

**DAFTAR PUSTAKA**

- Agarwal, S., Kundu, Z., Kumar, S., & Sangwan, S. (2014). Single voxel 1 H magnetic resonance spectroscopy in the diagnosis of musculoskeletal mass lesions . *Clinical Cancer Investigation Journal*. <https://doi.org/10.4103/2278-0513.125800>
- Alyas, F., James, S. L., Davies, A. M., & Saifuddin, A. (2007). The role of MR imaging in the diagnostic characterisation of appendicular bone tumours and tumour-like conditions. In *European Radiology*. <https://doi.org/10.1007/s00330-007-0597-y>
- Beaman, F., Jelinek, J., & Priebat, D. (2013). Current imaging and therapy of malignant soft tissue tumors and tumor-like lesions. In *Seminars in Musculoskeletal Radiology*. <https://doi.org/10.1055/s-0033-1343094>
- Canese, R., Iorio, E., Ricci, A., Pisanu, M., Giannini, M., & Podo, F. (2009). Metabolite Quantification in Tumours by Magnetic Resonance Spectroscopy: Objectives, Results and Perspectives. *Current Medical Imaging Reviews*. <https://doi.org/10.2174/157340509788185306>
- Daniel, A., Ullah, E., Wahab, S., & Kumar, V. (2009). Relevance of MRI in prediction of malignancy of musculoskeletal system-A prospective evaluation. *BMC Musculoskeletal Disorders*. <https://doi.org/10.1186/1471-2474-10-125>
- Deshmukh, S., Subhawong, T., Arrino, J. A., & Fayad, L. (2014). Role of MR spectroscopy in musculoskeletal imaging. *Indian Journal of Radiology and*

*Imaging*. <https://doi.org/10.4103/0971-3026.137024>

Fayad, L. M., Barker, P. B., Jacobs, M. A., Eng, J., Weber, K. L., Kulesza, P., & Bluemke, D. A. (2007). Characterization of musculoskeletal lesions on 3-T proton MR spectroscopy. *American Journal of Roentgenology*.

<https://doi.org/10.2214/AJR.06.0935>

Fayad, L. M., Wang, X., Salibi, N., Barker, P. B., Jacobs, M. A., Machado, A. J., Weber, K. L., & Bluemke, D. A. (2010). A Feasibility study of quantitative molecular characterization of musculoskeletal lesions by proton MR spectroscopy at 3 T. *American Journal of Roentgenology*.

<https://doi.org/10.2214/AJR.09.3718>

Frahm, J., Merboldt, K. D., & Hänicke, W. (1987). Localized proton spectroscopy using stimulated echoes. *Journal of Magnetic Resonance (1969)*.

[https://doi.org/10.1016/0022-2364\(87\)90154-5](https://doi.org/10.1016/0022-2364(87)90154-5)

Geneidi, E. A. S., Ali, H. I., & Dola, E. F. (2016). Role of DWI in characterization of bone tumors. *Egyptian Journal of Radiology and Nuclear Medicine*. <https://doi.org/10.1016/j.ejrm.2016.06.017>

Gober, J. R. (1993). Noninvasive tissue characterization of brain tumors and radiation therapy using magnetic resonance spectroscopy. In *Neuroimaging Clinics of North America*.

Hermann, G., Abdelwahab, I. F., Miller, T. T., Klein, M. J., & Lewis, M. M. (1992). Tumour and tumour-like conditions of the soft tissue: Magnetic resonance imaging features differentiating benign from malignant masses.

*British Journal of Radiology*. <https://doi.org/10.1259/0007-1285-65-769-14>

Hsieh, T. J., Li, C. W., Chuang, H. Y., Liu, G. C., & Wang, C. K. (2008).

Longitudinally monitoring chemotherapy effect of malignant musculoskeletal tumors with in vivo proton magnetic resonance spectroscopy: An initial experience. *Journal of Computer Assisted Tomography*. <https://doi.org/10.1097/RCT.0b013e31815b9ce9>

McRobbie, D. W., Moore, E. A., & Graves, M. J. (2017). MRI from picture to proton. In *MRI from Picture to Proton*.

<https://doi.org/10.2214/ajr.182.3.1820592>

Nascimento, D., Suchard, G., Hatem, M., & de Abreu, A. (2014). The role of magnetic resonance imaging in the evaluation of bone tumours and tumour-like lesions. In *Insights into Imaging*. <https://doi.org/10.1007/s13244-014-0339-z>

Patni, R. S., Boruah, D. K., Sanyal, S., Gogoi, B. B., Patni, M., Khandelia, R., & Gogoi, N. (2017). Characterisation of musculoskeletal tumours by multivoxel proton MR spectroscopy. *Skeletal Radiology*.

<https://doi.org/10.1007/s00256-017-2573-1>

Paz, J. C. (2014). Acute Care Handbook for Physical Therapists. In *Acute Care Handbook for Physical Therapists*. <https://doi.org/10.1016/B978-1-4557-2896-1.00008-1>

Ratnaparkhi, C. R., Tayade, K. A., & Mitra, K. R. (2018). Magnetic resonance spectroscopy of giant cell tumour of bone. *Journal of Clinical and*

*Diagnostic Research*, 12(11), 7–10.

<https://doi.org/10.7860/JCDR/2018/37273.12261>

Ricci, P. E., Pitt, A., Keller, P. J., Coons, S. W., & Heiserman, J. E. (2000). Effect of voxel position on single-voxel MR spectroscopy findings. *American Journal of Neuroradiology*.

Sah, P. L., Sharma, R., Kandpal, H., Seith, A., Rastogi, S., Bandhu, S., & Jagannathan, N. R. (2008). In vivo proton spectroscopy of giant cell tumor of the bone. *AJR. American Journal of Roentgenology*.

<https://doi.org/10.2214/AJR.07.2802>

Subhawong, T. K., Wang, X., Durand, D. J., Jacobs, M. A., Carrino, J. A., Machado, A. J., & Fayad, L. M. (2012a). Proton MR spectroscopy in metabolic assessment of musculoskeletal lesions. In *American Journal of Roentgenology*. <https://doi.org/10.2214/AJR.11.6505>

Subhawong, T. K., Wang, X., Durand, D. J., Jacobs, M. A., Carrino, J. A., Machado, A. J., & Fayad, L. M. (2012b). Proton MR spectroscopy in metabolic assessment of musculoskeletal lesions. In *American Journal of Roentgenology*. <https://doi.org/10.2214/AJR.11.6505>

Van Der Graaf, M. (2010). In vivo magnetic resonance spectroscopy: Basic methodology and clinical applications. In *European Biophysics Journal*. <https://doi.org/10.1007/s00249-009-0517-y>

Wang, C. K., Li, C. W., Hsieh, T. J., Chien, S. H., Liu, G. C., & Tsai, K. B. (2004). Characterization of bone and soft-tissue tumors with in vivo <sup>1</sup>H MR

spectroscopy: Initial results. *Radiology*.

<https://doi.org/10.1148/radiol.2322031441>

Westbrook, C., Roth, C. K., & Talbot, J. (2014). *MRI in Practice 4th Edition*.