

DAFTAR PUSTAKA

- Algarni, A. A., Alshuhri, A. H., Alonazi, M. M., Mourad, M. M., & Bramhall, S. R. (2016). Focal liver lesions found incidentally. *World Journal of Hepatology*, 8(9), 446–451. <https://doi.org/10.4254/wjh.v8.i9.446>
- Aprilita, A. N. (2019). *Profil Perubahan Sinyal Pada Lesi Fokal Liver Menggunakan Sekuens In Phase dan Opposed Phase MRI Abdomen*.
- Araujo, B. M., Costa, F. R., & Carvalho, A. (2015). *Fat-containing lesion in the liver - What can it be ?* 1–21.
- Azam, M., nur, muhammad, & Damanik, A. (2005). Pengaruh Parameter Teknis Tr, Te Dan Ti Dalam Pembobotan T1, T2 Dan Flair Pencitraan Magnetic Resonance Imaging (Mri). *Berkala Fisika*, 8(1), 15–20.
- Ba-Ssalamah, A., Uffmann, M., Saini, S., Bastati, N., Herold, C., & Schima, W. (2009). Clinical value of MRI liver-specific contrast agents: A tailored examination for a confident non-invasive diagnosis of focal liver lesions. *European Radiology*, 19(2), 342–357. <https://doi.org/10.1007/s00330-008-1172-x>
- Biffar, A., Dürr, H. R., Baur-melnyk, A., Geith, T., Schmidt, G., & Biffar, A. (2012). *Musculoskeletal Imaging • Original Research*. November, 1083–1092. <https://doi.org/10.2214/AJR.11.8010>
- Del Grande, F., Farahani, S. J., Carrino, J. A., & Chhabra, A. (2014). Bone marrow lesions: A systematic diagnostic approach. *Indian Journal of Radiology and Imaging*, 24(3), 279–287. <https://doi.org/10.4103/0971-3026.137049>
- Diana Afonso, P., & Mascarenhas, V. V. (2015). Imaging techniques for the diagnosis of soft tissue tumors. *Reports in Medical Imaging*, 8, 63–70. <https://doi.org/10.2147/RMI.S54490>
- Donato, H., França, M., Candelária, I., & Caseiro-Alves, F. (2017). Liver MRI: From basic protocol to advanced techniques. *European Journal of Radiology*, 93(February), 30–39. <https://doi.org/10.1016/j.ejrad.2017.05.028>
- El-Samie, H. A. E. K. A., & El-Ghany, H. S. A. (2015). The value of added opposed/in phase MRI sequences in characterization of the focal vertebral bone marrow lesions in oncology patients. *Egyptian Journal of Radiology and Nuclear Medicine*, 46(3), 727–732. <https://doi.org/10.1016/j.ejrm.2015.05.004>
- Erawati, D., Utomo, S. A., Ugrasena, I., Bari, Y. A., Edward, M., Mahyudin, F., Ayu, O., Sedana, M. P., Setiawati, R., Basuki, Mu. H., Rahardjo, P., Pasaribu, U. P., & Mustokoweni, S. (2017). *Biopsi pada Muskuloskeletal Tumor* (F. Mahyudin (ed.); Pertama). Sagung Seto.
- Erly, W. K., Oh, E. S., & Outwater, E. K. (2006). The utility of in-phase/opposed-phase imaging in differentiating malignancy from acute benign compression fractures

- of the spine. *American Journal of Neuroradiology*, 27(6), 1183–1188.
- Fowler, K. J., Brown, J. J., & Narra, V. R. (2011). Magnetic resonance imaging of focal liver lesions: Approach to imaging diagnosis. *Hepatology*, 54(6), 2227–2237. <https://doi.org/10.1002/hep.24679>
- Goodwin, M. D., Dobson, J. E., Sirlin, C. B., Lim, B. G., & Stella, D. L. (2011). Diagnostic challenges and pitfalls in MR imaging with hepatocyte-specific contrast agents. *Radiographics*, 31(6), 1547–1568. <https://doi.org/10.1148/rg.316115528>
- Gorunescu, F. (2011). *Data Mining Concepts, Models and Techniques* (K. Janusz & J. Lakhmi C (eds.)). Scientific Publishing Services Pvt. Ltd., Chennai, India. <https://doi.org/10.1007/978-3-642-19721-5>
- Hamilton, G., Chavez, A. D., & B, B. S. J. (2009). *Fatty Liver Disease : MR Imaging Tech- niques for the Detec- tion and Quantifica- tion of Liver Steatosis I*. 231–261.
- Hospital, A. (2017). Kanker Hati. *Liver Cancer Indonesia*.
- Kenneally, B. E., Gutowski, C. J., Reynolds, W., Morrison, W. B., & John, A. (2015). Author ' s Accepted Manuscript. *Journal of Bone Oncology*. <https://doi.org/10.1016/j.jbo.2015.10.001>
- Maniam, S. (2010). Magnetic resonance imaging: Review of imaging techniques and overview of liver imaging. *World Journal of Radiology*, 2(8), 309. <https://doi.org/10.4329/wjr.v2.i8.309>
- Masturoh, I., & Anggita T, N. (2018). *Metodologi Penelitian Kesehatan*. Pusat Pendidikan Sumber Daya Manusia Kesehatan.
- Matos, A. P., Velloni, F., Ramalho, M., Alobaidy, M., Rajapaksha, A., & Semelka, R. C. (2015). Focal liver lesions: Practical magnetic resonance imaging approach. *World Journal of Hepatology*, 7(16), 1987–2008. <https://doi.org/10.4254/wjh.v7.i16.1987>
- Mcrobbie, D. W., Moore, E. A., Graves, M. J., & Prince, M. R. (n.d.). *MRI from Picture to Proton MRI from Picture to Proton*.
- Merkle, E. M., & Nelson, R. C. (2006). Dual gradient-echo in-phase and opposed-phase hepatic MR imaging: A useful tool for evaluating more than fatty infiltration or fatty sparing. *Radiographics*, 26(5), 1409–1418. <https://doi.org/10.1148/rg.265055711>
- Ogura, A., Hayakawa, K., Maeda, F., Saeki, F., Syukutani, A., Shibutani, S., & Kuroda, E. (2012). Differential diagnosis of vertebral compression fracture using inphase/opposed-phase and short TI inversion recovery imaging. *Acta Radiologica*, 53(4), 450–455. <https://doi.org/10.1258/ar.2012.110524>

- Pokharel, S. S., Macura, K. J., Kamel, I. R., & Zaheer, A. (2013). Current MR imaging lipid detection techniques for diagnosis of lesions in the abdomen and pelvis. *Radiographics*, *33*(3), 681–702. <https://doi.org/10.1148/rg.333125068>
- Ramalho, M., Herédia, V., De Campos, R. O. P., Dale, B. M., Azevedo, R. M., & Semelka, R. C. (2012). In-phase and out-of-phase gradient-echo imaging in abdominal studies: Intra-individual comparison of three different techniques. *Acta Radiologica*, *53*(4), 441–449. <https://doi.org/10.1258/ar.2012.110695>
- Shetty, A. S., Sipe, A. L., Zulfiqar, M., Tsai, R., Raptis, D. A., Raptis, C. A., & Bhalla, S. (2019). In-phase and opposed-phase imaging: Applications of chemical shift and magnetic susceptibility in the chest and abdomen. *Radiographics*, *39*(1), 115–135. <https://doi.org/10.1148/rg.2019180043>
- Sinha, T. (2018). *Tumors: Benign and Malignant*. *10*(3), 1–3. <https://doi.org/10.19080/CTOIJ.2018.10.555790>
- Sugiyono. (2018). *Metode Penelitian Kuantitatif*. ALFABETA.
- Warner, J. (2004). Clinicians' guide to evaluating diagnostic and screening tests in psychiatry. *Advances in Psychiatric Treatment*, *10*(6), 446–454. <https://doi.org/10.1192/apt.10.6.446>
- Westbrook, C., Roth, C. K., & Talbot, J. (2014). *MRI in Practice 4th Edition*.
- Yamoto, M., Iwazaki, T., Takeuchi, K., Sano, K., Fukumoto, K., Takahashi, T., Nomura, A., Ooyama, K., Sekioka, A., Yamada, Y., & Urushihara, N. (2018). The fetal lung-to-liver signal intensity ratio on magnetic resonance imaging as a predictor of outcomes from isolated congenital diaphragmatic hernia. *Pediatric Surgery International*, *34*(2), 161–168. <https://doi.org/10.1007/s00383-017-4184-2>
- Zajick, D. C., Morrison, W. B., Schweitzer, M. E., Parellada, J. A., & Carrino, J. A. (2005). Benign and malignant processes: Normal values and differentiation with chemical shift MR imaging in vertebral marrow. *Radiology*, *237*(2), 590–596. <https://doi.org/10.1148/radiol.2372040990>
- Zidan, D. Z., Habib, L. A., & Chalabi, N. A. (2014). Quantitative chemical-shift MR imaging cutoff value: Benign versus malignant vertebral compression - Initial experience. *Egyptian Journal of Radiology and Nuclear Medicine*, *45*(3), 779–786. <https://doi.org/10.1016/j.ejrm.2014.05.016>