Bibliography

1. Bourne M, Murphy PB. Anatomy, Bony Pelvis and Lower Limb, Tibia. In: StatPearls [Internet]. Treasure Island (FL): Stat Pearls Publishing; 2019 Jan. Available from: https://www.ncbi.nlm.nih.gov/books/NBK526053/
2. Gray, Henry. Anatomy of the Human Body. Philadelphia: Lea & Febiger, 1918; Bartleby.com, 2000. www.bartleby.com/107/:395-397.
3. Madadi F, Eajazi A, Madadi F, Daftari Besheli L, Sadeghian R, Nasri Lari M. Adult tibial shaft fractures - different patterns, various treatments and complications. Med Sci Monit. 2011;17(11):640-5.
4. Puno RM, Teynor JT, Nagano J et al. Critical analysis of results of treatment of 201 tibia shaft fractures. Clin Orthop Relat Res. 1986; (212):113-21.
5. Cross WW, Swiontkowski MF. Treatment principles in the management of open fractures. Indian J Orthop. 2008;42(4):377-86.
6. Sandhu SS, Sahni G, Brar BS, Kahal KS,Singh G. Comparison of Ilizarov and rail fixator in non-union of long bones. Indian J Orthop. 2018 AprilJune;4(2):109-14.
7. Bandovic I, Holme MR, Futterman B. StatPearls [Internet]. StatPearls Publishing; Treasure Island (FL): Aug 16, 2020. Anatomy, Bone Markings.
8. Puzzitiello RN, Agarwalla A, Zuke WA, Garcia GH, Forsythe B. Imaging Diagnosis of Injury to the Anterolateral Ligament in Patients With Anterior Cruciate Ligaments: Association of Anterolateral Ligament Injury With Other Types of Knee Pathology and Grade of Pivot-Shift Examination: A Systematic Review. Arthroscopy. 2018 Sep;34(9):2728-38.
9. Juneja P, Hubbard JB. StatPearls [Internet]. StatPearls Publishing; Treasure Island (FL): Aug 10, 2020. Anatomy, Bony Pelvis and Lower Limb, Tibialis Anterior Muscles.
10. Hsu H, Siwiec RM. StatPearls [Internet]. StatPearls Publishing; Treasure Island (FL): Jul 31, 2020. Knee Arthroplasty.

11. Nelson GE, Kelly PJ, Peterson LF, Janes JM. Blood supply of the human tibia. J Bone Joint Surg Am. 1960 Jun;42-A:625-36.

12. Guerra-Pinto F, Corte-Real N, Mota Gomes T, Silva MD, Consciencia JG, Monzo M, et al. Rotational instability after anterior talofibular and calcaneofibular ligament section: the experimental basis for the ankle pivot test. J Foot Ankle Surg. 2018 Nov - Dec;57(6):1087-91.

13. Allan TF. Biomechanics of fixation and fracture. 6th ed. In: Rockwood and Green's Fracture in adults, Robert BW, James HD, Brown CCM, eds. Philadelphia: Lippincott Williams and Wilkins 2006;I:14-7.

14. Brown CCM. Fractures of the tibia and fibula. 6th ed. In: Rockwood and Green's Fractures in adults, Robert BW, James HD, Brown CCM, eds. Philadelphia: Lippicott Williams and Wilkins; 2006. 2113-8.

15. Burwell HN. Plate fixation of tibial shaft fractures. A survey of 181 injuries. J Bone Joint Surg Br. 1971;53(2):258-71.

16. Gustilo RB, Anderson JT. Prevention of infection in the treatment of one thousand and twenty-five open fractures of long bones: Retrospective and prospective analyses. J Bone Joint Surg Am. 1976;58:453–8.

17. Gustilo RB, Mendoza RM, Williams DN. Problems in the management of type III (severe) open fractures: A new classification of type III open fractures. J Trauma. 1984;24:742–6.

18. Byrd, H. S., Spicer, T. E., & Cierney, G. Management of Open Tibial Fractures. Plast Reconstruct Surg. 1985;76(5):719–28.

19. Singh P, Singh S K, Gill S P S. Management of Compound fractures of tibia by Limb Reconstruction System (LRS). Journal of Bone and Joint Diseases. Jan-April 2020; 35(1): 29-34.

20. Raschke MJ, Mann JW, Oedekoven G, Claudi BF. Segmental transport after unreamed intramedullary nailing. Preliminary report of a "Monorail" system. Clin Orthop Relat Res. 1992 Sep;(282):233-40.

21. 21.Yongu WT, Isa N. Bone Gap Management Using Linear Rail System (LRS): Initial Observations in a National Orthopaedic Hospital. Niger J Clin Orthop Trauma. 2009;8(2).

22. Wani N, Baba A, Kangoo K, Mir M. Role of early Ilizarov

ring fixator in the definitive management of type II, IIIA and IIIB open tibial shaft fractures. Int Orthop. 2011;35(6):915-923.

23. Lakhani A, Singh D, Sing h R. Outcome of rail fixator system in reconstructing bone gap. Indian J Orthop 2014;48:612-6.

24. Ajmera A, Verma A, Agrawal M, Jain S, Mukherjee A. Outcome of limb reconstruction system in open tibial diaphyseal fractures. Indian J Orthop. 2015;49(4):429-35.

25. Pal CP, Kumar H, Kumar D, Dinkar KS, Mittal V, Singh NK. Comparative study of the results of compound tibial shaft fractures treated by Ilizarov ring fixators and limb reconstruction system fixators. Chin J Traumatol. 2015 Dec 1;18(6):347-51.

26. Rohilla R, Wadhwani J, Devgan A, Singh R, Khanna M. Prospective randomised comparison of ring versus rail fixator in infected gap nonunion of tibia treated with distraction osteogenesis. Bone Joint J. 2016;98B:1399–1405

27. Tekin AÇ, Saygılı MS, Adaş M, Çabuk H, Arslan SM, Dedeoğlu SS. Diaphyseal Fractures Managed with a Limb Reconstruction System: Analysis of a 49-Patient Cohort. Med Princ Pract. 2016; 25:270-275

28. Patil MY, Gupta SM, Kurupati SKC, Agarwal S, Chandarana V. Definitive Management of Open Tibia Fractures Using Limb Reconstruction System. J Clin Diagn Res. 2016;10(7):1-4.

29. Dabkana TM, Nyaku FT, Bukar B. Management of traumatic segmental bone loss using linear rail system, our experience at the University of Maiduguri Teaching Hospital, Maiduguri, Nigeria. Sahel Med J. 2016;19:171-4.

30. Patil NV, Kamble RU, Bellad SH, Pattanshetty V, Bakare SV, Patil A. Comparative study between the unreamed intramedullary nailing and the limb reconstruction system (LRS, Orthofix) in type IIIa open tibial shaft fractures. Int J Orthop Sci. 2016; 2(4):44-7.

31. Nath RG, Shabi AV. Orthofix in management of compound tibia fractures - A prospective study. Int J Orthop. July 2017; 3(1):8-12.

32. Pangavane S, Kapadnis G. Study of Management of Open Type IIIa and Type IIIb Fracture of Tibia by Limb Reconstruction System. MVP Journal of Medical Sciences. 2017; 4(2): 172–175.

33. Mahajan NP, Mangukiya HJ. Extended use of limb reconstruction system in management of compound tibia diaphyseal fracture as primary and definitive tool. Int J Res Orthop. 2017;3:1157-64.

34. Mangukiya HT, Mahajan NP, Pawar ED, Mane A, Manna J. Functional and radiological outcome in management of compound tibia diaphyseal fracture with AO monolateral fixator versus Limb reconstruction system. J Orthop. 2018 Jan 31;15(1):275-281.

35. Sandhu KS, Sahni G, Brar BS, Kahal KS, Singh G et al. Comparison of Ilizarov and rail fixator in nonunion of long bones. Indian J Orthop Surg. April-June, 2018;4(2):109-14.

36. Anand VK, Bhati Aa Kumar R. Management of complex non-union in long bones with Limb Reconstruction System (Rail Fixator) Application. Int J Med Res Prof. 2018 July; 4(4):256-60.

37. Singh AK, Parihar M, Bokhari S. The evaluation of the radiological and functional outcome of distraction osteogenesis in patients with infected gap nonunions of tibia treated by bone transport. Maced J Med Sci. 2019; 1-8.

38. Singh P, Singh SK, Gill SPS. Management of Compound fractures of tibia by Limb Reconstruction System (LRS). JSM Bone and Joint Dis. 2020;35(1): 29-34.

39. Behrens F. External fixation. 3rd ed. In: Manual of internal fixation, Muller ME, Allgower M, Schneider R, Willinegger H, eds. Berlin: Springer-Verlag; 1999.367-8.

40. Colton C, Texhammer R. AO/ASIF instruments and implants. A technical manual.2nd ed. Berlin: Springer-Verlag. 320-52.

41. Leow JM, Clement ND, Tawonsawatruk T, Simpson CJ, Simpson AH. The radiographic union scale in tibial (RUST) fractures: Reliability of the outcome measure at an independent centre. Bone Joint Res. 2016; 5(4):116-21.

42. Johner R, Wruh O. Classfication of tibial shalft fractures and correlation with result after rigid fixation. Clin Orthop. 1983;178:7-25.