muragaki, Y., Maruyama, T., Abe, K. and Iseki, H. (2018). Imaging of Intracranial Gliomas. *Progress in Neurological Surgery*, 30:12–62.

Ostrom, Q. T., Bauchet, L., Davis, F. G., Deltour, I., Fisher, J. L., Langer, C. E., *et al*,. (2014). The epidemiology of glioma in adults: a “state of the science” review. *Neuro-Oncology*, 16(7):896–913.

Ostrom, Q. T., Gittleman, H., Liao, P., Vecchione-koval, T., Wolinsky, Y., Kruchko, C. *et al*,. (2017). CBTRUS Statistical Report: Primary brain and other central nervous system tumors diagnosed in the United States in 2010–2014. *Neuro-Oncology*, 19(suppl_5):1–88.

UNIVERSITAS
GADJAH MADA
NILAI DIAGNOSTIK DIFFUSION WEIGHTED IMAGING DAN APPARENT DIFFUSION COEFFICIENT DALAM MENENTUKAN DERAJAT ASTROSITOMA SUPRATENTORIAL
PRAMIADI, dr. Yana Supriatna, PhD, SpRad (K).; dr. Evi Artsini, Sp.Rad (K)
Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

Ostrom, Q. T., Gittleman, H., Stetson, L., Virk, S. and Barnholtz-sloan, J. S. (2018). Epidemiology of Intracranial Gliomas. *Progress in Neurological Surgery*, 30:1–11.

Raisi-nafchi, M., Faeghi, F., Zali, A., Haghighatkhah, H. and Jalal-Shokouhi, J. (2016). Preoperative Grading of Astrocytic Supratentorial Brain Tumors with Diffusion-Weighted Magnetic Resonance Imaging and Apparent Diffusion Coefficient. *Iranian Journal of Radiology*, 13(3):e30426.

Rees, J. H. (2011). Diagnosis and treatment in neuro-oncology: an oncological perspective. *The British Journal of Radiology*, 84(Spec Iss 2):S082–S089.

Rees, J. H., Smirniotopoulos, J. G., Jones, R. V and Wong, K. (1996). Glioblastoma Multiforme: Radiologic-Pathologic Correlation. *RadioGraphics*, 16(6):1413–1438.

Sastroasmoro, S. and Ismael, S. (2011). Usulan Penelitian. In: *Dasar-Dasar Metodologi Penelitian Klinis*. 4th ed. Jakarta: Sagung Seto:31–63.

Schaefer, P. W., Grant, P. E. and Gonzalez, R. G. (2000). Diffusion-weighted MR Imaging of the Brain. *Radiology*, 217(2):331–345.

Stoyanov, G. S. and Dzhenkov, D. L. (2018). On the Concepts and History of Glioblastoma Multiforme - Morphology, Genetics and Epigenetics. *Folia Medica*, 60(1):48–66.

Tan, Y., Zhang, H., Wang, X., Qin, J. and Wang, L. (2018). The value of multi ultra high-b-value DWI in grading cerebral astrocytomas and its association with aquaporin-4. *The British Journal of Radiology*, 91(1086):20170696.

Theeler, B. J. and Groves, M. D. (2011). High-Grade Gliomas. *Current Treatment Options in Neurology*, 13:386–399.

Villanueva-Meyer, J. E., Mabray, M. C. and Cha, S. (2017). Current Clinical Brain Tumor Imaging. *Neurosurgery*, 81(3):397–415.

Wen, P. Y. and Kesari, S. (2008). Malignant Gliomas in Adults. *The New England Journal of Medicine*, 359:492–507.

Wesseling, P., Kros, J. M. and Jeuken, J. W. M. (2011). The pathological diagnosis of diffuse gliomas: towards a smart synthesis of microscopic and molecular information in a multidisciplinary context. *Diagnostic Histopathology*, 17(11):486–494.

Young, G. S. (2007). Advanced MRI of Adult Brain Tumors. *Neurologic Clinics*, 25:947–973.

UNIVERSITAS
GADJAH MADA
NILAI DIAGNOSTIK DIFFUSION WEIGHTED IMAGING DAN APPARENT DIFFUSION COEFFICIENT DALAM MENENTUKAN DERAJAT ASTROSITOMA SUPRATENTORIAL
PRAMIADI, dr. Yana Supriatna, PhD, SpRad (K).; dr. Evi Artsini, Sp.Rad (K)
Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

Yu, X., Liu, Z., Tian, Z., Li, S., Huang, H., Xiu, B., *et al*,. (2000). Stereotactic Biopsy for Intracranial Space-Occupying Lesions: Clinical Analysis of 550 Cases. *Stereotactic and Functional Neurosurgery*, 75:103–108.

Zhang, L., Min, Z., Tang, M., Chen, S., Lei, X. and Zhang, X. (2017). The utility of diffusion MRI with quantitative ADC measurements for differentiating high-grade from low-grade cerebral gliomas: Evidence from a meta-analysis. *Journal of the Neurological Sciences*, 373:9–15.