

## DAFTAR PUSTAKA

1. Islam MdA, Rahman MdN, Goni MdF. Surgical outcome of posterior decompression, posterolateral fusion and stabilization by pedicle screw and rod in thoracolumbar tuberculosis. *Bangabandhu Sheikh Mujib Medical University Journal*. 2017 May 23;10(2):89.
2. Mahadewa TG. Management of Spinal Tuberculosis (TB) in Developing Country. *Bali Med J*. 2016;5(2):129.
3. Rasouli MR, Mirkoohi M, Vaccaro AR, Yarandi KK, Rahimi-Movaghar V. Spinal tuberculosis: Diagnosis and management. *Asian Spine J*. 2012;6(4):294–308.
4. Rahim AH, Ramdan A, Hadar AK, Pardamean AD. Decompression and Posterior Stabilization Spine Tuberculosis Surgical Treatment via Transpedicular Approach : a Retrospective Study. *Global Medical and Health Communication*. 2020;8(38):168–74.
5. Enam SA, Shah AA. Treatment of Spinal Tuberculosis : Role of Surgical Intervention. 2006;1(3).
6. Rajasekaran S, Soundararajan DCR, Shetty AP, Kanna RM. Spinal Tuberculosis: Current Concepts. *Glob Spine J*. 2018;8(4):96–108.
7. Idowu O, Majekodunmi A, Adewole O. Posterior spinal decompression, stabilization and arthrodesis in Nigerian adults: Profile and outcome. *Niger Med J*. 2012;53(1):42.
8. Jain AK. Tuberculosis of the spine: A fresh look at an old disease. *J Bone Jt Surg - Ser B*. 2010;92(7):905–13.
9. Kirshblum SC, Burns SP, Biering-Sorensen F, Donovan W, Graves DE, Jha A, et al. International standards for neurological classification of spinal cord injury (Revised 2011). *J Spinal Cord Med*. 2011;34(6):535–46.
10. van Middendorp JJ, Goss B, Urquhart S, Atresh S, Williams RP, Schuetz M. Diagnosis and Prognosis of Traumatic Spinal Cord Injury. *Glob Spine J*. 2011;1(1):001–7.
11. Monashenko DN, Ivanova NE, Davydov EA, Smulsky M V, Oleinik EA, Ulitin AY. Use of the modified frankel scale in assessing vertebromedullary disorders in emergency service of a multi-speciality hospital. *Med News North Caucasus*. 2019;14(3):489–93.

12. Alam MS, Phan K, Karim R, Jonayed SA, Munir HKM, Chakraborty S, et al. Surgery for spinal tuberculosis: a multi-center experience of 582 cases. *J Spine Surg.* 2015 Dec;1(1):65–71.
13. Oguz E, Sehirlioglu A, Altinmakas M, Ozturk C, Komurcu M, Solakoglu C, et al. A new classification and guide for surgical treatment of spinal tuberculosis. *Int Orthop.* 2008 Feb;32(1):127–33.
14. Tang Y, Wu W jie, Yang S, Wang DG, Zhang Q, Liu X, et al. Surgical treatment of thoracolumbar spinal tuberculosis—a multicentre, retrospective, case-control study. *Journal of Orthopaedic Surgery and Research.* 2019 Dec 23;14(1):233.
15. Liang Q, Wang Q, Sun G, Ma W, Shi J, Jin W, et al. Five-year outcomes of posterior affected-vertebrae fixation in lumbar tuberculosis patients. *J OrthopSurg Res.* 2018 Aug 22;13(1):210.
16. Jeremiah ZA, Leonard I, Ezinma AC. Discordantly Elevated Erythrocyte Sedimentation Rate (ESR) and Depressed C-Reactive Protein (CRP) Values in Early Diagnosis of Pulmonary Tuberculosis Patients in Maiduguri, Nigeria. *Open Journal of Blood Diseases.* 2013;03(02):74–7.
17. Alruwaili A, Umerani M, Darwish A, Mostafa G. Neurological recovery after early decompression for dorsal Pott's spine. *Int J Surg Case Rep.* 2020;66:236–9.
18. Roberts TT, Leonard GR, Cepela DJ. Classifications In Brief: American Spinal Injury Association (ASIA) Impairment Scale. *Clin Orthop Relat Res.* 2017 May;475(5):1499–504.
19. Frankel HL, Hancock DO, Hyslop G, Melzak J, Michaelis LS, Ungar GH, et al. The value of postural reduction in the initial management of closed injuries of the spine with paraplegia and tetraplegia. *Spinal Cord.* 1969 Nov;7(3):179–92.
20. Erdle NJ, Verwiebe EG, Wenke JC, Smith CS. Debridement and irrigation: Evolution and current recommendations. *Journal of Orthopaedic Trauma.* 2016;30(10):S7–10.
21. Wang X, Zhou S, Bian Z, Li M, Jiang W, Hou C, et al. Unilateral percutaneous endoscopic debridement and drainage for lumbar infectious spondylitis. *Journa of*

Orthopaedic Surgery and Research. 2018 Dec 3;13(1)

22. Wang X, Zhou S, Bian Z, Li M, Jiang W, Hou C, et al. Unilateral percutaneous endoscopic debridement and drainage for lumbar infectious spondylitis. *Journal of Orthopaedic Surgery and Research*. 2018 Dec 3;13(1).
23. Tarpada SP, Morris MT, Burton DA. Spinal fusion surgery: A historical perspective. Vol. 14, *Journal of Orthopaedics*. Reed Elsevier India Pvt. Ltd.; 2017.p. 134–6.
24. Spinal Fusion [Internet]. [cited 2022 Jun 7]. Available from: <https://www.iomcworld.org/medical-journals/spinal-fusion-52724.html#>
25. Depreitere B, Ricciardi F, Arts M, Balabaud L, Bunger C, Buchowski JM, et al. How good are the outcomes of instrumented debulking operations for symptomatic spinal metastases and how long do they stand? A subgroup analysis in the global spine tumor study group database. *Acta Neurochirurgica*. 2020 Apr 1;162(4):943–50.
26. Laufer I, Zuckerman SL, Bird JE, Bilsky M, Lazáry Á, Quraishi NA, et al. Predicting neurologic recovery after surgery in patients with deficits secondary to MESCC: systematic review HHS Public Access. *Spine (Phila Pa 1976)*. 1976;41:224–30.
27. Denaro V, di Martino A, Papalia R, Denaro L. Patients with cervical metastasis and neoplastic pachymeningitis are less likely to improve neurologically after surgery. In: *Clinical Orthopaedics and Related Research*. Springer New York LLC; 2011. p. 708–14.
28. Han X, Zhang C, Li L, Ma Y, Wang G. A retrospective evaluation of operative and postoperative outcomes in patients with spinal metastases from a single center to compare vertebrectomy with combined vertebrectomy and radiofrequency ablation. Vol. 27, *Medical Science Monitor*. International Scientific Information, Inc.; 2021
29. Kumar MN, Joseph B, Manur R. Isolated posterior instrumentation for selected cases of thoracolumbar spinal tuberculosis without anterior instrumentation and without anterior or posterior bone grafting. *European Spine Journal*. 2013 Mar;22(3):624–32.
30. Srinivasa Rao V, Sathyanarayana Murthy K. High-sensitivity C-reactive Protein? Is It Significant in Tuberculous Spondylitis. *Int J Sci Study*. 2016;3(12):274–9.
31. Wibowo BF, Manjas M, Sahputra RE, Erkadius E. Hubungan pemeriksaan LED dan CRP pada

- penegakkan diagnosis Spondilitis Tb di RSUP dr. M. Djamil Padang tahun 2014-2016. *Maj Kedokt Andalas*. 2018;41(2):69.
32. Muzaffar T, Shaifuzain A, Imran Y, Haslina M. Hematological changes in tuberculous spondylitis patients at the Hospital Universiti Sains Malaysia. *Southeast Asian J Trop Med Public Health*. 2008;39(4):686–9.
33. Musali S, Gollapudi P, Manne S, Butkuri N, Kumar T, Kotha V. Outcome analysis of posterolateral decompression and spinal stabilization for tuberculous spine. *Asian J Neurosurg*. 2019;14(2):479.
34. Wu W, Li Z, Lin R, Wang S, Lin J. Single-stage posterior-only debridement, decompression and interbody fusion for the treatment of thoracolumbar spinal tuberculosis complicated with psoas abscesses. *BMC Surgery*. 2021 Dec 1;21(1).
35. Babic M. QUESTION 2: When do common blood biomarkers such as C-reactive protein (CRP), erythrocyte sedimentation rate (ESR) or Procalcitonin normalize after spine surgery? *Spine (Phila Pa 1976)*.
36. Kuhn MG, Lenke LG, Bridwell KH, O'Donnell JC, Luhmann SJ. The utility of erythrocyte sedimentation rate values and white blood cell counts after spinal deformity surgery in the early ( $\leq 3$  months) post-operative period. *Journal of Children's Orthopaedics*. 2012 Mar;6(1):61–7.
37. Kumar MN, Joseph B, Manur R. Isolated posterior instrumentation for selected cases of thoracolumbar spinal tuberculosis without anterior instrumentation and without anterior or posterior bone grafting. *European Spine Journal*. 2013 Mar;22(3):624–32.
38. Srinivasa Rao V, Sathyanarayana Murthy K. High-sensitivity C-reactive Protein? Is It Significant in Tuberculous Spondylitis. *Int J Sci Study*. 2016;3(12):274–9.
39. Wibowo BF, Manjas M, Sahputra RE, Erkadius E. Hubungan pemeriksaan LED dan CRP pada penegakkan diagnosis Spondilitis Tb di RSUP dr. M. Djamil Padang tahun 2014-2016. *Maj Kedokt Andalas*. 2018;41(2):69.
40. Muzaffar T, Shaifuzain A, Imran Y, Haslina M. Hematological changes in tuberculous spondylitis patients at the Hospital Universiti Sains Malaysia. *Southeast Asian J Trop Med*



Public Health. 2008;39(4):686–9.

41. Musali S, Gollapudi P, Manne S, Butkuri N, Kumar T, Kotha V. Outcome analysis of posterolateral decompression and spinal stabilization for tuberculous spine. *Asian J Neurosurg*. 2019;14(2):479.
42. Wu W, Li Z, Lin R, Wang S, Lin J. Single-stage posterior-only debridement, decompression and interbody fusion for the treatment of thoracolumbar spinal tuberculosis complicated with psoas abscesses. *BMC Surgery*. 2021 Dec 1;21(1).
43. Babic M. QUESTION 2: When do common blood biomarkers such as C-reactive protein (CRP), erythrocyte sedimentation rate (ESR) or Procalcitonin normalize after spine surgery? *Spine (Phila Pa 1976)*.
44. Kuhn MG, Lenke LG, Bridwell KH, O'Donnell JC, Luhmann SJ. The utility of erythrocyte sedimentation rate values and white blood cell counts after spinal deformity surgery in the early ( $\leq 3$  months) post-operative period. *Journal of Children's Orthopaedics*. 2012 Mar;6(1):61–7.
45. Kumar MN, Joseph B, Manur R. Isolated posterior instrumentation for selected cases of thoracolumbar spinal tuberculosis without anterior instrumentation and without anterior or posterior bone grafting. *European Spine Journal*. 2013 Mar;22(3):624–32.
46. Srinivasa Rao V, Sathyanarayana Murthy K. High-sensitivity C-reactive Protein? Is It Significant in Tuberculous Spondylitis. *Int J Sci Study*. 2016;3(12):274–9.
47. Wibowo BF, Manjas M, Sahputra RE, Erkadius E. Hubungan pemeriksaan LED dan CRP pada penegakkan diagnosis Spondilitis Tb di RSUP dr. M. Djamil Padang tahun 2014-2016. *Maj Kedokt Andalas*. 2018;41(2):69.
48. Muzaffar T, Shaifuzain A, Imran Y, Haslina M. Hematological changes in tuberculous spondylitis patients at the Hospital Universiti Sains Malaysia. *Southeast Asian J Trop Med Public Health*. 2008;39(4):686–9.
49. Musali S, Gollapudi P, Manne S, Butkuri N, Kumar T, Kotha V. Outcome analysis of posterolateral decompression and spinal stabilization for tuberculous spine. *Asian J Neurosurg*. 2019;14(2):479.

50. Wu W, Li Z, Lin R, Wang S, Lin J. Single-stage posterior-only debridement, decompression and interbody fusion for the treatment of thoracolumbar spinal tuberculosis complicated with psoas abscesses. *BMC Surgery*. 2021 Dec 1;21(1).
51. Babic M. QUESTION 2: When do common blood biomarkers such as C-reactive protein (CRP), erythrocyte sedimentation rate (ESR) or Procalcitonin normalize after spine surgery? *Spine (Phila Pa 1976)*.
52. Kuhn MG, Lenke LG, Bridwell KH, O'Donnell JC, Luhmann SJ. The utility of erythrocyte sedimentation rate values and white blood cell counts after spinal deformity surgery in the early ( $\leq 3$  months) post-operative period. *Journal of Children's Orthopaedics*. 2012 Mar;6(1):61–7.
53. Tang M xing, Zhang H qi, Wang Y xiang, Guo C feng, Liu J yang. Treatment of Spinal Tuberculosis by Debridement, Interbody Fusion and Internal Fixation via Posterior Approach Only. *Orthopaedic Surgery*. 2016 Feb 1;8(1):89–93.
54. Chung YG, Won YS, Kwon YJ, Shin HC, Choi CS, Yeom JS. Comparison of serum CRP and procalcitonin in patients after spine surgery. *J Korean Neurosurg Soc*. 2011;49(1):43–8.
55. Kraft CN, Krger T, Westhoff J, Lring C, Weber O, Wirtz DC, et al. CRP and leukocyte-count after lumbar spine surgery: Fusion vs. nucleotomy. *Acta Orthopaedica*. 2011 Aug;82(4):489–93.
56. Kunakornsawat S, Tungsiripat R, Putthiwara D, Piyakulkaew C, Pluemvitayaporn T, Pruttikul P, et al. Postoperative Kinetics of C-Reactive Protein and Erythrocyte Sediment Rate in One-, Two-, and Multilevel Posterior Spinal Decompressions and Instrumentations. *Global Spine Journal*. 2017 Aug 1;7(5):448–51.
57. Khan M, Jamal AB, Hafeez A, et al. Is spinal tuberculosis changing with changing time. *Annals of Medicine and Surgery* 66. 2021. 102421.
58. Trecarichi EM, Meco E, Mazzotta V, et al. Tuberculosis spondylodiscitis: epidemiology, clinical features, treatment, and outcome, *Suppl 2*. 2012; 16: 58- 72.
59. Zeng Hao. Wiltse TTIF approach for the treatment of singlesegment thoracic spinal tuberculosis in the elderly with osteoporosis: a retrospective study of 20 cases. *Research Square*. 2022.

60. Upadhyaya GK, et al. Surgical Management of Paediatric Thoracolumbar Tuberculosis by a Combination of Anterior and Posterior Versus Posterior Only Approach: A Systematic Review and Meta-Analysis. *Global Spine Journal*. 2022;0 (0): 1-9.
61. Sudprasert W, et al. Impact on Neurological Recovery of Transforaminal Debridement and Interbody Fusion versus Transpedicular Decompression in Combination with Pedicle Screw Instrumentation for Treating Thoracic and Lumbar Spinal Tuberculosis. *Asian Spine J* 2016;10(3):543-552









