



## Peter M. Waters, MD, MMSc

### Bio

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### Education

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- Tufts University - *Bachelor of Arts*
- Tufts University - *Doctor of Medicine*
- Harvard Medical School - *MMSc(Ed)*
- Massachusetts General Hospital - *Pediatric Residency*
- Harvard Combined Orthopedic - *Orthopedic Residency*
- Cottage Hospital (Santa Barbara, California) - *General Surgery Fellowship*
- Boston Children's Hospital - *Sports Medicine Fellowship*
- Bringham & Women's Hospital - *Hand & Upper Extremity Fellowship*
- Institute de la Main (Paris, France) - *Edwin Cave Traveling Fellowship*

**P: (704) 323-2426**

**Patient Rating:**

5 out of 5 Stars

### LOCATIONS

- Brachial Plexus and Limb Paralysis Center
- Congenital Hand Clinic
- Hand Center
- Pediatric Orthopedic Center
- Reconstructive Center for Lost Limbs

### Practice

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Adult & Pediatric Hand Surgeon

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Academic Appointments

- Professor of Orthopedic Surgery Atrium Musculoskeletal Institute

### Awards

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Named a 2023 Top Doctor by Charlotte Magazine

### Research

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Original Peer-Reviewed Articles

### CLINICAL SPECIALTIES

- Pediatric
- Hand
- Specialties
- Pediatric

Waters PM, Strick P. Influence of strategy on muscle activity during ballistic movements. *J Brain Res*, 1981; 207: 189-194.

Waters PM, Lipson SJ. Modification of the degenerative response in experimental intervertebral disk herniation in rabbits. *J Spinal Disorders* 1988; 1(1):81-5. PMID: 2980066

Waters PM, Kurica K, Hall H, Micheli L. Salter innominate osteotomies in congenital dislocation of the hip. *J Ped Orthop* 1988; 8: 650-655.

Waters PM, Millis MB. Hip and pelvic injuries in the young athlete. *Clin Sports Med*. 1988 Jul;7(3):513-26. Review. PMID: 3042159.

Waters PM, Welch K, Micheli L, Shamberger R, Hall J. Scoliosis in children with pectus excavatum and pectus carinatum. *J Ped Orthop* 1989; 9: 551-556.

Micheli LJ, Waters PM, Sanders DP. Sliding fibular graft repair for chronic dislocation of the peroneal tendons. *Am J Sports Med* 1989; Jan-Feb;17(1):68-71. PMID: 2929839

Bayley JC, Waters PM. Irreducible total hip dislocation due to component interlocking. *Orthopedics*. 1990 May;13(5):567-569. No abstract available. PMID: 2352905

Waters PM, Kasser J. Infection of infra-patellar bursa. *J Bone Joint Surg* 1990; 72A:10095-10096.

Schwartz JT Jr, Waters PM, Laurencin CT. Sciatic-nerve palsy associated with retained plastic shot container in a shotgun injury. A case report. *J Bone Joint Surg Am*. 1991 Apr;73(4):607-9. No abstract available. PMID: 2013601

Campbell CC, Waters PM, Emans JB. Excision of the radial head for congenital dislocation. *J Bone Joint Surg Am*. 1992 Jun;74(5):726-33. PMID: 1624487

Schwend RM, Waters PM, Hey LA, Hall JE, Emans JB. Treatment of severe spondylolisthesis in children by reduction and L4-S4 posterior segmental hyperextension fixation. *J Pediatr Orthop* 1992 Nov-Dec;12(6):703-11. PMID: 1452736

Schwartz JT, Waters PM, Simmons BP. Endoscopic carpal tunnel release: A cadaveric study. *Arthroscopy*. 1993;9(2):209-13. PMID: 8461083

Waters PM, Schwartz JT. Posterior interosseous nerve: an anatomic study of potential nerve grafts. *J Hand Surg Am*. 1993 Jul;18(4):743-5. PMID: 8349994

Waters PM, Benson LS. Dislocation of the distal phalanx epiphysis in toddlers. *J Hand Surg Am.* 1993 Jul;18(4):581-5. PMID: 8349960

Troum S, Floyd WE 3rd, Waters PM. Posterior dislocation of the humeral head in infancy associated with obstetrical paralysis. A case report. *J Bone Joint Surg Am.* 1993 Sep;75(9):1370-5. No abstract available. PMID: 8408159

Waters PM, Kolettis GJ, Schwend R. Acute median neuropathy following physeal fractures of the distal radius. *J Pediatr Orthop.* 1994 Mar-Apr;14(2):173-7. PMID: 8188829

Rodgers WB, Waters PM. Incidence of trigger digits in newborns. *J Hand Surg Am.* 1994 May;19(3):364-8. PMID: 8056959

Mintzer CM, Waters PM, Brown DJ, Kasser JR. Percutaneous pinning in the treatment of displaced lateral condyle fractures. *J Pediatr Orthop.* 1994 Jul-Aug;14(4):462-5. PMID: 8077428

Mintzer CM, Waters P. Acute open reduction of a displaced scaphoid fracture in a child. *J Hand Surg Am.* 1994 Sep;19(5):760-1. No abstract available. PMID: 7806796

Mintzer CM, Waters PM, Brown DJ. Remodeling of a displaced phalangeal neck fracture. *J Hand Surg Br.* 1994 Oct;19(5):594-6. PMID: 7822916

Benson LS, Waters PM, Kamil NI, Simmons BP, Upton J 3rd. Camptodactyly: classification and results of nonoperative treatment. *J Pediatr Orthop.* 1994 Nov-Dec;14(6):814-9. PMID: 7814601

Mintzer CM, Waters PM. Late presentation of a ligamentous ulnar collateral ligament injury in a child. *J Hand Surg Am.* 1994 Nov;19(6):1048-9. No abstract available. PMID: 7876480

Mintzer CM, Waters PM, Simmons BP. Nonunion of the scaphoid in children treated by Herbert screw fixation and bone grafting. A report of five cases. *J Bone Joint Surg Br.* 1995 Jan;77(1):98-100. PMID: 7822406

Campbell CC, Waters PM, Emans JB, Kasser JR, Millis MB. Neurovascular injury and displacement in type III supracondylar humerus fractures. *J Pediatr Orthop.* 1995 Jan-Feb;15(1):47-52. PMID: 7883927

Kharrazi FD, Rodgers WB, Waters PM, Koris MJ. Dislocation of elbow complicated by arterial injury: reconstructive strategy and functional outcome. *Am J Orthop (Belle Mead NJ).* 1995 May;Suppl:11-5. PMID: 7663955

Van Heest A, Waters PM, Simmons B, Schwartz JT. A cadaveric study of the single portal endoscopic carpal tunnel release. *J Hand Surg* 1995; 20A:3:363-6.

Ring D, Waters PM. Management of fractures and dislocations of the elbow in children. *Acta Orthop Belg*. 1996;62 Suppl 1:58-65. Review. PMID: 9084560

Rodgers WB, Waters PM, Hall JE. Chronic Monteggia lesions in children. Complications and results of reconstruction. *J Bone Joint Surg Am*. 1996 Sep;78(9):1322-9. PMID: 8816646

Ring D, Waters PM. Operative fixation of Monteggia fractures in children. *J Bone Joint Surg Br*. 1996 Sep;78(5):734-9. PMID: 8836060

Mintzer CM, Waters PM, Brown DJ. Glenoid version in children. *J Pediatr Orthop* 1996 Sep-Oct;16(5):563-6. PMID: 8865036

Zaltz I, Waters PM, Kasser JR. Ulnar nerve instability in children. *J Pediatr Orthop*. 1996 Sep-Oct;16(5):567-9. PMID: 8865037

Flynn JM, Waters PM. Single-bone fixation of both-bone forearm fractures. *J Pediatr Orthop* 1996 Sep-Oct;16(5):655-9. PMID: 8865054

Rodgers WB, Kharrazi FD, Waters PM, Kennedy JG, McKee MD, Lhowe DW. The use of osseous suture anchors in the treatment of severe, complicated elbow dislocations. *Am J Ortho (Belle Mead NJ)*. 1996 Nov;25(11):794-8. PMID: 8959261

Waters PM, Taylor BA. Use of an osteocutaneous plantar free flap for salvage of a below-the-knee amputation in a child. A case report. *J Bone Joint Surg Am*. 1997 Jul;79(7):1073-5. No abstract available. PMID: 9234885

Waters PM, Mintzer CM, Hipp JA, Snyder BD. Noninvasive measurement of distal radius instability. *J Hand Surg Am*. 1997 Jul;22(4):572-9. PMID: 9260609

Waters, PM, Van Heest AE, Emans J. Acute forearm lengthenings. *J Pediatr Orthop*. 1997 Jul-Aug;17(4):444-9. PMID: 9364380

Waters PM. Obstetric Brachial Plexus Injuries: Evaluation and Management. *J Am Acad Orthop Surg*. 1997 Jul;5(4):205-214. PMID: 10797223

Jaramillo D, Waters PM. MR imaging of the normal developmental anatomy of the elbow. *Magn Reson Imaging Clin N Am*. 1997 Aug;5(3):501-13. PMID: 9219715

Waters PM, Van Heest A. Spastic hemiplegia of the upper extremity in children. *Hand Clin.* 1998 Feb;14(1):119-34. Review. PMID: 9526161

Gill TJ, Waters P. Valgus osteotomy of the humeral neck for the treatment of humerus varus. *J Shoulder and Elbow* 1997; 6(3):306-10.

Waters PM, Smith GR, Jaramillo D. Glenohmeral deformity secondary to brachial plexus birth palsy. *J Bone Joint Surg Am.* 1998 May;80(5):668-77. PMID: 9611027

Illgen R 2nd, Rodgers WB, Hresko MT, Waters PM, Zurakowski D, Kasser JR. Femur fractures in children: treatment with early sitting spica casting. *J Pediatr Orthop* 1998 Jul-Aug;18(4):481-7. PMID: 9661858

Ring D, Jupiter JB, Waters PM. Monteggia fractures in children and adults. *J Am Acad Orthop Surg* 1998 Jul-Aug;6(4):215-24. Review. PMID: 9682084

Terry CL, Waters PM. Triangular fibrocartilage injuries in pediatric and adolescent patients. *J Hand Surg Am.* 1998 Jul;23(4):626-34. PMID: 9708376

Kadiyala RK, Waters PM. Upper extremity pediatric compartment syndromes. *Hand Clin.* 1998 Aug;14(3):467-75. Review. PMID: 9742425

Lazar RD, Waters PM, Jaramillo D. The use of ultrasonography in the diagnosis of occult fracture of the radial neck. A case report. *J Bone Joint Surg Am* 1998 Sep;80(9):1361-4. No abstract available. PMID: 9759823

Mudgal C, Waters PM. Isolated fracture-subluxation of the second sternocostal synchondrosis. A case report. *Am J Sports Med.* 1998 Sep-Oct;26(5):729-30. No abstract available. PMID: 9784823

VanHeest A, Waters PM, Simmons BP. Surgical treatment of the arthrogryposis of the elbow. *J Hand Surg Am.* 1998 Nov;23(6):1063-70. PMID: 9848560

Lins RE, Simovitch RW, Waters PM. Pediatric elbow trauma. *Orthop Clin North Am.* 1999 Jan;30(1):119-32. Review. PMID: 9882730

Mintzer CM, Waters PM. Surgical treatment of pediatric scaphoid fracture nonunions. *J Pediatr Orthop.* 1999 Mar-Apr;19(2):236-9. PMID: 10088696

Re PR, Waters PM, Hresko T. T-condylar fractures of the distal humerus in children and adolescents. *J Pediatr Orthop.* 1999 May-Jun;19(3):313-8. PMID: 10344313

Waters PM. Comparison of the natural history, the outcome of microsurgical repair, and outcome of operative reconstruction in brachial plexus birth palsy. *J Bone Joint Surg Am* 1999 May;81(5):649-59. PMID: 10360693

Waters PM, Peljovich AE. Shoulder reconstruction in patients with chronic brachial plexus birth palsy. A case control study. *Clin Orthop Relat Res*. 1999 Jul;(364):144-52. PMID: 10416403

Benson LS, Waters PM, Meier SW, Visotsky JL, Williams CS. Pediatric hand injuries due to home exercycles. *J Pediatr Orthop* 2000 Jan-Feb;20(1):34-9. PMID: 10641685

Papandrea R, Waters PM. Posttraumatic reconstruction of the elbow in the pediatric patient. *Clin Orthop Relat Res*. 2000 Jan;(370):115-26. Review. PMID: 10660706

Taylor BA, Waters PM. A case of recurrent trigger thumb: A case report. *Am J Orthop (Belle Mead NJ)*. 2000 Apr;29(4):297-8. PMID: 10784018

Kocher MS, Waters PM, Micheli LJ. Upper extremity injuries in the paediatric athlete. *Sports Med* 2000 Aug; 30(2):117-35. Review. PMID: 10966151

Paterson PD, Waters PM. Shoulder injuries in the childhood athlete. *Clin Sports Med*. 2000 Oct;19(4):681-92. Review. PMID: 11019735

Reitman R, Waters PM, Millis M. Open reduction and internal fixation for supracondylar humerus fractures in Children. *J Ped Ortho* 2001; 21(2):157-61.

Kennedy JG, Hresko MT, Kasser JR, Shrock KB, Zurakowski D, Waters PM, Millis MB. Osteonecrosis of the femoral head associated with slipped capital femoral epiphysis. *J Pediatr Orthop* 2001 Mar-Apr;21(2):189-93. PMID: 11242248

Ring D, Waters PM, Hotchkiss RN, Kasser JR. Pediatric floating elbow. *J Pediatr Orthop*. 2001 Jul-Aug;21(4):456-9. PMID: 11433156

Kaawach W, Ecklund K, Canzio J, Zurakowski D, Waters PM. Normal ranges of scapholunate distance in children 6 to 14 years old. *J Pediatr Orthop* 2001 Jul-Aug;21(4):464-7. PMID: 11433158

Waters PM, Stewart SL Radial neck fracture nonunion in children. *J Pediatr Orthop*. 2001 Sep-Oct;21(5):570-6. PMID: 11521020

Bae D, Waters PM. Surgical treatment of posttraumatic elbow contracture in adolescents. *J Pediatr Orthop*. 2001 Sep-Oct;21(5):580-4. PMID: 11521022

Bae DS, Kadiyala RK, Waters PM. Acute compartment syndrome in children: contemporary diagnosis, treatment and outcome. *J Pediatr Orthop*. 2001 Sep-Oct;21(5):680-8. PMID: 11521042

Micheli LJ, Luke AC, Mintzer CM, Waters PM. Elbow arthroscopy in pediatric and adolescent population. *Arthroscopy*. 2001 Sep;17(7):694-9. PID: 11536087

Waters PM, Stewart S. Surgical treatment of nonunion and avascular necrosis of the proximal part of the scaphoid in adolescents. *J Bone Joint Surg Am*. 2002 Jun;84-A(6):915-20. PMID: 12063324

Waters PM, Bae DS, Montgomery KD. Surgical management of posttraumatic distal radial growth arrest in adolescents. *J Pediatr Orthop*. 2002 Nov-Dec;22(6):717-24. PMID: 12409894

Flynn JM, Sarwark JF, Waters PM, Bae DS, Lemke LP. The surgical management of pediatric fractures of the upper extremity. *Instr Course Lect*. 2003;52:635-45. Review. PMID: 12690888

Waters PM, Bae DS, Kadiyala RK. Short-term outcomes after surgical treatment of traumatic posterior sternoclavicular fracture-dislocations in children and adolescents. *J Pediatr Orthop* 2003 Jul-Aug;23(4):464-9. PMID: 12826944

Bae, DS, Waters PM, Montgomery K, Pribaz J. The use of early flap coverage in severe open physeal fractures: a report of two cases. *J Orthop Trauma*. 2003 Jul;17(6):450-8. PMID: 12843733

Bae DS, Waters PM, Zurakowski D. Reliability of three classification systems measuring active motion in brachial plexus birth palsy. *J Bone Joint Surg Am*. 2003 Sep;85-A(9):1733-8. PMID: 12954832

Waters PM, Zurakowski D, Patterson P, Bae DS, Nimec D. Interobserver and intraobserver reliability of therapist-assisted videotaped evaluations of upper-limb hemiplegia. *J Hand Surg Am*. 2004 Mar;29(2):238-34. PMID: 15043910

Cornwall R, Waters PM. Remodeling of phalangeal neck fracture malunions in children: case report. *J Hand Surg Am*. 2004 May;29(3):458-61. PMID: 15140490

Waters PM, Taylor BA, Kuo AY. Percutaneous reduction of incipient malunion of phalangeal neck fractures in children. *J Hand Surg Am*. 2004 Jul;29(4):707-11. PMID: 15249098

Ponce BA, Hedequist DJ, Zarakowski D, Atkinson CC, Waters PM. Complications and timing of follow-up after closed reduction and percutaneous pinning of supracondylar humerus fractures: follow-up after percutaneous pinning of supracondylar humerus fractures. *J Pediatr Orthop*. 2004 Nov-Dec;24(6):610-4. PMID: 15502556

Remia LF, Richards K, Waters PM. The Bryan-Morrey triceps-sparing approach to open reduction of T-condylar humeral fractures in adolescents: cybex evaluation of triceps function and elbow motion. *J Pediatr Orthop* 2004 Nov-Dec;24(6):615-9. PMID: 15502557

Waters PM. Update on management of pediatric brachial plexus palsy. *J Pediatr Orthop*. 2005 Jan-Feb;25(1):116-26. Review. PMID: 15614072

Waters PM, Bae DS. The effect of tendon transfers and extra-articular soft-tissue balancing on glenohumeral development in brachial plexus birth palsy. *J Bone Joint Surg Am*. 2005 Feb;87(2):320-5. PMID: 15687154

Waters PM. Update on management of pediatric brachial plexus palsy. *J Pediatr Orthop B*. 2005 Jul;14(4):233-44. Review. PMID: 15931025

Miller BS, Taylor B, Widmann RF, Bae DS, Snyder BD, Waters PM. Cast immobilization versus percutaneous pin fixation of displaced radius fractures in children: a prospective, randomized study. *J Pediatr Orthop*. 2005 Jul-Aug;25(4):490-4. PMID: 15958902

Bae DS, Waters PM, Sampson CE. Use of free vascularized fibular graft for congenital ulnar pseudarthrosis: surgical decision making in the growing child. *J Pediatr Orthop* 2005 Nov-Dec;25(6):755-62. PMID: 16294132

Bae DS, Kocher MS, Waters PM, Micheli LM, Griffey M, Dichtel L. Chronic recurrent anterior sternoclavicular joint instability: results of surgical management. *J Pediatr Orthop* 2006 Jan-Feb;26(1):71-4. PMID: 16439906

Bae DS, Waters PM. Pediatric distal radius fractures and triangular fibrocartilage complex injuries. *Hand Clin*. 2006 Feb;22(1):43-53. Review. PMID: 16504777

Waters PM, Bae DS. The effect of derotational humeral osteotomy on global shoulder function in brachial plexus birth palsy. *J Bone Joint Surg Am*. 2006 May;88(5):1035-42. PMID: 16651578

Shah AK, Zurakowski D, Jessel RH, Kuo A, Waters PM. Measuring surgeons' treatment preferences and satisfaction with nerve reconstruction technique for children with unique brachial plexus birth palsies. *Plast Reconstr Surg*. 2006 Sep



15;118(4):967-75. PMID: 16980859

Shah A, Kuo A, Zurakowski D, Waters PM. Use and satisfaction of the internet in obtaining information on brachial plexus birth palsies and its influence on decision-making. *J Pediatr Orthop.* 2006 Nov-Dec;26(6):781-4. PMID: 17065946

Bae DS, Waters PM, Gebhardt MC. Results of free vascularized fibula grafting for allograft nonunion after limb salvage surgery for malignant bone tumors. *J Pediatr Orthop.* 2006 Nov-Dec;26(6):809-14. PID: 17065953

Earp BE, Waters PM, Wyzykowski RJ. Arthroscopic treatment of partial scapholunate ligament tears in children with chronic wrist pain. *J Bone and Surg Am.* 2006 Nov;88(11):2448-55. PMID: 17079403

Brauer CA, Lee BM, Bae DS, Waters PM, Kocher MS. A systematic review of medial and lateral entry pinning versus lateral entry pinning for supracondylar fractures of the humerus. *J Pediatr Orthop.* 2007 Mar;27(2):181-6. Review. PMID: 17314643

Kocher MS, Kasser JR, Waters PM, Bae DS, Snyder BD, Hresko MT, Hedequist D, Karlin L, Kim YJ, Murray MM, Millis MD, Emans JB, Dichtel L, Matheney T, Lee BM. Lateral entry compared with medial and lateral entry pin fixation for completely displaced supracondylar humeral fractures in children. A randomized clinical trial. *J Bone Joint Surg Am.* 2007 Apr;89(4):706-12. PMID: 17403790

Brauer CA, Waters PM. An economic analysis of the timing of microsurgical reconstruction in brachial plexus birth palsy. *J Bone Joint Surg Am.* 2007 May;89(5):970-8. PMID: 17473133

Bae DS, Waters PM. External rotation humeral osteotomy for brachial plexus birth palsy. *Tech Hand Up Extrem Surg.* 2007 Mar;11(1):8-14. Review. PMID: 17536517

Ugwonali OF, Bae DS, Waters PM. Corrective osteotomy for humerus varus. *J Pediatr Orthop.* 2007 Jul-Aug;27(5):529-32. PMID: 17585261

Bae DS, Sodha S, Waters PM. Surgical treatment of the pediatric trigger finger. *J Hand Surg Am.* 2007 Sep;32(7):1043-7. PMID: 17826560

Waters PM. Operative carpal and hand injuries in children. *J Bone Joint Surg Am.* 2007 Sep;89(9):264-74. No abstract available. PMID: 17915385

Waters PM. Forearm rebalancing in osteochondromatosis by radioulnar fusion. *Tech Hand Up Extrem Surg.* 2007 Dec;11(4):236-40. PMID: 18090828

Kardestuncer T, Bae DS, Waters PM. The results of teodermodesis for severe chronic mallet finger deformity in children. *J Pediatr Orthop*. 2008 Jan-Feb;28(1):81-5. PMID: 18157050

Waters PM. Surgical treatment of carpal and hand injuries in children. *Instr Course Lect*. 2008;57:515-24. Review. PMID: 18399606

Hwang RW, Bae DS, Waters PM. Brachial plexus palsy following proximal humerus fracture in patients who are skeletally immature. *J Orthop Trauma*. 2008 Apr;22(4):286-90. Doi: 10.1097/BOT.0b013e31816b7898. PMID: 18404040

Monica JT, Waters PM, Bae DS. Radial nerve palsy in the newborn: a report of four cases and literature review. *J Pediatr Orthop*. 2008 Jun;28(4):460-2. Doi: 10.1097/BPO.0b013e31817440e0. PMID: 18520284.

Bae DS, Waters PM, Zurakowski D. Correlation of pediatric outcomes data collection instrument with measures of active movement in children with brachial plexus birth palsy. *J Pediatr Orthop*. 2008 Jul-Aug;28(5):584-92. Doi: 10.1097/BPO.0b013e31817bb88b. PMID: 18580377

Bae DS, Feretti M, Waters PM. Upper extremity size differences in brachial plexus birth palsy. *Hand (N Y)*. 2008 Dec;3(4):297-303. Doi: 10.1007/s11552-008-9103-5. Epub 2008 Apr 25. PMID: 18780022

Waters PM, Bae DS. The early effects of tendon transfers and open capsulorrhaphy on glenohumeral deformity in brachial plexus birth palsy. *J Bone Joint Surg Am*. 2008 Oct;90(10):2171-9. Doi: 10.2106/JBJS.G.01517. PMID: 18829915

Glantzbecker MP, Shin EK, Chen NC, Labow BI, Waters PM. Salvage reconstruction of congenital pseudarthrosis of the clavicle with vascularized fibular graft after failed operative treatment: a case report. *J Pediatr Orthop*. 2009 Jun;29(4):411-5. Doi: 10.1097/BPO.0b013e3181a5ebff. PMID: 19461387

Bae DS, Zurakowski D, Avallone N, Yu R, Waters PM. Sports participation in selected children with brachial plexus birth palsy. *J Pediatr Orthop*. 2009 Jul-Aug;29(5):496-503. Doi: 10.1097/BPO.0b013e3181aa9583. PMID: 19568024

Waters PM, Monica JT, Earp BE, Zurakowski D, Bae DS. Correlation of radiographic muscle cross-sectional area with glenohumeral deformity in children with brachial plexus birth palsy. *J Bone Joint Surg Am*. 2009 Oct;91(10):2367-75. Doi: 10.2106/JBJS.H.00417. PMID: 19797571

Waters PM, Bae DS. The early effects of tendon transfers and open capsulorrhaphy on glenohumeral deformity in brachial plexus birth palsy. Surgical technique. *J Bone Joint Surg Am* 2009 Oct 1;91 Suppl 2:213-22. Doi: 10.2106/JBJS.I.00501. PMID: 1980585

Hale HB, Bae DS, Waters PM. Current concepts in the management of brachial plexus birth palsy. *J Hand Surg Am*. 2010 Feb;35(2):322-31. Doi: 10.1016/j.jhsa.2009.11.026. Review. PMID: 20141905

Dietz JF, Bae DS, Reiff E, Zurakowski D, Waters PM. Single bone intramedullary fixation of the ulna in pediatric both bone forearm fractures: analysis of short-term clinical and radiographic results. *J Pediatr Orthop*. 2010 Jul-Aug;30(5):420-4. Doi: 10.1097/BPO.0b013e3181e00c44. PMID: 20574256

Smith JT, McFeely ED, Bae DS, Waters PM, Micheli LJ, Kocher MS. Operative fixation of medial humeral epicondyle fracture nonunion in children. *J Pediatr Orthop*. 2010 Oct-Nov;30(7):644-8. Doi: 10.1097/BPO.0b013e3181ed4381. PMID: 20864846

Gholson JJ, Bae DS, Zurakowski D, Waters PM. Scaphoid fractures in children and adolescents: contemporary injury patterns and factors influencing time to union. *J Bone Joint Surg Am*. 2011 Jul 6;93(13):1210-9. Doi: 10.2106/JBJS.J.01729. PMID: 21776574

Hutchinson PH, Bae DS, Waters PM. Intramedullary nailing versus percutaneous pin fixation of pediatric proximal humerus fractures: a comparison of complications and early radiographic results. *J Pediatr Orthop*. 2011; Sep;31(6):617-22. Doi: 10.1097/BPO.0b013e3182210903. PMID: 21841434

Vezeridis PS, Bae DS, Kocher MS, Kramer DE, Yen YN, Waters PM. Surgical treatment for avulsion injuries of the humeral lesser tuberosity apophysis in adolescents. *J Bone Joint Surg Am*. 2011 Oct 19;93(20):1882-8. Doi: 10.2106/JBJS.K.00450. PMID: 22012525

Shi LL, Bae DS, Kocher MS, Micheli LJ, Waters PM. Contained versus uncontained lesions in juvenile elbow osteochondritis dissecans. *J Pediatr Orthop*. 2012 Apr-May;32(3):221-5. Doi: 10.1097/BPO.0b013e31824afecf. PMID: 2241324

Mahan ST, Osborn E, Bae DS, Waters PM, Kasser JR, Kocher MS, Snyder BD, Hresko MT. Changing practice patterns: the impact of a randomized clinical trial on surgeons preference for treatment of type 3 supracondylar humerus fractures. *J Pediatr Orthop*. 2012 Jun; 32(4):340-5. Doi:

10.1097/BPO.0b013e3182519d1d. PMID: 22584832

Song KS, Waters PM. Lateral condylar humerus fractures: which ones should we fix? *J Pediatr Orthop*, 2012 Jun;32 Suppl 1:S5-9. Doi: 10.1097/BPO.0b013e318257642a. PMID: 22588104

Das De S, Bae DS, Waters PM. Displaced humeral lateral condyle fractures in children: should we bury the pins? *J Pediatr Ortho*. 2012 Sep; 32(6):573-8. Doi: 10.1097/BPO.0b013e318263a25f. PMID: 22588104

Bauer AS, Bae DS, Brustowicz KA, Waters PM. Intra-articular corrective osteotomy of humeral lateral condyle malunions in children: early clinical and radiographic results. *J Pediatr Orthop*. 2013 Jan; 33(1):20-5. Doi: 10.1097/BPO.0b013e318279c4cd. PMID: 23232374

Bae DS, Shah AS, Kalish LA, Kwon JY, Waters PM. Shoulder motion, strength, and functional outcomes in children with established malunion of the clavicle. *J Pediatr Orthop*. 2013 Jul-Aug; 33(5):544-50. Doi: 10.1097/BPO.0b013e3182857d9e. PMID: 23752154

Glottzbecker MP, Bae DS, Links AC, Waters PM. Fishtail deformity of the distal humerus: a report of 15 cases. *J Pediatr Orthop*. 2013 Sep;33(6):592-7. Doi: 10.1097/BPO.0b013e3182933c51. PMID: 23774206

Shah AS, Waters PM, Bae DS. Treatment of the "pink pulseless hand" in pediatric supracondylar humerus fractures. *J Hand Surg Am*. 2013 Jul;38(7):1399-403; quiz 1404. Doi: 10.1016/j.jhsa.2013.03.047. Review. No abstract available. PMID: 23790425

Harper CM, Waters PM. Acute idiopathic blue finger: case report. *J Bone Joint Surg Am*. 2013; Oct; 38(10):1980-2. Doi: 10.1016/j.jhsa.2013.07.022. Epub 2013 Sep 8. PMID: 24021741

Zimmerman RM, Kalish LA, Hresko MT, Waters PM, Bae DS. Surgical management of pediatric radial neck fractures. *J Bone Joint Surg Am*. 2013 Oct 16;95(20):1825-32. Doi: 10.2106/JBJS.L.01130. PMID: 24132355

Cerrato F, Eberlin K, Waters PM, Upton J, Taghinia A, Labow B. Presentation and treatment of macrodactyly in children. *J Hand Surg* 2013; 38A (11):2112-23  
Shore BJ, Hutchinson S, Harris M, Bae DS, Kalish LA, Maxwell W, Waters PM. Epidemiology and prevention of cast saw injuries. *J Bone Joint Surg* 2014; 96-A (4):351-.

Ting BL, Bae DS, Waters PM. Chronic posterior sternoclavicular joint fracture dislocations in children and young adults: results of surgical management. *J Pediatr Orthop*. 2014 Jul-Aug;34(5):542-7. Doi: 10.1097/BPO.0000000000000148. PMID: 24590336

Mahan ST, Kalish LA, Connell PL, Harris M, Abdul-Rahim Z, Waters PM. PedQL correlates to POCDI in pediatric orthopaedic outpatient clinic. *J Pediatr Orthop* 2014; September; 34(6).

Kelly BA, Miller P, Shore BJ, Waters PM, Bae DS. Exposed versus buried intramedullary implants for pediatric forearm fractures: a comparison of complications. *J Pediatr Orthop*. 2014 Dec;34(8):749-55. Doi: 10.1097/BPO.0000000000000210. PMID: 24787314

Ramski DE, Henrikus WP, Bae DS, Baldwin KD, Patel NM, Waters PM, Flynn JM. Pediatric monteggia fractures: a multicenter examination of treatment strategy and early clinical and radiographic results. *J Pediatr Orthop*. 2015 Mar;35(2):115-20. Doi: 10.1097/BPO.0000000000000213. PMID: 24978320

Henrikus WP, Miller PE, Micheli LJ, Waters PM, Bae DS. Internal fixation of unstable in situ osteochondritis dissecans lesions of the capitellum. *J Pediatr Orthop*. 2015 Jul-Aug;35(5):467-73. Doi: 10.1097/BPO.0000000000000308. PMID: 25264554

Shah AS, Waters PM, Bozic KH. Orthopaedic healthcare worldwide: standardized clinical assessment and management plans: an adjunct to clinical practice guidelines. *Clin Orthop Relat Res*. 2015 Jun;473(6):1868-72. Doi: 10.1007/s11999-014-4060-5. Epub 2014 Nov 25. No abstract available. PMID: 25421956

Nuzzi LC, Pike CM, Lewine EB, Cerrato FE, Alexander ME, Ferrari LR, Bae DS, Taghinia A, Waters PM, Labow BI. Preoperative electrocardiograms for nonsyndromic children with hand syndactyly. *J Hand Surg Am*. 2015 Mar;40(3):452-5. Doi: 10.1016/j.jhsa.2014.10.053. Epub 2014 Dec. 24. PMID: 25542431

Bae DS, Gholson JJ, Zurakowski D, Waters PM. Functional outcomes after treatment of scaphoid fractures in children and adolescents. *J Pediatr Orthop*. 2016 Jan;36(1):13-8. Doi: 10.1097/BPO.0000000000000406. PMID: 25658179

Shore BJ, Hedequist DJ, Miller PE, Waters PM, Bae DS. Surgical management for displaced pediatric proximal humeral fractures: a cost analysis. *J Child Orthop*. 2015 Feb;9(1):55-64. Doi: 10.1007/s11832-015-0643-2. Epub 2015 Feb

20. PMID: 25697469

Farr S, Kalish LA, Bae DS, Waters PM. Radiographic criteria for undergoing an ulnar shortening osteotomy in madelung deformity: a long-term experience from a single institution. *J Pediatr Orthop*. 2016 Apr-May;36(3):31-05. Doi: 10.1097/BPO.0000000000000434. PMID: 25757208

Eberlin KR, Busa K, Bae DS, Waters PM, Labow BI, Taghinia AH. Composite grafting for pediatric fingertip injuries. *Hand (NY)*. 2015 Mar;10(1):28-33. Doi: 10.1007/s11552-014-9671-5. PMID: 25767418

Luther G, Miller P, Waters PM, Bae DS. Radiographic evaluation during treatment of pediatric forearm fractures: implication on clinical care and cost. *J Pediatr Orthop*. 2016 Jul-Aug;36(5):465-71. Doi: 10.1097/BPO.0000000000000479. PMID: 25887819

Waters PM, Flynn, JM. POSNA Quality Safety Value Initiative: from vision to implementation to early results. *J Pediatr Orthop*. 2015 Jul-Aug;35(5 Suppl 1):S43-4. Doi: 10.1097/BPO.0000000000000546. PMID: 26049303

Waters PM. Value in pediatric orthopaedic surgery health care: the role of Time-Driven Activity-Based Cost accounting (TDABC) and Standardized Clinical Assessment and Management Plans (SCAMPs). *J Pediatr Orthop*. 2015 Jul-Aug;35(5 Suppl 1):S45-7. Doi: 10.1097/BPO.0000000000000547. PMID: 26049304

Ting BL, Kalish LA, Waters PM, Bae DS. Reducing cost and radiation exposure during the treatment of pediatric greenstick fractures of the forearm. *J Pediatr Orthop*. 2016 Dec;36(8):816-820. PMID: 26057068

Lewine EB, Miller PE, Micheli LJ, Waters PM, Bae DS. Early results of drilling and/or microfracture for Grade IV osteochondritis dissecans of the capitellum. *J Pediatr Orthop*. 2016 Sep;36(6):549-57. Doi: 10.1097/BPO.0000000000000506. Review. PMID: 26090983

Glitzbecker MP, Wang K, Waters PM, McCarthy J, Flynn JM, Vitale MG; POSNA Committee on the Quality, Safety, Value Initiative (QSVI). Quality, Safety, and Value in Pediatric Orthopaedic Surgery. *J Pediatr Orthop*. 2016 Sep;36(6):549-57. Doi: 10.1097/BPO.0000000000000506. Review. PMID: 26296218

Fishman LN, DiFazio R, Miller, Shanske S, Waters PM. Pediatric orthopaedic providers' views on transition from pediatric to adult care. *J Pediatr Orthop*. 2016

Sep;36(6):e75-80. Doi: 10.1097/BPO.0000000000000629. PMID: 26296228

Simcock X, Shah AS, Waters PM Bae DS. Safety and efficacy of derotational osteotomy for congenital radioulnar synostosis. *J Pediatr Orthop*. 2015 Dec;35(8):838-43. Doi: 10.1097/BPO.0000000000000370. PMID: 26322649

Bae DS, Valim C, Connell P, Brustowicz KA, Waters PM. Bivalved versus circumferential cast immobilization for displaced forearm fractures: a randomized clinical trial to assess efficacy and safety. *J Pediatr Orthop*. 2017 Jun;37(4):239-246. Doi: 10.1097/BPO.0000000000000655. PMID: 26422394

Vavken P, Bae DS, Waters PM, Flutie B, Kramer DE. Treating subscapularis and lesser tuberosity avulsion injuries in skeletally immature patients: a systematic review. *Arthroscopy*. 2016 May;32(5):919-28. Doi: 10.1016/j.arthro.2015.10.022. Epub 2016 Jan 16. Review. PMID: 26786826

Kitay A, Waters PM, Bae DS. Osteochondral autograft transplantation surgery for metacarpal head defects. *J Hand Surg Am*. 2016 Mar;41(3):457-63. Doi: 10.1016/j.jhsa.2015.12.021. Epub 2016 Jan 21. Review. PMID: 26803571

Bae DS, Canizares MF, Miller PE, Roberts S, Vuillermin C, Wall LB, Waters PM, Goldfarb CA. Intraobserver and interobserver reliability of the Oberg-Manske-Tonkin (OMT) classification: establishing a registry on congenital upper limb differences. *J Pediatr Orthop*. 2018 Jan;38(1):69-74. Doi: 10.1097/BPO.0000000000000732. PMID: 26840275

Bae DS, Waters PM. Pediatric orthopedic surgical simulation at Boston Children's Hospital. *J Pediatr Orthop B*. 2016 Jul;25(4):292-5. Doi: 10.1097/BPB.0000000000000319. Review. PMID: 27058820

Lewine E, Kim JM, Miller PE, Waters PM, Mahan ST, Snyder B, Hedequist D, Bae DS. Closed versus open supracondylar fractures of the humerus in children: a comparison of clinical and radiographic presentation and results. *J Pediatr Orthop*. 2018 Feb;38(2):77-81. Doi: 10.1097/BPO.0000000000000769. PMID: 27100041

Leshikar HB, Bauer AS, Lightdale-Miric N, Molitor F, Waters PM; Clavicle Fracture in Not Predictive of the Need for Micro Surg Brachial Plexus Birth Palsy; TOBI Study Group. *J Pediatr Orthop*. 2018 Feb;38(2):128-132. Doi: 10.1097/BPO.0000000000000770. PMID: 27137902

Waters PM, Gillespie BT. Ray resection of progressive macrodactyly of the hand: surgical technique and illustrative cases. *J Hand Surg Am*. 2016

Aug;41(8):e251-6. Doi: 10.1016/j.jhsa.2016.05.012. Epub 2016 Jun 23. Review. PMID: 27344071

Chagas-Neto FA, Dalto VF, Crema MD, Waters PM, Gregio-Junior E, Mazzer N, Nogueira-Barbosa MH. Imaging assessment of glenohumeral dysplasia secondary to brachial plexus birth palsy. *Radiol Bras*. 2016 May-Jun;49(3):1449-9. Doi: 10.1590/0100-3984.2015.0039. PMID: 27403013

Luther G, Miller PE, Mahan ST, Waters PM, Bae DS. Decreasing resource utilization using standardized clinical assessment and management plans (SCAMPs). *J Pediatr Orthop*. 2016 Sep 15. [Epub ahead of print] PMID: 27636917

Evans BT, Waters PM, Bae DS. Early results of surgical management of camptodactyly. *J Pediatr Orthop*. 2017 Jul/Aug;37(5):e317-e320. Doi: 10.1097/BPO.0000000000000967. PMID: 28277466

Abzug JM, Kozin SH, Waters PM. Open glenohumeral joint reduction and latissimus dorsi and teres major tendon transfers for infants and children following brachial plexus birth palsy. *Tech Hand Up Extrem Surg*. 2017 Jun;21(2):30-36. Doi: 10.1097/BTH.0000000000000150. PMID: 28448306

Brzozowska NI, Smith KL, Zhou C, Waters PM, Cavalcante LM, Abelev SV, Kuligowski M, Clarke DJ, Todd SM, Arnold JC. Genetic deletion of P-glycoprotein alters stress responsivity and increases depression-like behavior, social withdrawal and microglial activation in the hippocampus of female mice. *Brain Behav Immun*. 2017 Oct;65:251-261. Doi: 10.1016/j.bbi.2017.05.008. Epub 2017 May 10. PMID: 28502879

Yorlets RR, Busa K, Eberlin KR, Raisosadat MA, Bae DS, Waters PM, Labow BI, Taghinia H. Fingertip injuries in children: epidemiology, financial burden, and implications for prevention. *Hand (N Y)*. 2017 Jul;12(4):342-347. Doi: 10.1177/1558944716670139. Epub 2016 Sep. 26. PMID: 28644934

Canizares MF, Feldman L, Miller PE, Waters PM, Bae DS. Complications and cost of syndactyly reconstruction in the United States: analysis of the pediatric health information system. *Hand (N Y)*. 2017 Jul;12(4):327-344. Doi: 1177/1558944716668816. Epub 2016 Sep 12. PMID: 28644945

Murthy PG, Vuillermin C, Naqvi MN, Waters PM, Bae DS. Capitellar fractures in children and adolescents: classification and early results of treatment. *J Bone Joint Surg Am*. 2017 Aug 2;99(15):1282-1290. Doi: 10.2106/JBJS.16.01393. PMID: 28763414



Shore BJ, Gillespie BT, Miller PE, Bae DS, Waters PM. Recovery of motor nerve injuries associated with displaced, extension-type pediatric supracondylar humerus fractures. *J Pediatr Orthop*. 2017 Aug 2. Doi:

10.1097/BPO.0000000000001056. [Epub ahead of print] PMID: 28777281

Alves K, Spencer H, Barnewolt CE, Waters PM, Bae DS. Early outcomes of vein grafting for reconstruction of brachial arterial injuries in children. *J Hand Surg Am*. 2018 Mar;43(3):287.e1-287.e7. doi: 10.1016/j.jhsa.2017.09.020. Epub 2017 Nov 20. PMID: 29162296

Bae DS, Canizares MF, Miller PE, Waters PM, Goldfarb CA. Functional impact of congenital hand differences: early results from the Congenital Upper Limb Differences (CoULD Registry). *J Hand Surg Am*. 2018 Apr;43(4):321-330. Doi: 10.1016/j.jhsa.2017.10.006. Epub 2017 Dec 12. PMID: 29241842

Waters PM, Yang BW, White D, Barth E, Chiang V, Mizrahi-Arnaud A, Sparks W. A dedicated satellite trauma orthopaedic program operating room safely increases capacity. *J Bone Joint Surg Am*. 2018 May 16;100(10):e70. Doi: 10.2106/JBJS.17.01368. PMID: 29762292

Bauer A, Rabinovich RV, Waters PM. The Anterior Approach for Transfer of Radial Nerve Triceps Fascicles to the Axillary Nerve. *J Hand Surg Am*. 2019 Apr;44(4):345.e1-345.e6. doi: 10.1016/j.jhsa.2018.10.019. Epub 2018 Nov 27. PMID: 30502016

Yang, BW, Waters PM. Implementation of an Orthopedic Trauma Program to Safely Promote Resident Autonomy. *J Grad Med Educ*. 2019 Apr;11(2):207-231. doi: 10.4300/JGME-D-18-00277.1. PMID: 31024655

Luther G, Miller PE, Mahan ST, Waters PM, Bae DS. Decreasing Resource Utilization Using Standardized Clinical Assessment and Management Plans (SCAMPs). *J Pediatr Orthop*. 2019 Apr;39(4):169-174. doi: 10.1097/BPO.0000000000000873. PMID: 30839474

Yang BW, Waters PM. Conscious Sedation and Reduction of Fractures in the Paediatric Population: An Orthopaedic Perspective. *J Child Orthop*. 2019 Jun 1;13(3):330-333. doi: 19,1302/1863-2548.13.190013. PMID: 31312274

Bae DS, Miller P, Waters PM, Wu M. Early Results of Surgical Treatment of Triangular Fibrocartilage Complex (TFCC) Tears in Children and Adolescents. *J Hand Surg* (in press)

Vuillermin CB, Wang KK, Williams KA, Hresko MT, Waters PM. Sprengel's Deformity: An Analysis of Surgically and Non-surgically Treated Patients.

Journal of Shoulder and Elbow Surgery-D-19-00925R1; in press June 9, 2020.

Canizares MF, Feldman L, Miller PE, Waters PM, Bae DS Pollicization of the finger in the United States: Early readmission and Complications. *J Hand Surg Am.* 2019 Sep;44(9):795.e1-795.e8. doi: 10.1016/j.jhsa.2018.10.001. Epub 2018 Nov 13.

Daly MC, Lynch H, Bae DS, Waters PM, Bauer AS, and the TOBI Study Group. Outcomes of Late Microsurgical Nerve Reconstruction for Brachial Plexus Birth Palsy. *J Hand Surg* (in press) Oct. 2019

Samora JB, Vuillermin CB, Waters PM. Severe Consequences of the Misclassification and Subsequent Undertreatment of “Type 1” Open Fractures. *JPOSNA Vol. 1, Number 1, Nov. 2019*

Waters PM. POSNA 2019 Annual Meeting: Presidential Address. Tips for Achieving Success in Life and Work. *JPOSNA1: November 8, 2019.*

Shore BJ, Gillespie BT, Miller PE, Bae DS Waters PM Recovery of Motor Nerve Injuries Associated with Displaced Extension-type Pediatric Supracondylar Humerus Fractures. *J Pediatr Orthop.* 2019 Oct;39(9):e652-e656. doi: 10.1097/BPO.0000000000001056.

Shah, AS, Kalish, LA, Bae, DS, Peljovich, AE, Cornwall R, Bauer, AS, Waters PM, Treatment and Outcomes of Brachial Plexus Injuries (TOBI) Study Group. *J Hand Surg Am.* 2020;45(6):555.e1-e9.

Kim AE, Vuillermin CB, Bae DS, Samora JB, Waters PM, Bauer AS. Congenital Pseudarthrosis of the Clavicle: Surgical Decision Making and Outcomes. *J Shoulder Elbow Surg.* 2020 Feb;29(2):302-307. doi: 10.106/j.jse.209.06.002. Epub 2019 Aug 16.

Yang BW, Waters PM. Conscious Sedation and Reduction of Fractures in the Paediatric Population: An Orthopaedic Perspective. *Journal of Children’s Orthopaedics.* 2019 June 1; 13(3):330-333. doi: 10.1302/1863-2548.13.190013.

Shah, AS, Kalish, LA, Bae, DS, Peljovich, AE, Cornwall R, Bauer, AS, Waters PM, Treatment and Outcomes of Brachial Plexus Injuries (TOBI) Study Group. Early Predictors of Microsurgical Reconstruction in Brachial Plexus Birth Palsy. *Iowa Ortho.* 2019;39(1):37-43. PMID: 31413672; PMCID: PMC6604547

Cohen LL, Glotzbecker MP, Miller PE, Waters PM, Bae DS, Shore BJ. Changing Practice Patterns: the impact of a cost analysis project on surgeons’ preference for treatment of pediatric displaced humeral lateral condyle fractures. *J Pediatr*

Orthop B. 2020 May 2 doi: 10.1097/BPB.0000000000000734. Online ahead of print J Pediatr Orthop B 2020. PMID: 32371652

Kallini, JR, Fu CE, Shah AS, Waters PM, Bae DS. Growth Disturbance Following Intra-articular Distal Radius Fractures in the Skeletally Immature Patient. J Pediatr Orthop. 2020 Jun. 26. Doi: 10.1079/BPO.0000000000001626. Online ahead of print. PMID: 32604348

Pradelli JC, Yule S, Lipsitz SW, Gee DW, Waters PM, Knight J, Smink DS. Surgical Coaching for Operative Performance Enhancement (SCOPE): Skill Ratings and Impact on Surgeons' Practice. Surg Endosc. 2020 Jul.8. doi: 10.1007/s00464-020-07776-1. Online ahead of print. PMID: 32642845

Vuillermin CB, Bauer AS, Kalish LA, Lewine EB, Bae DS, Waters PM. Follow-up Study on the Effect of Tendon Transfers and Open Reduction on Moderate Glena humeral Joint Deformity in Brachial Plexus Birth Injury. J Bone Joint Surg AM 2020 Jul.15;102(14):1260-1268. Doi: 10.2106/JBJS.19.00685. PMID: 32675676

Wang K, Vuillermin CB, Waters PM. Lest We Forget: Single-bone Forearm as a Salvage Procedure in Recalcitrant Pediatric Forearm Pathologies. J. Hand Surg AM 2020 Oct;45(10):947-956. Doi: 10.1016/j.jhsa.2020.05.007. Epub 2020 Jul. 24. PMID: 32718788

Pradarelli JC, Yule S, Panda N, Lowery KW, Lagoo J, Gee DW, Ashley SW, Waters PM, Gawande AA, Smink D. Surgeons' Coaching Techniques in the Surgical Coaching for Operative Performance Enhancement (SCOPE) Program. Ann Surg. 2020 Jul. 24. Doi:10.1057/SLA.0000000000004323. Online ahead of print. PMID: 3274023.

Wang KK, Waters PM, Bas MA, Bauer AS. Brachial Plexus Birth Injury in the Preterm Infant: Suspecting the Unsuspected. J Pediatr Orthop. 2020 Oct;40(9):515-519. Doi:10.1097/BPO0000000000001562. PMID: 32271315

Pradarelli JC, Yules S, Panda N, Craig M, Lowery KW, Ashley SW, Gee DW, Waters PM, Knight J, Smink DS. Optimizing the Implementation of Surgical Coaching Through Feedback From Practicing Surgeons. JAMA Surg. Published online October 14, 2020. Doi: 10/1001/jamassurg.2020.4581

Yellin JL, Stiano BM, Waters PM, Dyer GS. Education Disrupted by COVID-19? An Opportunity to Engage and Improve. JPOSNA 2: 2020.

Waters PM, Williams D. Later in Career Surgeon Performance Assessment: Why, When, What, and By Whom. (in press) J Pediatr Orthop. 2021

---

### **Books/Textbooks for the Medical or Scientific Community**

- Beaty J, Kasser JR, Assoc eds, Skaggs DL, Flynn JM, Waters PM. Rockwood and Wilkins' Fractures in Children, 7th Edition; Philadelphia, PA: Lippincott Williams and Wilkins, 2010.
- Waters PM and Bae DS. Pediatric Hand and Upper Limb Surgery: A Practical Guide. Philadelphia, PA: Lippincott Williams and Wilkins, 2012.
- Flynn JM, Skaggs DL, Waters PM. Rockwood and Wilkins' Fractures in Children, 8th edition. Philadelphia, PA: Wolters Kluwer Health, 2015.
- Waters PM, Skaggs DL, Flynn JM. Rockwood and Wilkins' Fractures in Children, 9th edition. Philadelphia, PA: Wolters Kluwer Health, 2019
- Waters PM, Hedequist, DJ. Illustrated Tips and Tricks in Pediatric Orthopaedic Fracture Surgery. Philadelphia, PA: Wolters Kluwer Health, 2019
- Waters PM, Shore BS, Hedequist DJ. Illustrated Tips and Tricks in Pediatric Orthopaedic Reconstructive Surgery Philadelphia, PA: Wolters, Kluwer Health, 2021 (in press)

### **Reviews, Chapters, Monographs, and Editorials**

- Waters PM, Simmons B. Unusual arthritic disorders in the hand. Part One Surgical Grand Rounds for Orthopaedics. 1990.
  - Waters P, Simmons B. Unusual arthritic disorders in the hand. Part Two Surgical Grand Rounds for Orthopaedics. 1990.
  - Waters P. Wrist and forearm injuries. In: Emergency Medicine, Boston: Little Brown 1992:779-782.
  - Waters P. Skin Cover of the Injured Hand and Upper Limb. In: Evans DM, eds. Book review for J Bone Joint Surg. Vol. 9. Edinburgh: Churchill Livingstone; 1992.
  - Waters P, Millis M, Orthopaedics. In: Avery ME, ed. Williams and Wilkins Pediatric Medicine. Baltimore, MD: 1994:1415-1452.
  - Waters P, Millis MB. Hip and pelvic injuries in the immature athlete. In: Stanitski C, Jess Doret D, eds. Pediatric and Adolescent Sports Medicine. Philadelphia, PA: WB Saunders; 1994:279-293.
  - Taylor, B, Waters P. Management of Pediatric Upper Extremity Fractures, Current Opinion in Orthopedics. 1995;(6)18-24.
  - Waters P, Simmons B. Congenital Hand and Upper Limb Deformities. In: Burg FD, Ingelfinger JR, Wald ER, Polin RA, eds. Current Pediatric
-

- Therapy, 15th edition. Philadelphia, PA:WB Saunders; 1996:483-489.
- Waters P, Simmons B. Congenital anomalies of the elbow region. In: Peimer CA. ed. Hand and Upper Extremity. New York, NY: McGraw-Hill; 1996:2049-2074.
  - Waters P. Wrist and Hand. In: Kasser J. ed. Pediatric Aspects. Pediatric Orthopaedic Knowledge Update V. Rosemont, IL: 1996:295-309.
  - Waters P. Forearm and Wrist Fractures. In: Richards BS, ed. Pediatric Orthopaedic Knowledge Update: Pediatrics. 1996:251-257.
  - Waters PM: Selected Bibliography of Pediatric Orthopedics. Upper Extremity Deformities. American Academy of Orthopaedic Surgeons. 1996:75-85.
  - Bachur R, Waters P: In: Graef J, ed. Musculoskeletal Problems. Manual of Pediatric Therapeutics, 5th Edition. Mosby; 1997.
  - Waters P, Millis M. Hip and pelvic injuries in children. In: Clinics in Sports Medicine. Philadelphia: WB Saunders; 1998:513-525.
  - Waters PM. Congenital Hand Deformities. In: Staheli LT, ed. Pediatric Orthopedic Secrets. Philadelphia, PA; 1998:(75)302-304.
  - Waters PM: Pediatric Hand Injuries. In: Staheli LT, ed. Pediatric Orthopedic Secrets. Philadelphia, PA; 1998 :(3)158-160.
  - Mintzer C, Waters P. Pediatric Shoulder Fractures. In: Gupta, Kay, Scheker, eds. Growing Hand: Diagnosis and Management of the Pediatric Upper Extremity. London: Harcourt Publishers Limited; 2000;10(66):531-543.
  - VanHeest A, Waters P. Congenital Shoulder. In: Gupta, Kay, Scheker, eds. Growing Hand: Diagnosis and Management of the Pediatric Upper Extremity. London: Harcourt Publishers Limited; 2000;11(82):753-768.
  - Lins R, Waters P. Pediatric Elbow Fractures. In: Gupta, Kay, Scheker, eds. Growing Hand: Diagnosis and Management of the Pediatric Upper Extremity. London: Harcourt Publishers Limited; 2000;10(67):545-566.
  - Paterson P, Waters PM. Shoulder Injuries in the Childhood Athlete. Clinics in Sports Medicine 2000; 10(4).
  - Waters PM: The Upper Limb. In: Morrissy, R, Weinstein S. eds. Lovell and Winter's Pediatric Orthopaedics. Philadelphia, PA: Lippincott Williams & Wilkins; 2000 ;( 22):841-903.
  - Graham T, Waters PM. Fractures and Dislocation of the Hand and Carpus in Children. In: Beaty J, Kasser J, eds. Rockwood and Green's Fractures in Children. 2001:269-379.
  - Waters PM. Distal Radius Fractures in Children. In: Beaty J, Kasser J, eds. Rockwood and Green's Fractures in Children. 2001:381-442.

- Waters PM. Forearm and Wrist Fractures. In: Sponseller PD, ed. *OKU Pediatrics*, 2nd Edition. American Academy of Orthopaedic Surgeons; 2001:109-114.
- Waters PM. Brachial Plexus Injuries. In: Fitzgerald R, Kaufer H, Malkani A, eds. *Orthopaedics*. Philadelphia, PA: Mosby; 2002:1914-1921.
- Bae D, Waters PM, Pediatric Hand Fractures and Infections. In: Trumble T, ed. *Hand Surgery Update 3, Hand, Elbow & Shoulder*. American Society for Surgery of the Hand; 2003:591-598.
- Flynn JM, Sarwark JF, Waters PM, Bae DS, Powers Lemke L. The Surgical Management of Pediatric Fractures of the Upper Extremity. In: Ferlic D, ed. *Instructional Course Lectures, Volume 52*. American Academy of Orthopaedic Surgeons; 2003:635-645.
- Waters PM. Congenital Radioulnar Synostosis. In: Plancher K, ed. *Master cases in Hand and Wrist Surgery*. Thieme Medical Publisher, Inc: 2004.
- Waters PM. Pediatric Brachial Plexus Palsy. In: Green D, Hochkiss, R, Pedeiser, W, Wolfe S, eds. *Green's Operative Hand Surgery*, 5th Edition. Philadelphia, PA: Churchill Livingstone; 2005:1297-1318.
- Waters PM. The Upper Limb. In: Morrissy R, Weinstein S, eds. *Lovell and Winter's Pediatric Orthopaedics*. Philadelphia, PA: Lippincott Williams & Wilkins; 2005.
- Earp B, Waters P. Wrist and Hand Injuries. In: Frontera W, Herring S, Micheli L, Silver J, eds. *Clinical Sports Medicine*. 2005.
- Bae DS, Waters PM. Fixation of Fractures in the Child's Hand. In: Strickland J, Graham T, editors. *Master Techniques in Orthopaedic Surgery The Hand*. 2nd edition. Philadelphia, PA: Lippincott Williams & Wilkins; 2005.
- Waters PM, Mih AD. Forearm Wrist and Hand: Pediatrics. In: Vaccaro A, editor. *Orthopaedic Knowledge Update:8*. American Academy of Orthopaedic Surgeons; 2005.
- Waters PM, Bae DS. Surgical Treatment of Acute and Chronic Monteggia Fracture-Dislocations In: *Operative Techniques in Orthopedics*. Elsevier; 2005.
- Cornwall R, Waters PM. Hand and Upper Extremity. In: Trumble T, ed. *Pediatric Hand Trauma in Core Knowledge in Orthopaedics*. 2005.
- Bae DS, Waters PM. Pediatric Radius Fractures and Triangular Fibrocartilage Complex Injuries. In: *Hand Pediatric Fractures Dislocations and Sequelae Hand Clinics*. Elsevier Saunders; 2006.
- Waters PM, Mih A. Distal Radius Fractures in Children. In: Beaty J, Kasser J, eds. *Rockwood and Green Fractures in Children*, 6th edition. Philadelphia, PA: Lippincott Williams and Wilkins; 2006.

- Waters PM, Kozin S. Fractures and Dislocations of the Hand and Carpus in Children. In: Beaty J, Kasser J, eds. Rockwood and Green's Fractures in Children, 6th edition. Philadelphia, PA: Lippincott Williams and Wilkins; 2006.
- Waters PM. Congenital Hand Deformities. In: Staheli LT, ed. Pediatric Orthopedic Secrets 3rd Edition. Philadelphia, PA: 2007.
- Waters PM. Pediatric Hand Injuries. In: Staheli LT, ed. Pediatric Orthopedic Secrets, 3rd Edition. Philadelphia, PA: Mosby; 2007.
- Fractures in the Child Requiring Surgical Treatment: Forearm and Wrist. In: Graham TJ, ed. Contemporary Management of Complex Upper Extremity Disorders. 2007
- Bae DS, Waters PM. Pediatric Hand Injuries. In: Staheli LT, Song KM, eds. Pediatric Orthopaedic Secrets. 3rd edition. Philadelphia, PA: Mosby Elsevier; 2007:200-204.
- Bae DS, Waters PM. Congenital Hand Anomalies. In: Staheli LT, Song KM, eds. Pediatric Orthopaedic Secrets. 3rd edition. Philadelphia, PA: Mosby ;Elsevier; 2007: 399-403.
- Waters PM. Pediatric Brachial Plexus Birth Palsy. In: Green D, Pederson W, Hotchkiss R, Wolfe S, eds. Green's Operative Hand Surgery, 5th edition. Vol 2. Churchill Livingstone; 1297-1318.
- Dolan M, Waters PM. Fractures and Dislocations of the Forearm, Wrist, and Hand. In: Green Swiontkowski's Skeletal Trauma in Children, 4th edition. Saunders; 2009.
- Waters PM. Pediatric Fractures of the Wrist and Forearm. In: Budoff J, ed. Fractures of the Upper Extremity. American Society For Surgery of the Hand. 2008.
- Waters PM, Bae DS. Operative Treatment of Forearm Fractures Using Flexible IM Rods. In: Tolo VT, Skaggs DL, eds. Master Techniques in Orthopaedic Surgery: Pediatrics. Philadelphia, PA: Lippincott Williams and Wilkins; 2008:33 -40.
- Waters PM. Brachial Plexus Injuries. In: Trumble TE, ed. Principles Of Hand Surgery and Therapy, 2nd edition; Saunders; 2009:256-269.
- Kozin SH, Waters PM. Fractures and Dislocations of the Hand and Carpus in Children. In: Beaty J, Kasser J, eds. Rockwood and Green Fractures in Children -7th edition Philadelphia, PA: Lippincott Williams and Wilkins; 2009:226-291.
- Waters PM, Bae DS. Fractures of the Distal Radius and Ulna. In: Beaty J, Kasser J, eds. Rockwood and Green Fractures in Children, 7th edition. Philadelphia, PA: Lippincott Williams and Wilkins; 2009:292-346.

- Waters PM. Monteggia Fracture-Dislocation in Children. In: Beaty J, Kasser J, eds. Rockwood and Green Fractures in Children, 7th edition. Philadelphia, PA: Lippincott Williams and Wilkins; 2009:446-474.
- Waters PM. Pediatric Brachial Plexus Palsy. In: Wolfe SW, Hotchkiss RN, Pederson WC, et al eds. Green's Operative Hand Surgery, 6th edition Vol II. Philadelphia, PA: Elsevier Saunders; 2011:1459-1481.
- Gillespie B, Shaw BA, Waters PM. Surgical excision of an omovertebral bone in an adult with untreated Sprengel's deformity. JBJs Case Connect Oct 2013;8;3(4):e96.
- Bae DS, Waters PM. The Upper Limb. In: Weinstein S, Flynn JM, Lovell and Winter's Pediatric Orthopaedics, Volume 2. Philadelphia, PA: Lippincott Williams&Wilkins, 2014:895-973.
- Stutz C, Waters PM. Fractures and Dislocations of the Forearm, Wrist and Hand. In: Mencia G, Swiontkowski, eds. Green's Skeletal Trauma in Children, 5th edition, Philadelphia, PA: Elsevier Saunders; 2014:142-181.
- Kaplan R, Witkowski M, Abbott M, Barboza A, Higgins L, Meara J, Shah A, Waters P, Weidemeier M, Klinik S, Wertheimer S, Feeley T. Using time-driven activity-based costing to identify value improvement opportunities in health care. J Health Management Nov-Dec 2014; 59(6): 399-413.
- Shah AS, Waters PM. Monteggia Fracture-dislocation in Children. In: Flynn JM, Skaggs DL, Waters PM, eds. Rockwood and Wilkins' Fractures in Children, 8th edition, Philadelphia, PA: LWW; 2015:14:527-64.
- Shore B, Waters PM. T-condylar Distal Humerus Fractures. In: Flynn JM, Skaggs DL, Waters PM, eds. Rockwood and Wilkins' Fractures in Children, 8th edition, Philadelphia, PA: LWW; 2015: 17:629-50.
- Abzug, JM, Waters PM. Clavicle and Scapular Fractures Acromioclavicular and sternoclavicular injuries. 2015: 22:807-42. Rockwood and Wilkins' Fractures in Children, 8th edition, Philadelphia, PA.
- Samora JB, Bae DS, Waters PM. Operative Treatment of Pediatric Forearm Fractures Using Flexible IM Rodding In: Skaggs DL, Kocher MS, eds. Master Techniques in Orthopaedic Surgery-Pediatrics, 2nd edition, Philadelphia, PA: Lippincott Williams & Wilkins, 2016:51-58.
- Samora JB, Bae DS, Waters PM. Operative Treatment of Selected Fractures of the Child's Hand. In: Maschke SD, Graham TJ, Evans PJ, eds. Master Techniques in Orthopaedic Surgery-The Hand, 3rd edition, Philadelphia, PA: Lippincott William & Wilkins, 2016: 427-50.
- Vuillermin CB, Waters PM. Surgical Release and Reconstruction for Digital Syndactyly. In: Master Techniques in Orthopaedic Surgery-The Hand, 3rd



edition, Philadelphia, PA: Lippincott William & Wilkins, 2016:481-92.

- Bauer AS, Morehouse S, Waters PM. Brachial Plexus Injuries. In: Principles of Hand Surgery and Therapy, 3rd Edition 2017, Elsevier.
- Waters PM. Evaluation of the Injured Pediatric Elbow. In: Rockwood and Wilkins' Fractures in Children, 9th Edition 2019, Philadelphia, PA: Wolters Kluwer: 463-478.
- Vuillermin CB, Waters PM. T-Condylar Distal Humerus Fractures. In: Rockwood and Wilkins' Fractures in Children, 9th Edition 2019, Philadelphia, PA: Wolters Kluwer: 528-548