

Karl E. Rathjen, M.D.

Editorial Positions

Associate Editor, *Clinical Orthopaedics and Related Research*, 2008 – Present
Consultant Reviewer, *Journal of Pediatric Orthopaedics*, 2009-Present

Books

Rathjen, KE, Birch JB. “Physeal Injuries and Growth Disturbances.” In: Beaty, JH and Kasser, JR (ed); *Fractures in Children, 7th edition*. Philadelphia, Lippincott Williams & Wilkins, (In press).

Saran, N.; Rathjen, KE “Treatment Options for LLD:Epiphysiodesis”: In: Hamdy,R(ed); *Management of Limb-Length Discrepancy*, AAOS Monograph. (In press).

Rathjen, KE “Torsional and angular deformities”, In: Sydor, Anne (ed.); *Rudolph’s Pediatrics, 22nd Edition*, McGraw-Hill, New York, NY, (In press).

Rathjen, KE “Fractures of the Distal Humerus”: In: Scherl, SA (ed); *Operative Management of Pediatric Long-Bone Fractures*, Monograph Series 40. AAOS, 2009, pp 15-32.

Rathjen, KE (contributing author): In: Herring JA (ed); *Tachdjian's Pediatric Orthopedics, 4th edition*. Philadelphia, WB Saunders, 2007.

Rathjen, KE, Birch JB. “Physeal Injuries and Growth Disturbances.” In: Beaty, JH and Kasser, JR (ed); *Fractures in Children, 6th edition*. Philadelphia, Lippincott Williams & Wilkins, 2006, pp 99-131.

Rathjen, KE (contributing author): In: Herring JA (ed); *Tachdjian's Pediatric Orthopedics, 3rd edition*. Philadelphia, WB Saunders, 2001.

Journal Articles

Walick KS, King JT, Johnston CE, Rathjen KE. Neuropathic lower extremity pain following Dunn-McCarthy instrumentation. *Spine*. 2008 Nov 1; 33(23):E877-80.

Richards, Stephens B., S Faulks, KE Rathjen, L Karol, C Johnston, S Jones. A Comparison of Two Nonoperative Methods of Idiopathic Clubfoot Correction: The Ponseti Method and the French Functional (Physiotherapy) Method. *J Bone Joint Surg Am*. 2008 November; 90:2313-2321

Scherl, Susan A., KE Rathjen, J Gerardi, G Kiefer, G Georgopoulos, MS Murphy-Zane, RD Blasler, PL Schoenecker; H. Epps. Opinion Survey Regarding Pediatric Orthopaedic Trauma Call and Emergency Trauma Management. *J Ped Ortho*. 2008 June 28 (4):393-3

- Rathjen, KE, M Wood, A McClung, Z Vest. Clinical and Radiographic Results After Implant Removal in Idiopathic Scoliosis. *Spine*. 2007 Sep. 15;32(20):2184-2188
- Rathjen KE, A Riccio, D De La Garza. Stainless Steel Flexible Intramedullary Fixation of Unstable Femoral Shaft Fractures in Children. *J Ped Orthop*. 2007 Jun.27(4):432-441.
- Zhang D, JA Herring, SS Swaney, TB McClendon, X Gao, RH Browne, KE Rathjen, et al. Mutations responsible for Larsen syndrome cluster in the FLNB protein. *J Med Genet*. 2006 May.43(5): e24.
- Mubarak SJ, S Frick, E Sink, KE Rathjen, KJ Noonan. Volkmann contracture and compartment syndromes after femur fractures in children treated with 90/90 spica casts. *J Ped Orthop*. 2006 Sep-Oct; 26(5):567-72.
- Sanger TD, M R Delgado, D Gaebler-Spira, et al. Classification and Definition of Disorders Causing Hypertonia in Childhood and the Task Force on Childhood Motor Disorders. *Pediatrics*, 2003.111(1):e89-e97.
- S G Krishnan and KE Rathjen. Open Iliac Wing Fracture Caused by Penetrating Injury from a Bicycle Handlebar. *J Orthop Trauma*. 2002.16(4):277-279.
- Mubarak S, A Sanchez, KE Rathjen. Subtalar Staple Arthrodesis for Planovalgus Foot Deformity in Children with Neuromuscular Disease. *J Ped Orthop*.1999(1):34-38.
- Rathjen, KE; and S. Mubarak. Calcaneal-Cuboid-Cuneiform Osteotomies for the Correction of Valgus Foot Deformities in Children. *J Ped Orthop*.1998.18(6):775-782.

Presentations

- Rathjen, K.E.: Instructional Course Lecture on Management of Pediatric Spine Trauma, AAOS 2010 Annual Meeting, New Orleans, LA, March 11, 2010
- Hanson, C.M.; Barkoh, K.; Rathjen, K.E; Functional Outcome of Adolescent Tibia Vara, AAOS 2010 Annual Meeting, New Orleans, LA, March 9-13, 2010
- Rathjen, K.E.: Moderator, Instructional Course Lecture on Pediatric Spine Trauma, AAOS 2009 Annual Meeting, Las Vegas, Nevada, February 25-28, 2009
- Rathjen, K.E.: Pearls and Pitfalls of Guided Growth for Deformity Correction, AAOS 2009 Annual Meeting, Las Vegas, Nevada, February 25-28, 2009
- Scherl, S.A.: Karl E. Rathjen; Joseph A. Gerardi; Gerhard N. Kiefer; Gaia Georopoulos; Margaret Siobhan Murphy-Zane; R. Dale Blasier; Howard R. Epps; Perry L. Schoenecker; Pediatric Orthopaedic Trauma Call and Emergency Fracture Management, AAOS 2009 Annual Meeting, Las Vegas, Nevada, February 25-28, 2009.
- Martus, J.E.: Karl E. Rathjen; Pediatric Cervical Kyphosis: A Comparison Of Arthrodesis Techniques, 15th IMAST, Hong Kong, July 8-11, 2008

Rathjen, K.E.: Pediatric Cervical Kyphosis: A Comparison of Arthrodesis Techniques, ABJS, Jacksonhole, Wyoming, June 15-17, 2008

Rathjen, K.E.: McIntosh, Amy; "The Treatment of Adolescent Blount's Disease with Hemiepiphysieodesis: Risk Factors for Failure" POSNA Annual Meeting, Albuquerque, New Mexico, May 1-2, 2008

Rathjen, K.E.: POSNA Chairman for the Egyptian Orthopaedic Association/EPOS / POSNA Instructional Course at the 59th International Congress of the Egyptian Orthopaedic Association, Cairo, Egypt, November 26-27, 2007.

1. Proximal Femoral Focal Deficiency
2. Clubfoot

Rathjen, K.E.: Results of Smith Peterson Spinal Osteotomies in Children, ABJS, Buenos Ares, Argentina, April 3-7, 2007

Rathjen, K.E.: Megan Wood; Anna McClung; Zachary Vest: Spinal Implant Removal. S.R.S. Annual Meeting, Monterrey, CA, September 12-13, 2006.

Rathjen, K.E.: Clinical and Radiographic Results Following Implant Removal in Idiopathic Scoliosis. 41st Annual Scol Res Soc Mtg, Monterey, California, September 2006

Rathjen, K.E.: Cervical Spine Trauma: Orthopaedic Management for Children. AAOS Pediatric Trauma Course, Rosemont, Illinois, July 14-16, 2006.

Rathjen, K.E.: SBAA Conference, Atlanta, GA, June 26-29, 2006.

1. Lower Extremity Issues in Children with Spina Bifida
2. Ask the Doctor-Orthopaedic

Rathjen, K.E.: anticipant, Task force on Childhood Motor Disorders, Clinical Measurement of Negative Motor Signs in Childhood" Bethesda, M.D., March 4-5, 2006.

Rathjen, K.E.: "Epiphyseolysis for the Treatment of Partial Physeal Arrest," ALRSASAMI NA Annual Meeting, New York, NY, July 18-31, 2005.

Rathjen, K.E.: Participant, Taskforce on Childhood Motor Disorders, "Negative Motor Symptoms in Childhood," Bethesda, MD, March 12-14, 2005.

Rathjen, K.E.: "Physeal Bar Resection", POSNA Specialty Day, Washington, D.C., February 26, 2005.

Rathjen, K.E.: Pediatric Orthopaedic Emergencies," Symposium, AAOS Annual Meeting, Washington, D.C., February 23-27, 2005.

Rathjen, K.E.: Faculty, "Case Presentations, Complications, and Panel Discussions." AAOS Trauma Course, Rosemont, IL, October 22-24, 2004.

- Rathjen, K.E.: Sucato, D.J., Harris, K. "The Effect of Surgical Approach on Early Postoperative Pulmonary Function in the Treatment of Adolescent Idiopathic Scoliosis," 11th IMAST International Conference, Southampton, Bermuda, July 1-3, 2004.
- Rathjen, K.E.: SBAA Conference, Arlington, VA, June 21-22, 2004.
1. Spinal Deformity in Myelomeningocele
 2. Orthopaedic Issues in Adults with Spina Bifida
- Rathjen, K.E.: Co-Chairman: Southwestern Orthopaedic Surgery Review, Dallas, TX; April 16-18, 2004.
1. "Trauma-Pediatric"
 2. "Mineral Metabolism"
 3. "The Art of Preparing for & Taking Written and Oral Examinations"
- Rathjen, K.E.: Skaggs, D.L., Blakemore, L.C. Flynn, J.M., Scherl, S.A., Weismann, D.S.: "Current Trends in Orthopaedic Trauma in Children", *Scientific Exhibit* AAOS Annual Meeting, San Francisco, CA, March 10-14, 2004.
- Rathjen, K.E.: Participant: Task Force on Childhood Motor Disorders Meeting, "Quantification of Hypertonia: State of the Art and Future Directions." Dallas, TX, February 28-March 1, 2004.
- Rathjen, K.E.: "Orthopaedic Considerations in the Child with Spina Bifida." Spina Bifida Association of America Conference, San Antonio, TX, June 22-25, 2003.
- Rathjen, K.E.: Hurt, J.H., Birch, J.G., Wilkes, D., Bruce, R., Mason, R.: "Epiphysiolyse for the Treatment of Partial Physeal Arrest". Pediatric Orthopaedic Society of North America Annual Meeting, Amelia Island, Florida, May 2-4, 2003.
- Rathjen, K.E.: Tassone, J.C.: "Open Reduction of Developmentally Dislocated Hips In Older Children". Pediatric Orthopaedic Society of North America Annual Meeting, Amelia Island, Florida, May 2-4, 2003.
- Rathjen, K.E.: Co-Chairman: Southwestern Orthopaedic Surgery Review, Dallas, TX: April 25-27, 2003.
1. "Pediatric Fractures and Infections"
 2. "The Art & Practice of Preparing for and Taking Written and Oral Exams"
- Rathjen, K.E.: Participant: Task Force on Childhood Motor Disorders Meeting, "Quantitative Assessment of Childhood Hypertonia." Palo Alto, California: January 26-27, 2003.
- Rathjen, K.E.: Tassone, J.C., Karol, L.A., Gangwal, K., Mirabella, K.: "Results of Posterior Medial Release for Treatment of Clubfoot Deformity in Patients with Arthrogyriposis". Pediatric Orthopaedic Society of North America Annual Meeting, Salt Lake City, Utah, May 4, 2002.
- Rathjen, K.E.: Kassab, F.: "Recurrence Rate Following Curettage of Aneurysmal Bone Cysts of the Extremities in Children". *Poster presentation*, Pediatric Orthopaedic Society of North America Annual Meeting, Salt Lake City, Utah, May 3-5, 2002.

- Rathjen, K.E.: Co-Chairman: Southwestern Orthopaedic Surgery Review, Dallas, TX, March 15-17, 2002.
1. "Pediatric Fractures and Infections"
 2. "The Art & Practice of Preparing for and Taking Written and Oral Exams."
- Rathjen, K.E.: "Development Hip Dysplasia." Pediatric and Adolescent Provider Forum Series, Dallas, TX; May 3, 2001.
- Rathjen, K.E.: Participant: Task Force on Childhood Motor Disorders Consensus Report of a Meeting at the National Institutes of Health, Bethesda, MD, April 23, 2001.
- Rathjen, K.E.: Co-Chairman: Southwestern Orthopaedic Surgery Review, Dallas, TX, April 20, 2001.
1. "Pediatric Fractures and Infections"
 2. "The Art & Practice of Preparing for and Taking Written and Oral Exams"
- Rathjen, K.E.: "Scoliosis: Diagnosis and Current Management." Society of Pediatric Nurses, Dallas, TX, April 4, 2001.
- Rathjen, K.E.: McDaniel, M.M., Halliday, S.E., Bering, E.E., Casey, M.T. "Efficacy Of Cervical Orthoses in Restricting Motion in Normal Children." *Poster Presentation*, Pediatric Orthopaedic Society of North America Annual Meeting, Vancouver, British Columbia, Canada; May 1-4, 2000.
- Rathjen, K.E.: De la Garza, D.J.: "Flexible Intramedullary Fixation for Difficult Femoral Fractures." Pediatric Orthopaedic Society of North America Annual Meeting, Vancouver, British Columbia, Canada, May 2, 2000.
- Rathjen, K.E.: "Common Injuries in the Pediatric Athlete." 33rd Annual Kenneth C. Haltalin , Seminar, Dallas, TX, March 23, 2001.
- Rathjen, K.E.: Pediatric Fractures and Infections." Southwestern Orthopaedic Surgery Review, Dallas, TX, March, 2000.
- Rathjen, K.E.: "Pediatric Fractures and Infections." Southwestern Orthopaedic Surgery Review, Dallas, TX, May 14, 1999.
- Rathjen, K.E.: "Scoliosis." Texas Academy of Physician Assistants, Dallas, TX, March 14, 1999.
- Rathjen, K.E.: "Foot Deficiencies." PALS Seminar, Dallas, TX, March 6, 1999.
- Medlock, V.: Rathjen, K.E.; Montgomery, J.B.: "Hip Arthroscopy for the Late Sequelae of Perthes Disease." 18th Annual Meeting of the Arthroscopy Association of North America, Vancouver, BC, Canada, April 1999.
- Rathjen, K.E.: "Principles of Pediatric Orthopaedic Trauma." Children's Medical Center Pediatric Trauma Seminar, Dallas, TX, October 17, 1998.

- Rathjen, K.E.: "Pediatric Fractures and Infections." Southwestern Orthopaedic Surgery Board Review Course, Dallas, TX, May 1998.
- Mubarak, S.: Rathjen, K.E.: "Calcaneal-Cuboid-Cuneiform Osteotomies for the Correction of Valgus Foot Deformities in Children." Annual Meeting of The Association of Bone and Joint Surgeons, Phoenix, AZ, May 1, 1997.
- Rathjen, K.E.: "Common Injuries in the Pediatric Athlete." 29th Annual Kenneth C. Haltalin Seminar, Dallas, TX, April 18, 1997.
- Rathjen, K.E.: Mubarak, S.: "Calcaneal-Cuboid-Cuneiform Osteotomies for the Correction of Valgus Foot Deformities in Children." AAOS Annual Meeting, San Francisco, CA, February 1997.
- Sanchez, A.: Rathjen, K.E.: Mubarak, S.: "Subtalar Staple Arthrodesis in Children with Neuromuscular Diseases." AAOS Annual Meeting, San Francisco, CA., February 1997.
- Rathjen, K.E.: "Congenital Scoliosis and Kyphosis." University of California - San Diego Department of Orthopaedics Grand Rounds, San Diego, CA, May 22, 1996.
- Mubarak, S.: Rathjen, K.E.; "Calcaneal, Cuboid and Cuneiform Osteotomies for the Treatment of Varus and Valgus Foot Deformities in Children." Pediatric Orthopaedic Society of North America Annual Meeting, Phoenix, AZ, May 14, 1996
- Rathjen, K.E.: "Pathologic Fractures in Children and Adolescents." University of California - San Diego Department of Orthopaedics Grand Rounds, San Diego, CA, November 23, 1995.
- Rathjen, K.E.: "Extremity Trauma." Pediatric Trauma Nurse Course, San Diego, CA., September 13, 1995.
- Rathjen, K.E.: "The Accuracy of Routine Vascular Examination in the Detection of Significant Vascular Injuries Associated with Knee Dislocations." American Orthopaedic Association Residents Conference, Atlanta, GA, March 23, 1994.
- Rathjen, K.E.: "Early Results of a Prospective Randomized Study of the Use of Continuous Passive Motion in Primary Total Knee Arthroplasty for Osteoarthritis." American Orthopaedic Association Residents Conference, Atlanta, GA, March 24, 1994.
- Rathjen, K.E.: "Principles of Intramedullary Fixation." AO/ASIF Operating Room Personnel Course, Dallas, TX, September 18, 1993.
- Rathjen, K.E.: "Knee Dislocations." Charles Gregory Lectureship, Dallas, TX, June 4, 1993.