

## DAFTAR PUSTAKA

1. Ehrlich GE. Low Back Pain. Bulletin of the World Health Organization. 2003;81:671-676.
2. Kemalasari AF. Gambaran Radiologis pada Pasien Low Back Pain di RSUD Kebumen Periode Bulan Juni – Juli 2015 (tesis). Universitas Islam Indonesia; 2016.
3. Goethem JV, Hauwe LVD, Parizel PM. Evidence based medicine for low back pain. In: Spinal imaging diagnostic imaging of the spine and spinal cord. 1st ed. Belgia : Springer; 2007. P. 112.
4. Muñoz IC, Conesa AG, Meca JS. Prevalence of low back pain in children and adolescents: a meta-analysis. BMC Pediatrics. 2013; 13:14.
5. Balagué F, Mannion AF, Pellisé F, Cedraschi C. Non specific low back pain. Lancet. 2012; 379: 482–491.
6. Bratton RL. Assessment and management of acute low back pain. Am Fam Physician. 1999 ;60(8):2299-2306.
7. Suhadi I, Gambaran klinik dan radiologi kasus low back pain di rumah sakit Immanuel Bandung periode tahun 2002-2005 (skripsi). Universitas Kristen Maranatha; 2006.
8. Panduwinata W. Peranan magnetic resonance imaging dalam diagnosis nyeri punggung bawah kronik. CDK-215. 2014; 41: 260-263.
9. Duthey B. Background paper 6.24 à low back pain. Available at : [http://www.who.int/medicines/areas/priority\\_medicines/BP6\\_24LBP.pdf](http://www.who.int/medicines/areas/priority_medicines/BP6_24LBP.pdf) - Diakses pada November 2017.
10. Bradley WG. Low back pain. AJNR Am J Neuroradiol. 2007; 28: 990–992.
11. Purba JS, Rumawas AM. Nyeri punggung bawah : studi epidemiologi, patofisiologi dan penanggulangan. Berkala Neurosains. 2006; 7: 85-93.
12. Yasin MM, Agung K, Sustini F, Andreani S, Rochman F. Hubungan antara karakteristik, antropometrik, kebiasaan, status psikososial, dan gambaran radiografis responden dengan kejadian spondylogenetic low back pain. Journal of Orthopaedi and Traumatology Surabaya. 2013; 2(1):95–106.

13. American College of Radiology. ACR appropriateness criteria: low back pain. Available at: <https://acsearch.acr.org/docs/69483/Narrative/> - Diakses pada Oktober 2017.
14. Deyo RA, Jarvik JG, Chou R. Low back pain in primary care. BMJ. 2014; 349: 1-6.
15. Mutmainna SC, Ali RH, Loho E. Gambaran foto lumbal pasien dengan gejala klinis nyeri punggung bawah di bagian/SMF radiologi RSUP Prof. Dr. R. D. Kandou Manado periode Januari 2012 – Desember 2012. Jurnal Biomedik (JBM). 2014; 6(1): 46-49.
16. Ahidjo A, Ayough SN, Nwobi IC, Garba I, Njiti MM, Abdullahi A. Common radiographic findings in patients with low back pain a major nigerian teaching hospital. Journal of Association of Radiographers of Nigeria. 2012; 26: 35 – 41.
17. Rusjdi DA. Hubungan antara indeks massa tubuh (IMT) dengan hernia nukleus pulposus (HNP) lumbal menggunakan *Magnetic Resonance Imaging* (MRI) 1,5 Tesla di rumah sakit Hasan Sadikin Bandung (tesis). Universitas Padjajaran; 2014.
18. Sheehan NJ. Magnetic resonance imaging for low back pain: indications and limitations. Ann Rheum Dis. 2010;69:7–11.
19. Roudsari B, Jarvik JG. Lumbar spine MRI for low back pain: indications and yield. AJR. 2010; 195:550–559.
20. Mariconda M, Galasso O, Imbimbo L, Lotti G, Milano C. Relationship between alterations of the lumbar spine, visualized with magnetic resonance imaging, and occupational variables. Eur Spine J. 2007; 16: 255–266.
21. Snell R. Columna vertebralis, medulla spinalis, dan meningen. In: Suwahjo A, Liestyawan YA, editors. Anatomi klinis berdasarkan sistem. 7th ed. Jakarta : EGC; 2011. p. 538-541.
22. Tortora GJ, Derrickson B. The skeletal system: the axial skeleton. In: Roesch B, editor. Principles of anatomy and physiology. 13th ed. USA : John Wiley & Sons, Inc; 2012. p. 233-236.
23. Lateef H, Patel D. What is the role of imaging in acute low back pain?. Curr Rev Musculoskelet Med 2009;2:69–73.

24. Salter RB. Degenerative disorders of joints and related tissues. In : Johnson EP, editor. Textbook of disorders and injuries of the musculoskeletal system. 3rd ed. Pennsylvania : Lippincott Williams & Wilkins; 1999. p. 273-274.
25. Huiges AS, Groenhof F, Winters JC, Wijhe MV, Groenier KH, Meer KVD. Radiating low back pain in general practice: Incidence, prevalence, diagnosis, and long-term clinical course of illness. Scandinavian Journal of Primary Health Care, 2015; 33: 27–32.
26. Thiese MS, Hegmann KT, Wood EM, Garg A, Moore JS, Kapellusch J *et al.* Prevalence of low back pain by anatomic location and intensity in an occupational population. BMC Musculoskeletal Disorders 2014; 15:283.
27. Allegri M, Montella S, Salici F, Valente A, Marchesini M, Compagnone C *et al.* Mechanisms of low back pain: a guide for diagnosis and therapy [version 2; referees: 3 approved]. F1000Research. 2016; 5(F1000 Faculty Rev):1530.
28. Peng BG. Pathophysiology, diagnosis, and treatment of discogenic low back pain. World J Orthop. 2013; 4(2): 42-52.
29. Wong AYL, Karppinen J, Samartzis D. Low back pain in older adults: risk factors, management options and future directions. Scoliosis and Spinal Disorders. 2017;12:14.
30. Universitas Hasanudin. Bahan ajar hernia nukleus pulposus. Available at: [http://med.unhas.ac.id/kedokteran/wp-content/uploads/2016/09/Bahan-Ajar-4\\_Hernia-Nucleus-Pulposus.pdf](http://med.unhas.ac.id/kedokteran/wp-content/uploads/2016/09/Bahan-Ajar-4_Hernia-Nucleus-Pulposus.pdf) - Diakses pada Februari 2018.
31. Leonardi M, Boos N. Disc herniation and radiculopathy. In: Spinal disorders- fundamentals of diagnosis and treatment. 1st ed. Belgia : Springer; 2008. P. 491-493.
32. Gaya LL. Pengaruh aktivitas olahraga, kebiasaan merokok, dan frekuensi duduk statis dengan kejadian low back pain. J Agromed Unila. 2015; 2(2):186-189.
33. Septadina IS, Legiran. Nyeri pinggang dan faktor-faktor risiko yang mempengaruhinya. J Keperawatan Unsri. 2014;1;2-4.
34. Sudoyo AW, Setiyohadi B, Alwi I, Simadibrata M, Setiati S. Nyeri spinal. Dalam : Buku Ajar Ilmu Penyakit Dalam. Edisi 4, jilid 2. Jakarta : Departemen Ilmu Penyakit Dalam FKUI; 2007. p. 1314-1315.

35. Notosiswoyo M, Suswati S. Pemanfaatan *Magnetic Resonance Imaging* (MRI) sebagai sarana diagnosa pasien. Media Litbang Kesehatan. 2004; 14(3):8-13.
36. Wikipedia. Magnetic resonance imaging. Available at : [https://en.m.wikipedia.org/wiki/Magnetic\\_resonance\\_imaging](https://en.m.wikipedia.org/wiki/Magnetic_resonance_imaging) - Diakses pada Februari 2018.
37. Department of Radiology University of Wisconsin School of Medicine and Public Health. MR terminology. Available at: <https://sites.google.com/a/wisc.edu/neuroradiology/image-acquisition/magnetic-resonance-imaging/mr-terminology> - Diakses pada Januari 2018.
38. Apriantoro NH, Christianni. Analisis perbedaan citra MRI *brain* pada SEKUENT1SE dan T1FLAIR. SINERGI. 2015;19(3):206-210.
39. Gaillard F, Ballinger R. MRI pulse sequences. Available at: <https://radiopaedia.org/articles/mri-pulse-sequences-1> - Diakses pada Januari 2018.
40. Radiology Masterclass. MRI interpretation T1 and T2 images it's all about fat and water. Available at: [https://www.radiologymasterclass.co.uk/tutorials/mri/t1\\_and\\_t2\\_images](https://www.radiologymasterclass.co.uk/tutorials/mri/t1_and_t2_images) - Diakses pada Januari 2018.
41. Radiopaedia. Normal lumbar spine MRI. Available at: <https://radiopaedia.org/cases/normal-lumbar-spine-mri-2> - Diakses pada Januari 2018.
42. Last AR, Hulbert K. Chronic low back pain: evaluation and management. Am Fam Physician. 2009;79(12):1067-1074.
43. Koes BW, Tulder MWV, Thomas S. Diagnosis and treatment of low back pain. BMJ. 2006;332:1430–4.
44. Pinzon R. Profil klinis pasien nyeri punggung bawah akibat hernia nukleus pulposus. CDK-198. 2012; 39: 749-751.
45. Endean A. Potential of mri findings to refine case definition for mechanical low back pain in epidemiological studies: a systematic review. Spine (Phila Pa 1976). 2011; 36(2): 160–169.

46. Waris E, Eskelin M, Hermunen H, Kiviluoto O, Paajanen H. Disc degeneration in low back pain a 17-year follow-up study using magnetic resonance imaging. SPINE. 2007; 32(6): 681–684.
47. Kalichman L, Kim DH, Li L, Guermazi A, Valery B *et al*. Spondylolisthesis and spondylolysis: prevalence and association with low back pain in the adult community-based population. Spine (Phila Pa 1976). 2009; 34(2): 199–205.
48. Spine Health. Spondylolysis and spondylolisthesis. Available at : <https://www.spine-health.com/conditions/spondylolisthesis/spondylolysis-and-spondylolisthesis.-> Diakses pada Juli 2018.
49. Sakai T, Sairyo K, Suzue N, Kosaka H, Yasui N. Incidence and etiology of lumbar spondylolysis: review of the literature. J Orthop Sci. 2010;15:281–288.
50. Spine Health. Spondylosis: what it actually means. Available at: <https://www.spine-health.com/conditions/lower-back-pain/spondylosis-what-it-actually-means.-> – Diakses pada Juli 2018.
51. Novitasari DD, Sadeli HA, Soenggono A, Sofiatin Y, Sukandar H *et al*. Prevalence and characteristics of low back pain among productive age population in Jatinangor. Althea Medical Journal. 2016;3(3):469-476.
52. Hoy D, Brooks P, Blyth F, Buchbinder R. The epidemiology of low back pain. Best Practice & Research Clinical Rheumatology 2010;24: 769–781.
53. Purnamasari H, Gunarso U, Rujito L. *Overweight* sebagai faktor risiko *low back pain* pada pasien poli saraf RSUD Prof. Dr. Margono Soekarjo Purwokerto. Mandala of Health. 2010;4(1): 26-32.
54. Surjono E. Diagnosis dan tatalaksana spondilitis TB pada anak. Damianus Journal of Medicine. 2011;10(3):177-186.
55. Haidar R, Ghanem I, Saad S, Uthman I. Lumbar disc herniation in young children. Acta Paediatrica. 2010;99:19-23.
56. Dang L, Liu Z. A review of current treatment for lumbar disc herniation in children and adolescents. Eur Spine J. 2010;19:205-214.
57. Schepper EIT, Damen J, Meurs JBJ, Ginai AZ, Popham M *et al*. The association between lumbar disc degeneration and low back pain the influence of age, gender, and individual radiographic features. SPINE. 2010; 35(5): 531–536.

58. Lailani TM. Hubungan antara peningkatan indeks massa tubuh dengan kejadian nyeri punggung bawah pada pasien rawat jalan di poliklinik saraf RSUD Dr. Soedarso Pontianak (skripsi). Universitas Tanjungpura; 2013.
59. Ko SB, Lee SW. Prevalence of spondylolysis and its relationship with low back pain in selected population. Clinics in Orthopedic Surgery. 2011;3:34-38.
60. Saeidiborojeni HR, Shobeiri E, Saeidiborojeni S. Magnetic resonance imaging findings in low back pain and lower extremity radicular chronic pain. J Inj Violence Res. 2012 Nov; 4(3 Suppl 1): 37.
61. Spine Health. All about the L4-L5 spinal segment. Available at : <https://www.spine-health.com/conditions/spine-anatomy/all-about-l4-l5-spinal-segment> - Diakses pada Mei 2018.

