

# Primary Care

## Traitement conservateur des fractures – aperçu pour l'ambulatoire

### Références

- 1 Olerud P, Ahrengart L, Ponzer S, Saving J, Tidermark J. Internal fixation versus nonoperative treatment of displaced 3-part proximal humeral fractures in elderly patients: a randomized controlled trial. *J Shoulder Elbow Surg.* 2011; 20(5):747–55.
- 2 Fjalestad T, Hole MØ, Hovden IA, Blücher J, Strømsøe K. Surgical treatment with an angular stable plate for complex displaced proximal humeral fractures in elderly patients: a randomized controlled trial. *J Orthop Trauma.* 2012;26:98–106.
- 3 Neal C, Chen, Jesse B, Jupiter. Management of Distal Radial Fractures. *J Bone Joint Surg Am.* 2007; 89:2051–62.
- 4 Court-Brown CM, Caesar B. Epidemiology of adult fractures: A review. *Injury.* 2006;37(8):691–7.
- 5 Horak J, Nilsson BE. Epidemiology of fracture of the upper end of the humerus. *Clin Orthop Relat Res.* 1975;250–3.
- 6 Neer CS. Displaced proximal humeral fractures. I. Classification and evaluation. *J Bone Joint Surg Am.* 1970;52:1077–89.
- 7 Court-Brown CM, Garg A, McQueen MM. The translated two-part fracture of the proximal humerus: Epidemiology and Outcome in the older Patient. *J Bone Joint Surg Br.* 2001;83-B:799–804.
- 8 Resch H. Proximal humeral fractures: current controversies. *J Shoulder Elbow Surg.* 2011;20:827–32.
- 9 Clifford PC. Fractures of the neck of the humerus: A review of the late results. *Injury.* 1980;12:91–5.
- 10 Stableforth PG. Four-part fractures of the neck of the humerus. *J Bone Joint Surg Br.* 1984;66:104–8.
- 11 Poeze M, Lenssen AF, Van Empel JM, Verbruggen JP. Conservative management of proximal humeral fractures: Can poor functional outcome be related to standard transscapular radiographic evaluation? *J Shoulder Elbow Surg.* 2010;19:273–281.
- 12 Iyengar JJ, Devcic Z, Sproul RC, Feeley BT. Nonoperative Treatment of Proximal Humerus Fractures: A Systematic Review. *J Orthop Trauma.* 2011;25:612–7.
- 13 Hanson B, Neidenbach P, de Boer P, Stengel D. Functional outcomes after nonoperative management of fractures of the proximal humerus. *J Shoulder Elbow Surg.* 2009;18:612–21.
- 14 Court-Brown CM, McQueen MM. Nonunions of the Proximal Humerus: Their Prevalence and Functional Outcome. *J Trauma.* 2008;64:1517–21.
- 15 Gaebler C, McQueen MM, Court-Brown CM. Minimally displaced proximal humeral fractures: epidemiology and outcome in 507 cases. *Acta Orthop Scand.* 2003;74:580–5.
- 16 Platzer P, Thalhammer G, Oberleitner G, Kutscha-Lissberg F, et al. Displaced Fractures of the Greater Tuberosity: A Comparison of Operative and Nonoperative Treatment. *J Trauma.* 2008;65:843–8.
- 17 Platzer P, Kutscha-Lissberg F, Lehr S, et al. The influence of displacement on shoulder function in patients with minimally displaced fractures of the greater tuberosity. *Injury.* 2005;36:1185–9.
- 18 Park TS, Choi IY, Kim YH, et al. A new suggestion for the treatment of minimally displaced fractures of the greater tuberosity of the proximal humerus. *Bull Hosp Joint Dis.* 1997;56:171–6.
- 19 Olerud P, Ahrengart L, Söderqvist A, Saving J, Tidermark J. Quality of life and functional outcome after a 2-part proximal humeral fracture: a prospective cohort study on 50 patients treated with a locking plate. *J Shoulder Elbow Surg.* 2010;19(6):814–22.
- 20 Robinson CM. Fractures of the clavicle in the adult. Epidemiology and classification. *J Bone Joint Surg Br.* 1998;80:476–84.
- 21 Postacchini F, Gumina S, De Santis P, et al. Epidemiology of clavicle fractures. *J Shoulder Elbow Surg.* 2002;11:452–6.
- 22 Allman FL, Jr. Fractures and ligamentous injuries of the clavicle and its articulation. *J Bone Joint Surg Am.* 1967;49:774–84.
- 23 Neer CS, 2<sup>nd</sup>. Nonunion of the clavicle. *J Am Med Assoc.* 1960;172:1006–11.
- 24 Constant CR, Murley AHG. A clinical method of functional assessment of the shoulder. *Clin Orthop Relat Res.* 1987;160–4
- 25 Virtanen KJ, Remes V, Pajarinen J, et al. Sling Compared with Plate Osteosynthesis for Treatment of Displaced Midshaft Clavicular Fractures – A Randomized Clinical Trial. *J Bone Joint Surg Am.* 2012;94:1546–53.
- 26 Thormodsgard TM, Stone K, Ciraulo KL, et al. An Assessment of Patient Satisfaction With Nonoperative Management of Clavicular Fractures Using the Disabilities of the Arm, Shoulder and Hand Outcome Measure. *J Trauma.* 2011;71:1126–9.
- 27 Canadian Orthopaedic Trauma Society. Nonoperative treatment compared with plate fixation of displaced midshaft clavicular fractures. A multicenter, randomized clinical trial. *J Bone Joint Surg Am.* 2007;89:1–10.
- 28 McKee RC, Whelan DB, Schemitsch EH, et al. Operative Versus Nonoperative Care of Displaced Midshaft Clavicular Fractures: A Meta-Analysis of Randomized Clinical Trials. *J Bone Joint Surg Am.* 2012;94:675–84.
- 29 Barrett JA, Baron JA, Karagas MR, Beach ML. Fracture risk in the U.S. Medicare population. *J Clin Epidemiol.* 1999;52:243–9.
- 30 Rowe JW, Kahn RL. Successful aging. New York: Pantheon Books. 1998.
- 31 Chen NC, Jupiter JB. Management of Distal Radial Fractures. *J Bone Joint Surg Am.* 2007;89:2051–62.
- 32 McQueen M, Caspers J. Colles fracture: does the anatomical result affect the final function? *J Bone Joint Surg Br.* 1988;70:649–51.
- 33 Frykman GK. Fractures of the distal radius including sequelae-shoulder-hand-finger syndrome, disturbance in the distal radio-ulnar joint and impairment of nerve function. *Acta Orthop Scand.* 1967;Suppl 108:7–153.
- 34 Melone CP. Distal radius fractures: Patterns of articular fragmentation. *Orthop Clin N Am.* 1993;24(2):239–53

- 35 Fernandez DL. Fractures of the distal radius: operative treatment. Instr Course Lect. 1993;42:73–88.
- 36 Müller ME, Nazarian S, Koch P, et al. The Comprehensive Classification of Long Bones. Berlin Heidelberg New York: Springer Verlag. 1990.
- 37 Siebert HR, Klonz A. Distale Radiusfraktur. Unfallchirurg. 2005;108:135–53.
- 38 Acklin YP, Sommer C. Die häufigsten Frakturen in der Hausarztpraxis: Operationsindikationen und moderne Operationstechniken. Praxis.2009;98:1437–44.
- 39 Jupiter JB. Complex articular fractures of die distal radius: classification and management. J Am Acad Orthop Surg. 1997;5(3):119–29.
- 40 Lafontain M, Hardy D, Delince P. Stability assesment of distal radius fractures. Injury. 1989;20:208–10.
- 41 McQueen MM, MacLaren A, Chalmers J. The value of remanipulating Colles' fractures. J Bone Joint Surg Br. 1986;68:232–3.
- 42 Grafstein E, Stenstrom R, Christenson J, et al. A prospective randomized controlled trial comparing circumferential casting and splinting in displaced Colles fractures. CJEM. 2010;12:192–200.
- 43 Arora R, Martin L, Demi Ch, et al. A Prospective Randomized Trial Comparing Nonoperative Treatment with Volar Locking Plate Fixation for Displaced and Unstable Distal Radial Fractures in Patients Sixty-five Years of Age and Older. J Bone Joint Surg Am. 2011;93:2146–53.
- 44 Egol KA, Walsh M, Romo-Cardoso S, et al. Distal Radial Fractures in the Elderly: Operative Compared with Nonoperative Treatment. J Bone Joint Surg Am. 2010;92:1851–7.
- 45 Young CF, Nanu AM, Checketts RG. Seven-year outcome following Colles' type distal radial fracture. A comparison of two treatment methods. J Hand Surg Br. 2003;28:422–6.
- 46 Knirk JL, Jupiter JB. Intra-articular fractures of the distal end of the radius in young adults. J Bone Joint Surg Am. 1986;68:647–59.
- 47 Karnezis IA, Panagiotopoulos E, Tyllianakis M, et al. Correlation between radiological parameters and patient-rated wrist dysfunction following fractures of the distal radius. Injury. 2005;36:1435–9.
- 48 Villar RN, Marsh D, Rushton N, et al. Three years after Colles' fracture. A prospective review. J Bone Joint Surg Br. 1987;69:635–8.
- 49 Porter M, Stockley I. Fractures of the distal radius. Intermediate and end results in relation to radiologic parameters. Clin Orthop Relat Res. 1987;220:241–52.
- 50 Rozental TD, Beredjiklian PK, Bozentka DJ. Functional outcome and complications following two types of dorsal plating for unstable fractures of the distal part of the radius. J Bone Joint Surg Am. 2003;85:1956–60.
- 51 Jupiter JB, Ring D, Weitzel PP. Surgical treatment of redisplaced fractures of the distal radius in patients older than 60 years. J Hand Surg Am. 2002;27:714–23.
- 52 Bernstein ML, Chung KC. Hand fractures and their management: An international view. Injury, Int. J. Care Injured. 2006;37:1043–8.
- 53 Chung KC, Spilson SV. The frequency and epidemiology of hand and forearm fractures in the United States. J Hand Surg Am. 2001;26(5):908.
- 54 Windolf J, Rueger JM, Werber KD, et al. Treatment of metacarpal fractures. Recommendations of the Hand Surgery Group of the German Trauma Society. Unfallchirurg. 2009;112(6):577–88.
- 55 Prokop A, Kulus S, Helling HJ, et al. Are there guidelines for treatment of metacarpal fractures? Personal results and literature analysis of the last 12 years. Unfallchirurg. 1999;102(1):50–8.
- 56 Ono S, Chung KC, Butler CE, Duda RB. Overview of finger, hand, and wrist fractures Uptodate. 2012.
- 57 Fracture and Dislocation Classification Compendium. Orthopaedic Trauma Association Classification, Database and Outcomes Committee. J Orthop Trauma. 2007;21(suppl):1–163.
- 58 Richter J, Schulze W, Muhr G. Stable ankle joint fractures. Indication for surgical or conservative management? Orthopaede. 1999;28(6):493–9.
- 59 Lauge-Hansen N. Fractures of the ankle IV. Clinical use of genetic roentgen diagnosis and genetic reduction. Arch Surg. 1952;64:488–500.
- 60 Van Laarhoven CJHM. Fractures of the ankle joint. Retrospective and prospective studies on the (long-term) results of protocolled treatment. Dissertation. Utrecht, The Netherlands. 1994.
- 61 Weber M, Burmeister H, Flueckiger G, Krause FG. The use of weightbearing radiographs to assess the stability of supination-external rotation fractures of the ankle. Arch Orthop Trauma Surg. 2010;130(5):693–8.
- 62 Kristensen KD, Hansen T. Closed treatment of ankle fractures: stage II supination-eversion fractures followed for 20 years. Acta Orthop Scand. 1985;56:107–9.
- 63 DeAngelis NA, Eskander MS, French BG. Does medial tenderness predict deep deltoid ligament incompetence in supination-external rotation type ankle fractures? J Orthop Trauma. 2007;21:244–7.
- 64 Egol KA, Amirtharajah M, Tejwani NC, Capla EL, Koval KJ. Ankle stress test for predicting the need for surgical fixation of isolated fibular fractures. J Bone Joint Surg Am. 2004;86(11):2393–8.
- 65 Schock HJ, Pinzur M, Manion L, Stover M. The use of gravity or manual-stress radiographs in the assessment of supination- external rotation fractures of the ankle. J Bone Joint Surg Br.2007;89(8):1055–9.
- 66 Donken CH, Verhofstad M, Edwards MJ, et al. Twenty-one-Year Follow-up of Supination-External Rotation Type II–IV (OTA Type B) Ankle Fractures: A Retrospective Cohort Study. J Orthop Trauma. 2012;26:108–14.
- 67 Easley M, Trnka H, Schon L, Myerson M. Isolated subtalar arthrodesis. J Bone Joint Surg Am. 2000;82(5):613–24.
- 68 Rammelt S, Grass R, Zwipp H. Ankle fractures. Unfallchirurg. 2008;111(6):421–37.
- 69 Beck M, Mittlmeier T. Metatarsal Fractures Unfallchirurg. 2008;111:829–840.
- 70 Zwipp H. Metatarsale-Frakturen. Chirurgie des Fußes. Springer, Berlin, Wien, New York. 1994;S.161–6.
- 71 Shereff MJ. Fractures of the forefoot. Instr Course Lect. 1990;39:133–40.
- 72 Herrera-Soto JA, Scherb M, Duffy M, et al. Fractures of the fifth metatarsal in children and adolescents. J Pediatr Orthop.2007;27:427–31.
- 73 Strayer SM, Reece SG, Pettrizzi MJ. Fractures of the proximal fifth metatarsal. Am Fam Physician. 1999;59:2516–22.

- 74 Van Aaken J, Berli MC, Noger M, et al. Symptomatic treatment of non-displaced avulsion and Jones fractures of the fifth metatarsal: a prospective study. Rev Med Suisse. 2007;3:1792–4.
- 75 Rammelt S, Heineck J, Zwipp H. Metatarsal fractures. Injury. 2004;35(Suppl 2):77–86.
- 76 Cusi M, Tsung J, Nouh F, et al. Drummer's fracture of the third metatarsal bone. Clin Nucl Med. 2007;32:737–8.
- 77 Gehrmann RM, Renard RL. Current concepts review: stress fractures of the foot. Foot Ankle Int. 2006;27:750–7.
- 78 Quill GE. Fracture of the proximal fifth metatarsal. Orthop Clin North Am. 1995;26:353–61.