

Digit Dislocations

[Leggit JC, Meko CJ. Acute finger injuries: part II. Fractures, dislocations, and thumb injuries. Am Fam Physician 2006; 73:827.](#) [Panchal AP, Bamberger HB. Dorsal dislocation of the distal interphalangeal joint and volar dislocation of the metacarpophalangeal joint in the same finger: a case report. Hand \(N Y\) 2010; 5:200.](#) [Brand PW, Cranor KC, Ellis JC. Tendon and pulleys at the metacarpophalangeal joint of a finger. J Bone Joint Surg Am 1975; 57:779.](#) Moore KL, Dalley AF. Clinically Oriented Anatomy, 5th, Lippincott Williams & Wilkins, Philadelphia 2005. p.705. [Sorene ED, Regev G. Complex dislocation with double sesamoid entrapment of the interphalangeal joint of the hallux. J Foot Ankle Surg 2006; 45:413.](#) [Mittlmeier T, Haar P. Sesamoid and toe fractures. Injury 2004; 35 Suppl 2:SB87.](#) [Peimer CA, Sullivan DJ, Wild DR. Palmar dislocation of the proximal interphalangeal joint. J Hand Surg Am 1984; 9A:39.](#) [Spinner M, Choi BY. Anterior dislocation of the proximal interphalangeal joint. A cause of rupture of the central slip of the extensor mechanism. J Bone Joint Surg Am 1970; 52:1329.](#) Kozin SH, Waters PM. Fractures and dislocations of the hand and carpus in children. In: Fractures in Children, 7th, Beaty JH, Kasser JR (Eds), Lippincott Williams & Wilkins, Philadelphia 2010. p.225. [Jahss MH. Traumatic dislocations of the first metatarsophalangeal joint. Foot Ankle 1980; 1:15.](#) [Stern PJ, Lee AF. Open dorsal dislocations of the proximal interphalangeal joint. J Hand Surg Am 1985; 10:364.](#) [Glickel SZ, Barron OA. Proximal interphalangeal joint fracture dislocations. Hand Clin 2000; 16:333.](#) [McCue FC, Honner R, Johnson MC, Gieck JH. Athletic injuries of the proximal interphalangeal joint requiring surgical treatment. J Bone Joint Surg Am 1970; 52:937.](#) [Benson LS, Bailie DS. Proximal interphalangeal joint injuries of the hand. Part II: Treatment and complications. Am J Orthop \(Belle Mead NJ\) 1996; 25:527.](#) [Su, JK, Difiori, J. Jammed Finger. Med Sci Sports Exerc 2006; 38:S147.](#) [Hossfeld GE, Uehara DT. Acute joint injuries of the hand. Emerg Med Clin North Am 1993; 11:781.](#) Johnson FC, Okada PJ. Reduction of common joint dislocations and subluxations. In: Textbook of Pediatric Emergency Procedures, 2nd, King C, Henretig FM (Eds), Lippincott Williams & Wilkins, Philadelphia 2008. p.963. [Tan RES, Cheah AEJ. Injuries Around the Proximal Interphalangeal Joint. Clin Plast Surg 2019; 46:437.](#) Uehara DT. Injuries of the hand and wrist. In: Pediatric Emergency Medicine: A Comprehensive Study Guide, 2nd, Strange GR, Ahrens WR, Lelyveld S, Shafemeyer RW (Eds), McGraw-Hill, New York 2002. p.147. Muelleman RL, Wadman MC. Injuries to the hand and digits. In: Emergency Medicine: A Comprehensive Study Guide, 6th, Tintinalli JE, Kelen GD, Stapczynski JS (Eds), McGraw-Hill, New York 2004. p.1666. [Ostrowski DM, Neimkin RJ. Irreducible palmar dislocation of the proximal interphalangeal joint. A case report. Orthopedics 1985; 8:84.](#) [Itadera E. Irreducible palmar dislocation of the proximal interphalangeal joint caused by a fracture fragment: a case report. J Orthop Sci 2003; 8:872.](#) Simon RR, Sherman SC, Koenigsnecht SJ. Hand. In: Emergency Orthopedics: The Extremities, 5th, McGraw-Hill, New York 2007. p.123. [Vicar AJ. Proximal interphalangeal joint dislocations without fractures. Hand Clin 1988; 4:5.](#)

Patellar Dislocations

Moore KL, Dalley AF, Agur AMR. Lower Limb. In: Clinically Oriented Anatomy, 6th edition, Wolters Kluwer | Lippincott Williams & Wilkins, Philadelphia 2010. p.636. Kocher MS. Intra-

articular injuries of the knee. In: Rockwood And Wilkins' Fractures In Children, 7th edition, Beaty JH, Kasser JR (Eds), Wolters Kluwer | Lippincott, Williams & Wilkins, Philadelphia 2010. p.900. [Desio SM, Burks RT, Bachus KN. Soft tissue restraints to lateral patellar translation in the human knee. Am J Sports Med 1998; 26:59.](#) [Amis AA, Firer P, Mountney J, et al. Anatomy and biomechanics of the medial patellofemoral ligament. Knee 2003; 10:215.](#) [Beasley LS, Vidal AF. Traumatic patellar dislocation in children and adolescents: treatment update and literature review. Curr Opin Pediatr 2004; 16:29.](#) [Askenberger M, Arendt EA, Ekström W, et al. Medial Patellofemoral Ligament Injuries in Children With First-Time Lateral Patellar Dislocations: A Magnetic Resonance Imaging and Arthroscopic Study. Am J Sports Med 2016; 44:152.](#) Baskin MN. Injury-knee. In: Textbook of Pediatric Emergency Medicine, 5th, Fleisher GR, Ludwig S, Henretig FM (Eds), Lippincott Williams & Wilkins, Philadelphia 2006. p.383. Patellofemoral instability and malalignment. In: Essentials of Musculoskeletal Care, 2nd, Green WB (Ed), American Academy of Orthopedic Surgeons, Rosemont 2001. p.387. [Gakhar H, Singhal A. Superior dislocation of the patella: case report and review of the literature. J Emerg Med 2013; 44:478.](#) [Bassi RS, Kumar BA. Superior dislocation of the patella; a case report and review of the literature. Emerg Med J 2003; 20:97.](#) [Hughston JC, Deese M. Medial subluxation of the patella as a complication of lateral retinacular release. Am J Sports Med 1988; 16:383.](#) [Le Corroller T, Dediu M, Champsaur P. Transient medial patellar dislocation: injury patterns at US and MR imaging. Skeletal Radiol 2009; 38:519.](#) [McHugh G, Ryan E, Cleary M, et al. Intra-articular dislocation of the patella. Case Rep Orthop 2013; 2013:535803.](#) [Garner JP, Pike JM, George CD. Intra-articular dislocation of the patella: two cases and literature review. J Trauma 1999; 47:780.](#) [Maripuri SN, Mehta H, Mohanty K. Sleeve fracture of the superior pole of the patella with an intra-articular dislocation. A case report. J Bone Joint Surg Am 2008; 90:385.](#) [Shetty S, Ramesh B, Gul A, et al. Vertical dislocation of the patella: report of 2 cases. Orthopedics 2009; 32.](#) [Cash JD, Hughston JC. Treatment of acute patellar dislocation. Am J Sports Med 1988; 16:244.](#) Young GM. Reduction of common joint dislocations and subluxations. In: Textbook of Pediatric Emergency Procedures, Henretig RM, King C (Eds), Williams & Wilkins, Baltimore 1997. p.1088. [Stefancin JJ, Parker RD. First-time traumatic patellar dislocation: a systematic review. Clin Orthop Relat Res 2007; 455:93.](#) [Sanders TL, Pareek A, Hewett TE, et al. Incidence of First-Time Lateral Patellar Dislocation: A 21-Year Population-Based Study. Sports Health 2018; 10:146.](#) [Cofield RH, Bryan RS. Acute dislocation of the patella: results of conservative treatment. J Trauma 1977; 17:526.](#) [Atkin DM, Fithian DC, Marangi KS, et al. Characteristics of patients with primary acute lateral patellar dislocation and their recovery within the first 6 months of injury. Am J Sports Med 2000; 28:472.](#) [Hsiao M, Owens BD, Burks R, et al. Incidence of acute traumatic patellar dislocation among active-duty United States military service members. Am J Sports Med 2010; 38:1997.](#) [Sillanpää P, Mattila VM, Iivonen T, et al. Incidence and risk factors of acute traumatic primary patellar dislocation. Med Sci Sports Exerc 2008; 40:606.](#) [Mäkelä H, Lehto MU. Surgery in acute patellar dislocation--evaluation of the effect of injury mechanism and family occurrence on the outcome of treatment. Br J Sports Med 1995; 29:239.](#) Ogden JA. Knee. In: Skeletal Injury in the Child, Ogden JA (Ed), Springer-Verlag, New York 2000. p.938. [Lu DW, Wang EE, Self WH, Kharasch M. Patellar dislocation reduction. Acad Emerg Med 2010; 17:226.](#)

Radial Head Dislocation

[Kaplan RE, Lillis KA. Recurrent nursemaid's elbow \(annular ligament displacement\) treatment via telephone. Pediatrics 2002; 110:171.](#) [Welch R, Chounthirath T, Smith GA. Radial Head Subluxation Among Young Children in the United States Associated With Consumer Products and Recreational Activities. Clin Pediatr \(Phila\) 2017; 56:707.](#) [Rudloe TF, Schutzman S, Lee LK, Kimia AA. No longer a "nursemaid's" elbow: mechanisms, caregivers, and prevention. Pediatr Emerg Care 2012; 28:771.](#) [Macias CG, Bothner J, Wiebe R. A comparison of supination/flexion to hyperpronation in the reduction of radial head subluxations. Pediatrics 1998; 102:e10.](#) [Schunk JE. Radial head subluxation: epidemiology and treatment of 87 episodes. Ann Emerg Med 1990; 19:1019.](#) [Illingworth CM. Pulled elbow: a study of 100 patients. Br Med J 1975; 2:672.](#) [Quan L, Marcuse EK. The epidemiology and treatment of radial head subluxation. Am J Dis Child 1985; 139:1194.](#) [Vitello S, Dvorkin R, Sattler S, et al. Epidemiology of nursemaid's elbow. West J Emerg Med 2014; 15:554.](#) [Irie T, Sono T, Hayama Y, et al. Investigation on 2331 cases of pulled elbow over the last 10 years. Pediatr Rep 2014; 6:5090.](#) [Sacchetti A, Ramoska EE, Glasgow C. Nonclassic history in children with radial head subluxations. J Emerg Med 1990; 8:151.](#) [Newman J. "Nursemaid's elbow" in infants six months and under. J Emerg Med 1985; 2:403.](#) [Young GM. Reduction of common joint dislocations and subluxations. In: Textbook of Pediatric Emergency Procedures, Henretig FM, King C \(Eds\), Williams & Wilkins, Baltimore 1997.](#) [Macias CG, Wiebe R, Bothner J. History and radiographic findings associated with clinically suspected radial head subluxations. Pediatr Emerg Care 2000; 16:22.](#) [Joffe M, Loiselle J. Musculoskeletal emergencies. In: Fleisher and Ludwig's Textbook of Pediatric Emergency Medicine, 7th ed, Shaw KN, Bachur RG \(Eds\), Lippincott Williams and Wilkins, Philadelphia 2015. p.1390.](#) [Kraus R, Dongowski N, Szalay G, Schnettler R. Missed elbow fractures misdiagnosed as radial head subluxations. Acta Orthop Belg 2010; 76:312.](#) [Eismann EA, Cosco ED, Wall EJ. Absence of radiographic abnormalities in nursemaid's elbows. J Pediatr Orthop 2014; 34:426.](#) [Snyder HS. Radiographic changes with radial head subluxation in children. J Emerg Med 1990; 8:265.](#) [Frumkin K. Nursemaid's elbow: a radiographic demonstration. Ann Emerg Med 1985; 14:690.](#) [Lee YS, Sohn YD, Oh YT. New, specific ultrasonographic findings for the diagnosis of pulled elbow. Clin Exp Emerg Med 2014; 1:109.](#) [Sohn Y, Lee Y, Oh Y, Lee W. Sonographic finding of a pulled elbow: the "hook sign". Pediatr Emerg Care 2014; 30:919.](#) [Krul M, van der Wouden JC, Kruithof EJ, et al. Manipulative interventions for reducing pulled elbow in young children. Cochrane Database Syst Rev 2017; 7:CD007759.](#) [Pring M, Wenger D, Rang M. Elbow-Proximal radius and ulna. In: Rang's Children's Fractures, 3rd ed, Rang M, Wenger DR, Pring ME \(Eds\), Lippincott Williams & Wilkins, Philadelphia 2005. p.119.](#) [Teach SJ, Schutzman SA. Prospective study of recurrent radial head subluxation. Arch Pediatr Adolesc Med 1996; 150:164.](#)

Shoulder Dislocation

[Simon RR, Sherman SC, Koenigsnecht SJ. Emergency Orthopedics: The Extremities, 5th ed, McGraw-Hill, New York 2006.](#) [Schaidler J, Simon RR. Shoulder injuries. In: Clinical Practice of Emergency Medicine, Wolfson AB, Hendey GW, Hendry PL, et al \(Eds\), Lippincott Williams & Wilkins, Philadelphia 2005. p.1033.](#) [Sineff SS, Reichman EF. Shoulder joint dislocation reduction.](#)

In: Emergency Medicine Procedures, Reichman EF, Simon RR (Eds), McGraw-Hill, New York 2004. p.593. [Simonet WT, Melton LJ 3rd, Cofield RH, Ilstrup DM. Incidence of anterior shoulder dislocation in Olmsted County, Minnesota. Clin Orthop Relat Res 1984; :186.](#) [Zacchilli MA, Owens BD. Epidemiology of shoulder dislocations presenting to emergency departments in the United States. J Bone Joint Surg Am 2010; 92:542.](#) [Brady WJ, Knuth CJ, Pirralo RG. Bilateral inferior glenohumeral dislocation: luxatio erecta, an unusual presentation of a rare disorder. J Emerg Med 1995; 13:37.](#) [Riebel GD, McCabe JB. Anterior shoulder dislocation: a review of reduction techniques. Am J Emerg Med 1991; 9:180.](#) [Stayner LR, Cummings J, Andersen J, Jobe CM. Shoulder dislocations in patients older than 40 years of age. Orthop Clin North Am 2000; 31:231.](#) [Visser CP, Coene LN, Brand R, Tavy DL. The incidence of nerve injury in anterior dislocation of the shoulder and its influence on functional recovery. A prospective clinical and EMG study. J Bone Joint Surg Br 1999; 81:679.](#) [Wen DY. Current concepts in the treatment of anterior shoulder dislocations. Am J Emerg Med 1999; 17:401.](#) [Cleeman E, Flatow EL. Shoulder dislocations in the young patient. Orthop Clin North Am 2000; 31:217.](#) [Perron AD, Ingerski MS, Brady WJ, et al. Acute complications associated with shoulder dislocation at an academic Emergency Department. J Emerg Med 2003; 24:141.](#) [Chong M, Karataglis D, Learmonth D. Survey of the management of acute traumatic first-time anterior shoulder dislocation among trauma clinicians in the UK. Ann R Coll Surg Engl 2006; 88:454.](#) [Emond M, Le Sage N, Lavoie A, Rochette L. Clinical factors predicting fractures associated with an anterior shoulder dislocation. Acad Emerg Med 2004; 11:853.](#) [Shuster M, Abu-Laban RB, Boyd J. Prereduction radiographs in clinically evident anterior shoulder dislocation. Am J Emerg Med 1999; 17:653.](#) [Hendey GW, Chally MK, Stewart VB. Selective radiography in 100 patients with suspected shoulder dislocation. J Emerg Med 2006; 31:23.](#) [Hendey GW. Necessity of radiographs in the emergency department management of shoulder dislocations. Ann Emerg Med 2000; 36:108.](#) [Hendey GW. Managing Anterior Shoulder Dislocation. Ann Emerg Med 2016; 67:76.](#) [Abbasi S, Molaie H, Hafezimoghadam P, et al. Diagnostic accuracy of ultrasonographic examination in the management of shoulder dislocation in the emergency department. Ann Emerg Med 2013; 62:170.](#) [Yuen CK, Mok KL, Kan PG, Wong YT. Bedside ultrasound for verification of shoulder reduction with the lateral and anterior approaches. Am J Emerg Med 2009; 27:503.](#) [Blakeley CJ, Spencer O, Newman-Saunders T, Hashemi K. A novel use of portable ultrasound in the management of shoulder dislocation. Emerg Med J 2009; 26:662.](#) [Gottlieb M, Russell F. Diagnostic Accuracy of Ultrasound for Identifying Shoulder Dislocations and Reductions: A Systematic Review of the Literature. West J Emerg Med 2017; 18:937.](#) [Blake R, Hoffman J. Emergency department evaluation and treatment of the shoulder and humerus. Emerg Med Clin North Am 1999; 17:859.](#) [Barber FA, Ryu RK, Tauro JC. Should first time anterior shoulder dislocations be surgically stabilized? Arthroscopy 2003; 19:305.](#) [Gleeson AP. Anterior glenohumeral dislocations: what to do and how to do it. J Accid Emerg Med 1998; 15:7.](#) [Perron AD, Jones RL. Posterior shoulder dislocation: avoiding a missed diagnosis. Am J Emerg Med 2000; 18:189.](#) [Tan AH. Missed posterior fracture-dislocation of the humeral head following an electrocution injury to the arm. Singapore Med J 2005; 46:189.](#) [Hashmi FR, Pugh M, Bryan S. Simultaneous bilateral posterior dislocation of shoulder. Am J Emerg Med 2002; 20:127.](#) [Cicak N. Posterior dislocation of the shoulder. J Bone Joint Surg Br 2004; 86:324.](#) [Gor DM. The trough line sign. Radiology 2002; 224:485.](#) [Simon RR, Sherman SC, Koenigsnecht SJ. Emergency Orthopedics: The Extremities, 5th ed, McGraw-Hill, New York 2006.](#) [Cisternino SJ, Rogers LF,](#)

[Stufflebam BC, Kruglik GD. The trough line: a radiographic sign of posterior shoulder dislocation. AJR Am J Roentgenol 1978; 130:951.](#) [Gosens T, Poels PJ, Rondhuis JJ. Posterior dislocation fractures of the shoulder in seizure disorders--two case reports and a review of literature. Seizure 2000; 9:446.](#) [Mackenzie DC, Liebmann O. Point-of-care ultrasound facilitates diagnosing a posterior shoulder dislocation. J Emerg Med 2013; 44:976.](#) [Beck S, Chilstrom M. Point-of-care ultrasound diagnosis and treatment of posterior shoulder dislocation. Am J Emerg Med 2013; 31:449.e3.](#) [Yuen CK, Chung TS, Mok KL, et al. Dynamic ultrasonographic sign for posterior shoulder dislocation. Emerg Radiol 2011; 18:47.](#) [Saupe N, White LM, Bleakney R, et al. Acute traumatic posterior shoulder dislocation: MR findings. Radiology 2008; 248:185.](#) [Aparicio G, Calvo E, Bonilla L, et al. Neglected traumatic posterior dislocations of the shoulder: controversies on indications for treatment and new CT scan findings. J Orthop Sci 2000; 5:37.](#) [Yamamoto T, Yoshiya S, Kurosaka M, et al. Luxatio erecta \(inferior dislocation of the shoulder\): a report of 5 cases and a review of the literature. Am J Orthop \(Belle Mead NJ\) 2003; 32:601.](#) [Grate I Jr. Luxatio erecta: a rarely seen, but often missed shoulder dislocation. Am J Emerg Med 2000; 18:317.](#) [Ameh V, Crane S. Nerve injury following shoulder dislocation: the emergency physician's perspective. Eur J Emerg Med 2006; 13:233.](#) [Mallon WJ, Bassett FH 3rd, Goldner RD. Luxatio erecta: the inferior glenohumeral dislocation. J Orthop Trauma 1990; 4:19.](#) [O'Connor DR, Schwarze D, Fragomen AT, Perdomo M. Painless reduction of acute anterior shoulder dislocations without anesthesia. Orthopedics 2006; 29:528.](#) [Burton JH, Bock AJ, Strout TD, Marcolini EG. Etomidate and midazolam for reduction of anterior shoulder dislocation: a randomized, controlled trial. Ann Emerg Med 2002; 40:496.](#) [Taylor DM, O'Brien D, Ritchie P, et al. Propofol versus midazolam/fentanyl for reduction of anterior shoulder dislocation. Acad Emerg Med 2005; 12:13.](#) [Miller SL, Cleeman E, Auerbach J, Flatow EL. Comparison of intra-articular lidocaine and intravenous sedation for reduction of shoulder dislocations: a randomized, prospective study. J Bone Joint Surg Am 2002; 84-A:2135.](#) [Matthews DE, Roberts T. Intraarticular lidocaine versus intravenous analgesic for reduction of acute anterior shoulder dislocations. A prospective randomized study. Am J Sports Med 1995; 23:54.](#) [Orlinsky M, Shon S, Chiang C, et al. Comparative study of intra-articular lidocaine and intravenous meperidine/diazepam for shoulder dislocations. J Emerg Med 2002; 22:241.](#) [Fitch RW, Kuhn JE. Intraarticular lidocaine versus intravenous procedural sedation with narcotics and benzodiazepines for reduction of the dislocated shoulder: a systematic review. Acad Emerg Med 2008; 15:703.](#) [Dhinakaran SR, Ghosh A. Towards evidence based emergency medicine: best BETs from the Manchester Royal Infirmary. Intra-articular lidocaine for acute anterior shoulder dislocation reduction. Emerg Med J 2002; 19:142.](#) [Kosnik J, Shamsa F, Raphael E, et al. Anesthetic methods for reduction of acute shoulder dislocations: a prospective randomized study comparing intraarticular lidocaine with intravenous analgesia and sedation. Am J Emerg Med 1999; 17:566.](#) [Naredo E, Cabero F, Beneyto P, et al. A randomized comparative study of short term response to blind injection versus sonographic-guided injection of local corticosteroids in patients with painful shoulder. J Rheumatol 2004; 31:308.](#) [Sethi PM, Kingston S, Elattrache N. Accuracy of anterior intra-articular injection of the glenohumeral joint. Arthroscopy 2005; 21:77.](#) [Breslin K, Boniface K, Cohen J. Ultrasound-guided intra-articular lidocaine block for reduction of anterior shoulder dislocation in the pediatric emergency department. Pediatr Emerg Care 2014; 30:217.](#) [Wakai A, O'Sullivan R, McCabe A. Intra-articular lignocaine versus intravenous analgesia with or without sedation for manual reduction of acute](#)

[anterior shoulder dislocation in adults. Cochrane Database Syst Rev 2011; :CD004919.](#) [Blaivas M, Lyon M. Ultrasound-guided interscalene block for shoulder dislocation reduction in the ED. Am J Emerg Med 2006; 24:293.](#) [Blaivas M, Adhikari S, Lander L. A prospective comparison of procedural sedation and ultrasound-guided interscalene nerve block for shoulder reduction in the emergency department. Acad Emerg Med 2011; 18:922.](#) [Raeyat Doost E, Heiran MM, Movahedi M, Mirafzal A. Ultrasound-guided interscalene nerve block vs procedural sedation by propofol and fentanyl for anterior shoulder dislocations. Am J Emerg Med 2017; 35:1435.](#) [Beh ZY, Osman A, Fathil S, Karmakar MK. Ultrasound guided interscalene brachial plexus block with low dose sedation - Technique of choice for reducing shoulder dislocation. Am J Emerg Med 2018; 36:717.](#) [Kuhn JE. Treating the initial anterior shoulder dislocation--an evidence-based medicine approach. Sports Med Arthrosc 2006; 14:192.](#) [Bishop JY, Flatow EL. Pediatric shoulder trauma. Clin Orthop Relat Res 2005; :41.](#) [Baykal B, Sener S, Turkan H. Scapular manipulation technique for reduction of traumatic anterior shoulder dislocations: experiences of an academic emergency department. Emerg Med J 2005; 22:336.](#) [Anderson D, Zvirbulis R, Ciullo J. Scapular manipulation for reduction of anterior shoulder dislocations. Clin Orthop Relat Res 1982; :181.](#) [McNamara RM. Reduction of anterior shoulder dislocations by scapular manipulation. Ann Emerg Med 1993; 22:1140.](#) [Kothari RU, Dronen SC. Prospective evaluation of the scapular manipulation technique in reducing anterior shoulder dislocations. Ann Emerg Med 1992; 21:1349.](#) [Schubert H. Reducing anterior shoulder dislocation. Easy is good. Can Fam Physician 2002; 48:469.](#) [Sagarin MJ. Best of both \(BOB\) maneuver for rapid reduction of anterior shoulder dislocation. J Emerg Med 2005; 29:313.](#) [Leidelmeyer, R. Reduced! A Shoulder, Subtly and Painlessly. Emergency Medicine 1977; 9:233.](#) [Simon RR. The Hennepin technique. Ann Emerg Med 1984; 13:981.](#) [Eachempati KK, Dua A, Malhotra R, et al. The external rotation method for reduction of acute anterior dislocations and fracture-dislocations of the shoulder. J Bone Joint Surg Am 2004; 86-A:2431.](#) [Plummer D, Clinton J. The external rotation method for reduction of acute anterior shoulder dislocation. Emerg Med Clin North Am 1989; 7:165.](#) [Mirick MJ, Clinton JE, Ruiz E. External rotation method of shoulder dislocation reduction. JACEP 1979; 8:528.](#) [Janitzky AA, Akyol C, Kesapli M, et al. Anterior Shoulder Dislocations in Busy Emergency Departments: The External Rotation Without Sedation and Analgesia \(ERWOSA\) Method May Be the First Choice for Reduction. Medicine \(Baltimore\) 2015; 94:e1852](#)