

References

1. Bajammal S., Tornetta P., Sanders D., Bhandari M.: Displaced intra-articular calcaneal fractures, *J. Orthop. Trauma*, 19, 2005, p. 360-364.
- 1a. Bartoníček J, Heřt J: *Základy klinické anatomie pohybového aparátu [Outlines of clinical anatomy of musculoskeletal apparatus]*. Praha, Maxdorf 2004.
2. Benirschke S. K., Sangeorzan B. J.: Extensive intra-articular fractures of the foot. Surgical management of calcaneal fractures, *Clin. Orthop.*, 292, 1993, p. 128-134.
3. Benirschke S. K., Kramer P. A.: Wound healing complications in closed and open calcaneus fractures, *J. Orthop. Trauma*, 18, 2004, p. 1-6.
4. Böhler L.: Diagnoses, pathology and treatment of fractures of the os calcis, *J. Bone Joint Surg.*, 1931, 13, p. 75-89.
5. Bonuti, P. M., Bell G. R.: Compartment syndrom of the foot, a case report, *J. Bone Joint Surg.*, 1986, 68-A, p. 1449.
6. Borovanský L., Hromada J., Kos J. et al.: *Soustavná anatomie člověka I*, Avicenum Praha, 1976, 590 p.
7. Borrelli J., Lashgari C.: Vascularity of the lateral calcaneal flap. a cadaveric injection study, *J. Orthop. Trauma*, 13, 1999, p. 73-77.
8. Buckley R.: Letters to the Editor, *J. Orthop. Trauma*, 16, 2002, p. 210-211.
9. Buckley R., Tough S., McCornack R., et al: Operative compared with non-operative treatment of displaced intra-articular calcaneal fractures, a prospective, randomized, multicenter trial, *J. Bone Joint Surg. Am.*, 2002 84-A, p. 1733-1744.
10. Burdeaux B. D., Jr.: Reduction of Calcaneal Fractures by the McReynolds Medial Approach Technique and its Experimental Basis, *Clin. Orthop.*, 177, 1983, p. 83-103.
11. Burdeaux, B. D. Jr.: The medial Approach for Calcaneal Fractures, *Clin. Orthop.*, 290, 1993, p. 96-107.
12. Cotton F. J.: Fractures of the os calcis, *Boston Med. Surg. J.*, 18, 1908, p. 559-565.
13. Coughlin M. J., Mann R. A., Saltzman Ch. L.: *Surgery foot and ankle*, eighth edition, Mosby Elsevier, 2007, p. 2017-2073.
14. Crosby I. A., Fitzgibbons T. C.: Computerized tomography scanning of acute intra-articular fractures of the calcaneus, *J. Bone Joint Surg. Am* 72, 1990, p. 852-859.
15. Dungal, P.: *Ortopedie a traumatologie nohy*, 1, . Praha, Avicenum, 1989, p. 285.
16. Eastwood, D. M., Gregg P. J., Atkins R. M.: Intra-articular fractures of the calcaneum, Part II , Open reduction and internal fixation by the extended lateral transcalscal approach, *J. Bone and Joint Surg.*, 1993, 75-B2, p. 189-195.
17. Essex-Lopresti P.: The mechanism, reduction technique, and results in fractures of the os calcis, 1952, *Br. J. Surg*, 39, p. 395-419.
18. Folk J. W., Starr A. J., Early J. S.: Early wound complications of operative treatment of calcaneus fractures Analysis of 190 fractures, *J. Orthop Trauma*, 13, 1999, p. 369-372.
19. Forgon M, Zadavecč G. *Die Kalkaneusfraktur*, Springer-Verlag, Berlin, 1990, p. 1-104.
20. Gavlik J. M., Rammelt S., Zwipp H.: Percutaneous, arthroscopically-assisted osteosynthesis of calcaneus fractures, *Arch. Orthop. Trauma Surg.* 122(8), 2002, p. 424- 428.
21. Geerling J., Kendoff D., Citak M.: Intraoperative 3D imaging in calcaneal fracture care-clinical implications and decision making, *J. Trauma*, 2009, 66/3, p. 768-773.
22. Goff C., W.: Fresh fracture of the os calcis, *Arch Surg.* 36, 1938, p. 744-765.
23. Gustilo R. B, Anderson J. T.: 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, p. 453-458.
24. Inman, VT.: *The Joints of the Ankle*, Baltimore, MD: Williams and Wilkins; 1976.
25. Judet R., Judet J., Lagrange J.: Traitement des fractures du calcaneum comportant une disjuction astralo-calcaneenne, *Med. Acad. Chir.*, 1954, 80, p. 158-160.
26. Heger T., Šimko P., Popelka V.: Ako správne ošetrovať zlomeniny pätovej kosti, *Lek. Obz.*, 56, 2007, 7-8, p. 331-337.
27. Leriche R.: Traitement chirurgical des fractures du calcaneum, *Bull Mem Soc Nat Chir*, 1929, 55, p. 8-9.
28. Levin L. S., Nunley J. A.: The management of soft-tissue problems associated with calcaneus fractures, *Clin., Orthop Relat Res.* 290, 1993, p. 151-160.
29. Kitaoka H. B., Alexander I. J., Adalaar. R. S. at. al: Clinical racing system for the ankle, hindfoot, midfoot, hallux and leaser toes, *Foot ankle Int.*, 1994, 15, p. 349-353.
30. Kienast B., Gille J.: Early Weight Bearing of Calcaneal Fractures Treated by Intraoperative 3D-Fluoroscopy and Locked-Screw Plate Fixation, *Open Orthop J.* 2009; 3: p. 69-74.
31. Koski A., Kuokkanen H., Tukiainen: Postoperative wound complications after internal fixation of closed calcaneal fractures a retrospective analysis of 126 consecutive patients with 148 fractures, *Scandinavian Journal of Surgery*, 94, 2005, p. 243-245.
32. Kikuchi C, Charlton T. P., Thordarson D. B.: Limited sinus tarsi approach for intra-articular calcaneus fractures, *Foot and Ankle Int.*, 2013, 34/12, p. 1689-1694.

33. Kline A. P., Anderson R. B., Davis W. H at al: Minimally invasive technique versus an extensile lateral approach for intra-articular calcaneal fractures, *Foot Ankle Int.*, 34, 6, 2013, p. 773-780.
34. Leriche R.: Osteosynthese pour fracture par ecrasement du calcaneum a sept fragments. *Lyon Chir.*, 1922, p. 519:559.
35. Longino D., Buckley R. E.: Bone graft in the operative treatment of displaced intraarticular calcaneal fractures: Is It Helpful? *J. Orthop Trauma*, 15, 2001, p. 280-286.
36. Manter, JT.: Movements of the subtalar and transverse tarsal joints, *Anat Rec.* 1941, 80, p. 397-410.
37. Matejiček J., Pilnaček J, Rubin M.: Postoperative treatment of extremities when applying external fixation, *Acta chirurgiae orthopaedicae et traumatologiae čechoslovaca*, 1982, 49, 5, p. 436-440.
38. Mc Reynolds, I. S.: Trauma to the Os Calcis and Heel Cord, In: *Disorders of the Foot and Ankle*, 2, 1982, p. 1497-1538.
39. Mc Reynolds: Open reduction and internal fixation of calcaneal fractures, *J. Bone Joint Surg. Br.*, 54, 1972, p. 176-177.
40. Meyer, H.: Zweiter Beitrag zur Mechanik des menschlichen Knochengerüstes. *Arch Anat Physiol wissensch Med.* 1853; p. 365.
41. Morestin H.: quoted by Schwartz, MA., *Bull Soc. Nat. Chir.*, 1929, 55, p. 148.
42. Myerson M. S., Quill G. E. jr.: Late complication of fractures of the calcaneus, *J. Bone Joint Surg.*, 1993, 73, 3, p 331-341.
43. Myerson M. S., Manoli A.: Compartment syndromes of the foot after calcaneal fractures, *Clin. Orthop.*, 1993, 290, p. 142-150.
44. Murray G. : Compression fractures of the os calcis, *Canad M a J*, 1940, 42, p. 422-424.
45. Nosewicz T, Knupp M., Barg A.: Mini-open sinus tarsi approach with percutaneous screw fixation of displaced calcaneal fractures: a prospective computed tomography-based study, *Foot Ankle Int.*, 2012, 33, 11, p. 925-933.
46. Omoto H., Sakurada K., Sugi M.: a new method of manual reduction for intraarticular fracture of calcaneus, *Clin Orthop*, 1983, 177, p. 104-111.
47. Paley D., Fischgrund J.: Open reduction and circular external fixation of intraarticular calcaneal fractures, *Clin. Orthop. Relat Res*, 1993, 5(290), p. 125-31.
48. Palmer I.: The mechanism and treatment of fractures of the calcaneus. Open reduction with the use cancellous grafts. *J. Bone Joint Surg (Am)* 1948, 30, p. 2-8.
49. Pape H. C., Paffrath T., Regel G.: Primary Intramedullary femur fixation in multiple trauma patients with associated lung contusion – a cause of posttraumatic ARDS, *J Trauma* 34 (4), 1993, p. 540-548.
50. Pape H. C., Giannoudis P., Krettek C.: The timing of fracture treatment in polytrauma patients: relevance of damage control orthopaedics surgery. *Am J Surg* 2002; 183, p. 622-629.
51. Parmar H. V., Triffitt P. D, Gregg P. J.: Intra-articular fractures of the calcaneum treated operatively or conservatively. Prospective study, *J. Bone Joint Surg Br.*, 75, 1993, p. 932-937.
52. Popelka, V., Šimko, P.: Operační léčba intraartikulárných zlomenín päťovej kosti, *Acta chirurgiae orthopaedicae et traumatologiae čechoslovaca*, 78, 2011, p. 106-113.
53. Popelka, V., Zamborský, P., Dečo, P., Šimko, P.: ORIF u dislokovaných intraartikulárných zlomenín kalkanea, 2 – praktická časť, *Úrazová chirurgie*, 20, 2012, p. 21-28.
54. Rammelt S., Amlang M., Barthel S. at. al.: Minimally – invasive treatment of calcaneal fractures, *Injury Int. J. Care injured*, 35, 2004, p. 55-63.
55. Rammelt S., Amlang M., Barthel et. al.: Percutaneous treatment of less severe intraarticular calcaneal fractures, *Clin Orthop Relat Res* 468, p. 983-990.
56. Ricci W. M., Bellabarba C., Sanders R.: Transcalcaneal talonavicular dislocation, *J. Bone Joint Surg. Am.*, 84, 2002, p. 557-561.
57. Rosenfeld P.: Percutaneous arthroscopic calcaneal osteosynthesis method enhances pinning, *Orthopedics Today*, 2012.
58. Rübberdt A., Feil R., Stengel D.: The clinical use of the ISO-C(3D) imaging system in calcaneus fracture surgery, *Unfallchirurg*, 109/2, 2006, p. 112-118.
59. Sanders R., Fortin P., Di Pasquale A.: Operative treatment in 120 displaced intra-articular calcaneal fractures, Result using a prognostic computed tomographic scan clasification, *Clin. Orthop.*, 290, 1993, p. 87-95.
60. Segal D., Marsh J. I., Leiter B.: Clinical application of computerized axial tomography (CAT) scanning in calcaneus fractures, *Clin Orthop. Relat Res* 199, 1985, p. 114-123.
61. Schepers T.: Percutaneous treatment of displaced intra-articular calcaneal fractures, *J Orthop Sci.*, 2006, p. 22-27.
62. Schepers T.: The sinus tarsi approach in displaced intra-articular calcaneal fractures: a systematic review, *Int. Orthop.*, 2011, 35(5), p. 697-703.
63. Siebert C. H, Hansen M., Wolter D.: Follow up evaluation of open intraarticular fractures of the calcaneus, *Arch. Orthop. Trauma Surgery*, 117, 1998, p. 442-447.
64. Sivakumar B. S., Wong P., Dick C. G. at al.: Arthroscopic reduction and percutaneous fixation of selected calcaneus fractures: surgical technique and early results, *J. Orthop. Trauma*, 2014, 28, 10, p. 569-576.
65. Smith J. W: The ligamentous structures in the canalis and sinus tarsi, *J. Anat.*, 1958, 92, p. 616.
66. Soeur R., Remy R.: Fractures of the calcaneus with displacement of the thalamic portion, *J. Bone Joint Surg.*, 1975, 57-B, p. 413-421.
67. Stehlík J., Štulík J.: Zlomeniny patní kosti, *Galén*, 2005, p. 11-16.

68. Stephenson J. R.: Treatment of displaced intra-articular fractures of the calcaneus using medial and lateral approaches, internal fixation, and early motion, *J. Bone Joint Surg. Am.*, 1987, 69, 1, p. 115-130.
69. Thomas P. J.: Placement of screws in subtalar arthrodesis, a simplified technique, *Foot Ankle Int*, 1998, 19, p. 416-417.
70. Thordarson, D. B., Krieger, L. E.: Operative Versus Nonoperative Treatment of Intraarticular Fractures of the Calcaneus, *Prospective Randomized Triad, Foot and Ankle Int.*, 1996, 17, p. 2-9.
71. Thoren O: Experimental os calcis fractures on autopsy specimens, *Acta chir. Scand (Suppl)* 1964, 70, p. 11.
72. Tornetta P.: Percutaneous treatment of calcaneal fractures, *Clin Orthop Relat Res*, 375, p. 91-96.
73. Tscherne H., Regel G.: *Unfallchirurgie: Trauma Management*. Springer, Berlin, Heidelberg, New York, Tokio 1997, p. 291.
74. Van Stockum: Operative Behandlung der Calcaneus- und Talusfraktur, *Zentralbl Chir.* 39, 1912, p. 1438.
75. Watson-Jones R.: *Fractures and Joint Injuries*, 3rd ed. Edinburgh, Livingstone, 1946, p. 806-821.
76. Westhues H.: Eine neue Behandlungsmethode der Calcaneusfrakturen. *Arch. Orthop. Unfallchir.* 35, 1934, p. 121.
77. Woon C, Y, Chong K. W, Eng-Meng Yeo: Subtalar arthroscopy and flurosocopy in percutaneous fixation of intra-articular calcaneal fractures: the best of both worlds, *J. Trauma*, 2011, 71, 4, p. 917-925.
78. Wondrák E.: *Zlomeniny kostí patní*, Praha: SZdN, 1964, 111 p.
79. Zadavec G, Szekeres P.: Late results of our treatment method in calcaneus fractures. *Aktuelle Traumatol*, 14, 1984, p. 218-26.
80. Zwipp H., Rammelt S., Barthel S.: Calcaneus fractures- open reduction and internal fixation (ORIF), *Injury Int. J. Care injured*, 35, 2004, p. 46-54.
81. Zwipp H., Tscherne H, Wulker N.: Osteosynthese Dislozierter Intraartikularer Calcaneusfrakturen, *Unfallchirurg* 91, 1988, p. 507-515.
82. Zwipp H., Tscherne H., Wulkmer N. at al: Der intraartikuläre Fersenbeinbruch, Klassifikation, Bewertung und OP-Taktik, *Unfallchirurg* 92, 1989, p. 117-129.
83. Zwipp H., Baumgart F., Cronier P., Jorda E. at al.: Integral classification of injuries (ICI) to the bones, joints, and ligaments-application to injuries of the foot, *Injury Int, J. Care Injured*, 2004, 35, p. 83-89.