

# Lori A. Karol, M.D.

## Editorial Boards

2001-2007	Reviewer, <i>Journal of the American Academy of Orthopaedic Surgeons</i>
2007-present	Deputy Editor, <i>Journal of the American Academy of Orthopaedic Surgeons</i>
2003-present	Consultant Reviewer, <i>Journal of Bone and Joint Surgery</i>
2004-present	Consultant Reviewer, <i>Journal of Rehabilitation Research and Development</i>
2005-present	Consultant Reviewer, <i>Journal of Pediatric Orthopaedics</i>
2006-present	Consultant Reviewer, <i>Clinical Orthopaedics and Related Research</i>
2008-present	Consultant Reviewer, <i>Journal of Orthopaedic Research</i>
2010-present	Consultant Reviewer, <i>Journal of Children's Orthopaedics</i>

## Visiting Professorships

1990	"Single Pin Fixation in Slipped Capital Femoral Epiphysis: A Biomechanical and Clinical Discussion" presented at Emory University School of Medicine, December 18, 1990, Atlanta, Georgia.
1991	"Single Pin Fixation in Slipped Capital Femoral Epiphysis: A Biomechanical and Clinical Discussion" presented at Vanderbilt University, January 22, 1991, Nashville, Tennessee.
1995	"Elbow Fractures in Children" and "Leg Length Discrepancy" presented at McLaren Regional Medical Center, April 4 - 5, 1995, Flint, Michigan.
2000	Les Journees De Montpellier 2000. February 29 – March 2, 2000, Montpellier, France "Pathologic Gait Analysis" Frederick J. Fischer Memorial Lectureship, April 23, 2001, University of Michigan, Ann Arbor, Michigan.
2001	"Nonoperative Treatment of Clubfeet" and "Open Reductions of the Hip in DDH" Kirklin Ashley Memorial Lectureship, July 23-25, 2001, University of California-Davis Northern California Shriner's Hospital Sacramento, California.
2002	"Gait Analysis In Pediatric Amputees", "The Results of Treatment of Congenital Pseudarthrosis of the Tibia", and "The Use of Gait Analysis in Foot

Abnormalities (Clubfoot)", Les Journees De Montpellier 2002, March 7-8, 2002 Montpellier, France.

- 2002 "Current Trends in the Treatment of Clubfoot" Resident Research Day, June 12, 2002, Wayne State University, Detroit, Michigan.
- 2006 "Current Trends in the Treatment of Clubfoot", "Gait Analysis, What is it and who is it good for?", "Equinovarus", and "Hip Surgery in Patients with Cerebral Palsy", Joseph S. Barr Visiting Professorship, June 6-9, 2006, University of Vermont and Dartmouth University, Burlington Vermont.
- 2009 "Gait Analysis in Pediatric Orthopaedics", "Controversies in Slipped Capital Femoral Epiphysis", "Treatment of DDH from Birth to 2 Years of Age", and "Nonoperative Treatment of Clubfeet" Association Mexicano of Orthopaedica y Traumatologia October 27-30, 2009, Guadalajara, Mexico
- 2010 "Open Reduction in Children with DDH". Leon Root Honorary Lecture in Pediatric Orthopaedics Hospital for Special Surgery October 8, 2010 New York City, New York

## Presentations

1. 1989 **L. Karol**, R. Haut, R. Doane, S. Cornicelli, A. Manoli: "In Situ Pinning of Slipped Capital Femoral Epiphysis: A Biomechanical Analysis After Fixation". Children's Day, Children's Hospital of Michigan, March, 1989. Detroit, Michigan.
2. 1989 **L. Karol**, R. Haut, R. Doane, S. Cornicelli, A. Manoli: "In Situ Pinning of Slipped Capital Femoral Epiphysis: A Biomechanical Analysis After Fixation". Michigan Orthopaedic Society, June 23, 1989. Harbor Springs, Michigan.
3. 1989 **L. Karol**, R. Loder, S. Johnson: "The Effect of Pelvic Osteotomies on Birth Canal Pelvic Size". Herbert E. Pederson Day, October 20, 1989. Detroit, Michigan.
4. 1989 **L. Karol**, R. Doane, R. Haut, S. Cornicelli, A. Manoli: "In Situ Pinning of Slipped Capital Femoral Epiphysis: A Biomechanical Analysis After Fixation." American Academy of Pediatrics, Orthopaedic Section, October 23, 1989. Chicago, Illinois.
5. 1990 **L. Karol**, R. Doane, R. Haut, S. Cornicelli, A. Manoli: "In Situ Pinning of Slipped Capital Femoral Epiphysis: A Biomechanical Analysis After Fixation." American Academy of Orthopaedic Surgeons, February 8, 1990. New Orleans, Louisiana.
6. 1990 **L. Karol**, R. Doane, R. Haut, S. Cornicelli, A. Manoli: "In Situ Pinning of Slipped Capital Femoral Epiphysis: A Biomechanical Analysis After Fixation." American Orthopaedic Association Residents' Meeting, March 14, 1990. Newport Beach, California.

7. 1990 **L. Karol**, R. Loder, S. Johnson: "The Effect of Pelvic Osteotomies on Birth Canal Pelvic Size". American Orthopaedic Association Residents' Meeting, March 14, 1990. Newport Beach, California.
8. 1990 M. Dekutoski, **L. Karol**, D. Aronson, R. Lamont: "Spinal Surgery in Myelodysplasia". Herbert E. Pederson Day, October 26, 1990. Detroit, Michigan.
9. 1991 **L. Karol**, R. Browne, C. Johnston: "The Incidence of Curve Progression in Male Idiopathic Scoliosis". Brandon Carrell Lectureship, May 9, 1991. Dallas, Texas.
10. 1991 M. Dekutoski, **L. Karol**, D. Aronson, R. Lamont: Surgical Treatment of Scoliosis in Myelomeningocele". Pediatric Orthopaedic Society of North America, May 12, 1991. Dallas, Texas.
11. 1991 **L. Karol**, M. Dekutoski, D. Aronson, R. Lamont: Surgical Treatment of Scoliosis in Myelomeningocele". American Academy of Cerebral Palsy & Developmental Medicine, October 10, 1991. Louisville, Kentucky.
12. 1991 **L. Karol**: "Proximal Femoral Focal Deficiency". University of California, Davis Medical Center, Orthopaedic Grand Rounds, October 15, 1991. Sacramento, California.
13. 1991 **L. Karol**: "Orthopaedic Aspects of Cerebral Palsy". University of California, Davis Medical Center, Department of Pediatrics, October 22, 1991. Sacramento, California.
14. 1992 **L. Karol**, R. Browne, C. Johnston: "The Incidence of Curve Progression in Male Idiopathic Scoliosis". American Academy of Orthopaedic Surgeons, February 22, 1992. Washington, D.C.
15. 1992 **L. Karol**: "Natural History of Male Idiopathic Scoliosis". University of California, Davis Medical Center, Orthopaedic Grand Rounds, April 27, 1992. Sacramento, California.
16. 1992 **L. Karol**, R. Browne, C. Johnston: "The Incidence of Curve Progression in Male Idiopathic Scoliosis". Pediatric Orthopaedic Society of North America, May, 1992. Newport, Rhode Island.
17. 1992 **L. Karol**: "Open Fractures in Children". University of California, Davis Medical Center, Orthopaedic Grand Rounds, August 25, 1992. Sacramento, California.
18. 1992 **L. Karol**: "Male Idiopathic Scoliosis". Sutter Hospital Orthopaedic Grand Rounds, September 10, 1992. Sacramento, California.

19. 1992 **L. Karol**: "Developmental Dysplasia of the Hip". University of California, Davis Medical Center, Orthopaedic Grand Rounds, November 10, 1992, Sacramento, California.
20. 1993 **L. Karol**: "Elbow Fractures in Children". University of California, Davis Medical Center, Emergency Medicine Academic Forum, January 26, 1993. Sacramento, California.
21. 1993 **L. Karol**: "Femoral Lengthening". Ilizarov Course sponsored by University of California, Davis, February 25, 1993. Squaw Creek, California.
22. 1993 **L. Karol**: "Common Pediatric Orthopaedic Problems - What's Normal and What's Not". Clinical Problems in Outpatient Pediatrics sponsored by Sutter Community Hospital, March 1993. Sacramento, California.
23. 1993 **L. Karol**: "Evaluation and Management of Acute Knee and Ankle Injuries in Kids". Kids and Sports, sponsored by Sutter Community Hospital, May, 1993. Sacramento, California.
24. 1993 P. Robertson, **L. Karol**: "Open Fractures of the Tibia and Femur in Children". University of California, Davis Medical Center, Alumni Day Program, June 10, 1993. Sacramento, California.
25. 1993 **L. Karol**: "Fracture Management in Children". Tenth Annual "Trauma is Teamwork" Conference, Critical Care Department, University of California, Davis, October, 1993. Sacramento, California.
26. 1993 **L. Karol**: "Orthopaedic Aspects of Cerebral Palsy". University of California, Davis, Department of Physical Medicine and Rehabilitation, October 1993. Sacramento, California.
27. 1994 P. Robertson, **L. Karol**, G. Rab. "Open Fractures of the Lower Extremities in Children." American Orthopaedic Association Residents' Meeting, March, 1994. Atlanta, Georgia.
28. 1994 **L. Karol**. "Sprains and Sports Related Injuries". Pediatric Office Orthopaedics Conference, Texas Scottish Rite Hospital, May 21, 1994. Dallas, Texas.
29. 1994 **L. Karol**, P. Robertson, G. Rab. "Open Fractures of the Lower Extremities in Children." Brandon Carrell Lectureship, Texas Scottish Rite Hospital, June 10, 1994. Dallas, Texas.
30. 1995 **L. Karol**, "Improving Your Results with Slipped Capital Femoral Epiphysis". Instructional Course Lecture, Annual Meeting of the American Academy of Orthopaedic Surgeons, February 20, 1995. Orlando, Florida.

31. 1995 **L. Karol**, C. Johnston, J. Hanway, K. Song, J. Herring, C. Smith, C. Concha. "Gait Analysis and Muscle Strength Testing in Children With Surgically Treated Clubfoot". Pediatric Orthopaedic Society of North America, May 3, 1995. Miami, Florida.
32. 1995 **L. Karol**. "Surgical Treatment of Spinal Deformity in Children with Cerebral Palsy." Annual Meeting of the California Children's Services. May 20, 1995. Sacramento, California.
33. 1995 **L. Karol**, C. Johnston, J. Hanway, K. Song, S. Kolarandath, C. Smith, C. Concha. "Gait Analysis and Muscle Strength Testing in Children with Surgically Treated Clubfoot". North American Gait Conference, June 2, 1995. Waterloo, Ontario, Canada.
34. 1995 **L. Karol**. "Normal Gait." Dallas Orthotics and Prosthetics Course. October 1995. Dallas, Texas.
35. 1996 **L. Karol**. Slipped Capital Femoral Epiphysis: The Basics." Instructional Course Lecture, Annual Meeting of the American Academy of Orthopaedic Surgeons, February 24, 1996. Atlanta, Georgia.
36. 1996 **L. Karol**. "Pediatric Cervical Spine Problems." UTSW Department of Pediatrics Grand Rounds. February 28, 1996. Dallas, Texas.
37. 1996 **L. Karol**. "Common Gait Pathologies." Marge Barre Symposium on Gait Analysis. March 30, 1996. Dallas, Texas.
38. 1996 **L. Karol**, N. Haideri, S. Halliday, B. Smitherman, C. Johnston. "Gait Analysis and Muscle Strength in Children with Healed Congenital Pseudarthrosis of the Tibia." Pediatric Orthopaedic Society of North America. May 15, 1996. Phoenix, Arizona.
39. 1996 J. Sanders, W. Smith, E. Stanley, M. Bueche, **L. Karol**. "Metaphyseal Failure Following Single Screw Fixation for Slipped Capital Femoral Epiphysis - The Problems with the Chronic Unstable Slip." Pediatric Orthopaedic Society of North America. May, 1996. Phoenix, Arizona.
40. 1996 **L. Karol**. "Surgical Treatment of Pediatric Fractures." 16th Annual Congress of National Association of Orthopaedic Nurses. June 4, 1996. Dallas, Texas.
41. 1996 **L. Karol**. "Normal Gait" and "Spinal Deformity Orthoses". Dallas Orthotics and Prosthetics Course. October 24-25, 1996. Dallas, Texas.
42. 1997 **L. Karol**, R Morrissey, G. Rab. "Slipped Capital Femoral Epiphysis: the Basics." Instructional Course Lecture, Annual Meeting of the American Academy of Orthopaedic Surgeons. February 17, 1997. San Francisco, California.

43. 1997 N. Haideri, S. Halliday, **L. Karol**, C. Concha, C. Smith, C. Johnston. "A Model for the Evaluation of Trunk Motion." Meeting of the North American Society for Gait and Clinical Movement Analysis. April 10, 1997. Chicago, Illinois.
44. 1997 S. Halliday, C. Reilley, W. Keezel, **L. Karol**, K. Song. "Relation of Gait Analysis to Radiographic, Static Range of Motion and Strength Evaluation in Slipped Capital Femoral Epiphysis". Meeting of the North American Society for Gait and Clinical Movement Analysis. April 11, 1997. Chicago, Illinois.
45. 1997 M. Concha, **L. Karol**, D. Katz. "Evaluation of Abduction Orthoses with Gait Analysis." Annual Meeting of the Association for Children's Prosthetic and Orthotic Clinics. April 17, 1997. Dallas, Texas.
46. 1998 **L. Karol** "Gait Analysis in Children with Neuromuscular Disease" Carrell Krusen Symposium. February 26, 1998. Dallas, Texas.
47. 1998 **L. Karol**. "Gait Deviations in Children." Science in Family Medicine Symposium. March 6, 1998. Dallas, Texas
48. 1998 **L. Karol**, S. Halliday. "Who Benefits from Rectus Femoris Transfer?" Pediatric Orthopaedic Society of North America. May 8. 1998. Cleveland, Ohio.
49. 1998 **L. Karol**, J. Settecerri. "Effectiveness of Femoral Varus Osteotomy in Cerebral Palsy" Pediatric Orthopaedic Society of North America. May 8, 1998. Cleveland, Ohio.
50. 1999 **L. Karol**. "Gait Analysis in Children with Neuromuscular Disease" Carrell Krusen Symposium. February 24, 1999. Dallas, Texas.
51. 1999 **L. Karol**, S. Halliday, P. Gourineini. "Gait and Function After Hip Arthrodesis" Pediatric Orthopaedic Society of North America. May 17, 1999. Orlando, Florida.
52. 1999 **L. Karol**, E. Sink, J. Herring. "Halo Traction in Pediatric Severe Scoliosis" Pediatric Orthopaedic Society of North America. May 18. 1999. Orlando, Florida.
53. 1999 **L. Karol**. "Normal and Pathologic Gait in Children." Grand Rounds, Department of Physical Medicine and Rehabilitation. July 23, 1999. Dallas, Texas.
54. 1999 **L. Karol**, S. Halliday. "Motion Analysis in the Child with Cerebral Palsy." Team Management of Cerebral Palsy , sponsored by International Society for Prosthetics and Orthotics. November 11, 1999. Dallas, Texas.
55. 2000 **L. Karol**. "Normal and Pathologic Gait in Children." Grand Rounds, Department of Pediatrics. January 26, 2000. Dallas, Texas.

56. 2000 **L. Karol**, D. Konigsberg. "Medial Open Reduction of the Hip in Infants with DDH." Les Journees De Montpellier 2000. March 2, 2000. Montpellier, France.
57. 2000 **L. Karol**. "Lessons I Have Learned from Gait Analysis". Les Journees De Montpellier 2000. February 29, 2000. Montpellier, France.
58. 2000 **L. Karol**. "Gait Disturbances in Children." Texas State Family Practice Association. July 28, 2000. Austin Texas.
59. 2000 **L. Karol**. "Gait Analysis in Children with Cerebral Palsy." Department of Orthopaedics Grand Rounds, John Peter Smith Hospital. September 1, 2000. Fort Worth, Texas.
60. 2000 **L. Karol**. "Efficacy of Bracing in Male Idiopathic Scoliosis." Scoliosis Research Society. October 20, 2000. Cairns, Australia.
61. 2001 **L. Karol**. "The Orthopaedist and the CP Patient." The Child with Cerebral Palsy: A Multidisciplinary Perspective." March 26, 2001. Dallas, Texas.
62. 2001 **L. Karol**. "Efficacy of Bracing in Male Idiopathic Scoliosis." Pediatric Orthopaedic Society of North America. May 3, 2001. Cancun, Mexico.
63. 2001 **L. Karol**, D. Konigsberg, S. Colby and S. O'Brien. "The Results of Medial Open Reduction of the Hip in Infants with DDH". Pediatric Orthopaedic Society of North America. May 3, 2001. Cancun, Mexico.
64. 2001 **L. Karol**. "Developmental Dislocation of the Hip." Department of Orthopaedics Grand Rounds, John Peter Smith Hospital. September 28, 2001. Fort Worth, Texas.
65. 2002 **L. Karol**. "Management of the CP Patient". American Academy of Orthopaedic Surgeons. February 13, 2002. Dallas, Texas.
66. 2002 **L. Karol**. "Equinovarus Foot". In One Day course "Management of the CP Patient". Pediatric Orthopaedic Society of North America. May 2, 2002. Salt Lake City, Utah.
67. 2002 **L. Karol**. "Developmental Dislocation of the Hip." Department of Orthopaedics Grand Rounds, John Peter Smith Hospital. November 11, 2002. Fort Worth, Texas.
68. 2002 **L. Karol**. "Normal and Pathologic Gait." Dallas Orthotics and Prosthetics Course. October 24, 2002. Dallas, Texas
69. 2003 **L. Karol**. "Management of the CP Patient". American Academy of Orthopaedic Surgeons. February 5, 2003. New Orleans, Louisiana.

70. 2003 **L. Karol**, S. O'Brien, S. Mayberry, C. Johnston, B. Richards. "Gait in Patients with Clubfeet: A Comparison of Physical Therapy Versus Surgical Release." Pediatric Orthopaedic Society of North America. May 3, 2003. Amelia Island, Florida.
71. 2003 **L. Karol**, E. Elerson. "Scoliosis in Patients with Charcot Marie Tooth Disease." Scoliosis Research Society. September 12, 2003. Quebec City, Quebec, Canada.
72. 2003 **L. Karol**. "Normal and Pathologic Gait." Dallas Orthotics and Prosthetics Course. October 23, 2003. Dallas, Texas.
73. 2003 **L. Karol**. "Normal and Pathologic Gait." Grand Rounds, Department of Orthopaedic Surgery, John Peter Smith Hospital, October 31, 2003. Fort Worth, Texas.
74. 2003 **L. Karol**. "Footprints." Meeting of the National Association of Mystery Writers. November 8, 2003. Dallas, Texas.
75. 2003 **L. Karol**. "Medial Open Reduction." International Pediatric Orthopaedic Symposium. December, 2003. San Diego, California.
76. 2004 **L. Karol** (moderator), D. Wenger, L. Segal. "Debate: Role of Ossific Nucleus in Closed Reduction of DDH." American Academy of Orthopaedic Surgeons/POSNA Specialty Day. March 13, 2004, San Francisco, California.
77. 2004 B. Wilk, S. Colby, **L. Karol**, C. Johnston. "The Effect of Scoliosis Fusion on Spinal Motion: Comparison of Fused Vs. Unfused Patients". Scoliosis Research Society. September 9, 2004, Buenos Aires, Argentina.
78. 2004 **L. Karol**, H. Chambers. "Debate: Treatment of Hip Dislocation in CP." American Academy of Cerebral Palsy and Developmental Medicine. September 30, 2004, Los Angeles, California.
79. 2004 **L. Karol**. "Normal and Pathologic Gait." Dallas Orthotics and Prosthetics Course. October 23, 2004. Dallas, Texas.
80. 2004 **L. Karol**. "Scoliosis in Patients with Charcot Marie Tooth Disease." Combined Meeting of the English Speaking Orthopaedic Societies. October 27, 2004, Sydney, Australia.
81. 2004 **L. Karol**. "Nonoperative Management of Adolescent Idiopathic Scoliosis.", "Congenital Tibial and Fibular Anomalies", "Management of Cerebral Palsy", International Pediatric Orthopaedic Symposium. December 1-4, 2004. Orlando, Florida.

82. 2005 **L. Karol**. "Open Reduction of the Hip: Surgical Approaches." One Day Course "Developmental Dislocation of the Hip", Pediatric Orthopaedic Society of North America. May 12, 2005, Ottawa, Canada.
83. 2005 R. El Awary, **L. Karol**, K. Jeans, B. Richards, C. Johnston. "Gait Analysis of Children Treated Non-Operatively for Clubfoot: Physical Therapy Versus Ponseti Casting." Pediatric Orthopaedic Society of North America. May 14, 2005, Ottawa, Canada.
84. 2005 D. Popejoy, J. Birch, , K. Emar, **L. Karol**. "Predictive Factors for Contralateral SCFE." Pediatric Orthopaedic Society of North America. May 15, 2005, Ottawa, Canada.
85. 2005 **L. Karol**, R. El Awary, K. Jeans, B. Richards, C. Johnston. "Gait Analysis of Children With Severe Clubfeet: Early Results of Physiotherapy or Ponseti Casting Versus Surgical Release." International Clubfoot Symposium, SICOT meeting. September 5-6, 2005. Istanbul, Turkey.
86. 2005 **L. Karol**. "Normal and Pathologic Gait." Dallas Orthotics and Prosthetics Course. October 20, 2005. Dallas, Texas.
87. 2005 **L. Karol**, C. Johnston, K. Mladenov, P. Walters, P. Schochet. "The Effect of Early Thoracic Fusion on Pulmonary Function in Non-Neuromuscular Scoliosis." Scoliosis Research Society. October 26-30, 2005. Miami, Florida.
88. 2005 **L. Karol**, D. Sucato. "Scoliosis in Duchenne Muscular Dystrophy and Spinal Muscular Atrophy." Scoliosis Research Society. October 26-30, 2005. Miami, Florida.
89. 2005 **L. Karol**. "What to do when Ponseti and French Methods Yield Partial Correction", "Foot and Ankle in Cerebral Palsy", "Principles and Controversies of DDH Management: Birth to 4 Years", International Pediatric Orthopaedic Symposium, Nov. 30-Dec 4, 2005. Orlando, Florida.
90. 2006 **L. Karol**. "Current Concepts in Cerebral Palsy". Instructional Course Lecture, American Academy of Orthopaedic Surgeons. March 8, 2006, Chicago, Illinois.
91. 2006 **L. Karol**. "Pediatric Lower Extremity". Orthopaedic Review Course, American Academy of Orthopaedic Surgeons. March 9, 2006. Chicago, Illinois.
92. 2006 **L. Karol**, R. El-Hawary, K. Jeans. "Gait Analysis in Children Treated Nonoperatively for Clubfoot: Physiotherapy Vs. Ponseti Casting." Joint meeting of the GCMA and ESMAC. September 30, 2006. Amsterdam.
93. 2006 **L. Karol**. "Normal and Pathologic Gait." Dallas Orthotics and Prosthetics Course. October 19, 2006. Dallas, Texas.

94. 2006 **L. Karol.** “Hip Instability in Cerebral Palsy”, “Clubfoot Treatment-Ponseti Technique”, “Clubfoot Treatment-French Physical Therapy Technique”, “Introduction to Brace Management of Adolescent Idiopathic Scoliosis”, and “Cerebral Palsy I and II”. International Pediatric Orthopaedic Symposium, Nov. 29-Dec. 2, 2006. Orlando, Florida.
95. 2007 **L. Karol.** “The Effect of Early Thoracic Fusion on Pulmonary Function in Non-Neuromuscular Scoliosis.” Children’s Hospital of Los Angeles Dept. of Orthopaedics. January 11, 2007.
96. 2007 **L. Karol.** “Clubfoot: Ponseti Treatment”, “Gait Analysis”, “Spina Bifida: Level Specific Treatment.” Combined EPOS-POSNA Course. January 26-27, 2007. Bratislava, Slovakia.
97. 2007 **L. Karol.** “Pediatric Lower Extremity”. Orthopaedic Review Course, American Academy of Orthopaedic Surgeons. February 15, 2007. San Diego, California.
98. 2007 **L. Karol,** C. Chambers, D. Popejoy, and J. Birch. “Nerve Palsy Following Hamstring Lengthening in Patients with Cerebral Palsy. Pediatric Orthopaedic Society of North America. May, 2007, Hollywood, Florida.
99. 2007 **L. Karol.** “Pediatric Lower Extremity”. Orthopaedic Review Course, American Academy of Orthopaedic Surgeons/ American Society for Hand Surgery. July 12, 2007. Chicago, Illinois.
100. 2007 **L. Karol,** R. El-Hawary, K. Jeans, S. Richards. “Gait Analysis of Patients Treated Non-operatively for Clubfoot: Physical Therapy Versus Ponseti Casting.” International Clubfoot Symposium. September 13, 2007. Cedar Rapids, Iowa.
101. 2007 **L. Karol,** S. Richards, S. Faulks. “Ponseti Versus French Physiotherapy for Clubfeet: Which is Better?” International Clubfoot Symposium. September 13, 2007. Cedar Rapids, Iowa.
102. 2007 **L. Karol.** “Brace Treatment for Idiopathic Scoliosis- an Update”, “Gait Analysis in Children with Cerebral Palsy”, “Essentials of Pediatric Orthopaedics-Lower Extremity”, “Developmental Dysplasia of the Hip-Case Presentations.” International Pediatric Orthopaedic Symposium, Nov. 28-30, 2007. Orlando, Florida.
103. 2008 **L. Karol.** “Surgical Management of Common Deformities of the Hip” and “Surgical Management of Common Deformities of the Foot and Ankle in Cerebral Palsy”. Instructional Course Lecture. American Academy of Orthopaedic Surgeons. March 7, 2008. San Francisco, California.
104. 2008 **L. Karol.** “Pediatric Lower Extremity”. Orthopaedic Review Course, American Academy of Orthopaedic Surgeons. March 8, 2008. San Francisco, California.

105. 2008 **L. Karol**. "Open Reduction of the Hip in Infants." Pediatric Orthopaedic Society of North America. May 1, 2008. Albuquerque, New Mexico.
106. 2008 **L. Karol**. "Pediatric Lower Extremity". Orthopaedic Review Course, American Academy of Orthopaedic Surgeons/ American Society for Hand Surgery. July 10, 2008. Chicago, Illinois.
107. 2008 **L. Karol**, J. Meier, K. Jeans. "Correlation of Radiographs to Pedobarographs in Nonoperatively Treated Idiopathic Clubfeet.". International Clubfoot Symposium. August 26, 2008. Hong Kong.
108. 2008 **L. Karol**, R. ElHawary, K. Jeans. "Gait Analysis of Children Treated Nonoperatively for Clubfoot: Physical Therapy Versus Ponseti Casting." ". International Clubfoot Symposium. August 27, 2008. Hong Kong.
109. 2008 **L. Karol**. " Pediatric Foot Deformities." Childrens Medical Center Pediatric Grand Rounds. September 24, 2008. Dallas, Texas.
110. 2008 **L. Karol**. "Early Nonoperative Treatment of DDH", "The Limping Child", and "Pediatric Foot Deformities". International Pediatric Orthopaedic Symposium, December 3-4, 2008. Orlando, Florida.
111. 2009 **L. Karol**. "Pediatric Lower Extremity". ". Orthopaedic Review Course, American Academy of Orthopaedic Surgeons. February 27, 2009. Las Vegas, Nevada.
112. 2009 **L. Karol**. "Lengthening for Stature in Achondroplasia is Not of Functional Benefit." POSNA Specialty Day. American Academy of Orthopaedic Surgeons. February 28, 2009. Las Vegas, Nevada.
113. 2009 **L. Karol**. "Orthopaedic Management of Cerebral Palsy." John Peter Smith Orthopaedic Dept. Grand Rounds. March 25, 2009. Fort Worth, Texas.
114. 2009 **L. Karol**. "The Limping Child." American Academy of Physician's Assistants Musculoskeletal Galaxy. March 26, 2009. Fort Worth, Texas.
115. 2009 **L. Karol**, R. ElHawary, K. Jeans. "Gait Analysis After Initial Nonoperative Treatment for Clubfeet: Intermediate Followup at Age 5 Years." Pediatric Orthopaedic Society of North America. May 1, 2009. Boston, Massachusetts.
116. 2009 **L. Karol**, K. Jeans, K. Kaipus. "Comparison Between Gait Analysis and Gross Motor Function in Children with Clubfeet." International Pediatric Orthopaedic Think Tank. October 16, 2009. Hong Kong.

117. 2009 **L. Karol**, D. Thawrani, A. DeLaRocha. "General Health in Young Adulthood Following SCFE." International Pediatric Orthopaedic Think Tank. October 15, 2009. Hong Kong
118. 2009 **L. Karol**. "Medial Open Reduction in DDH" and "Pediatric Hip Conditions". International Pediatric Orthopaedic Symposium, December 2-4, 2009. Orlando, Florida
119. 2010 **L. Karol**. "Pediatric Lower Extremity". Orthopaedic Review Course, American Academy of Orthopaedic Surgeons. March 12, 2010. New Orleans, Louisiana.
120. 2010 **L. Karol**, K. Jeans. "Energy Expenditure During Over Ground Walking in Pediatric Amputees." Pediatric Orthopaedic Society of North America. May 7, 2010. Kona, Hawaii.
121. 2010 **L. Karol**, J. Birch. "Management of Limb Length Discrepancy". Pediatric Orthopaedic Practitioner Society. May 7, 2010. Kona, Hawaii.
122. 2010 **L. Karol**. "Ponseti Versus French Method." Advanced Ponseti Treatment for Clubfoot Meeting. September 2, 2010. Baltimore, Maryland.
123. 2010 **L. Karol**. "Gait Analysis in Clubfoot." Advanced Ponseti Treatment for Clubfoot Meeting. September 2, 2010. Baltimore, Maryland.
124. 2010 **L. Karol**. "Gait Analysis in Clubfoot." International Pediatric Orthopaedic Think Tank. September 11, 2010. Stockholm, Sweden.

## Posters

1. 1990 R. Haut, R. Doane, **L. Karol**, A. Manoli: "In Situ Pinning of Slipped Capital Femoral Epiphysis: A Biomechanical Analysis After Fixation". Orthopaedic Research Society, February 5, 1990. New Orleans, Louisiana.
2. 1990 R. Loder, **L. Karol**, S. Johnson: "The Effect of Pelvic Osteotomies on Birth Canal Pelvic Size". Michigan Orthopaedic Society, June 23, 1990. Mackinac Island, Michigan.
3. 1990 R. Loder, **L. Karol**, S. Johnson: "The Effect of Pelvic Osteotomies on Birth Canal Pelvic Size". Pediatric Orthopaedic Society of North America, September 5, 1990. Montreal, Canada.
4. 1991 L. Kibiloski, R. Loder, **L. Karol**, R. Doane, R. Haut: "Single Versus Double Pin Fixation in Slipped Capital Femoral Epiphysis Under Physiologic Loading Conditions". American Academy of Orthopaedic Surgeons, March 7, 1991. Anaheim, California.

5. 1992 M. Dekutoski, D. Aronson, **L. Karol**, R. Lamont: "Surgical Management of Scoliosis in Children with Myelomeningocele". American Academy of Orthopaedic Surgeons, February 23, 1992. Washington, D.C.
6. 1996 N. Haideri, **L. Karol**, S. Halliday, C. Johnston: "Gait Analysis and Muscle Strength in Children with Healed Congenital Pseudarthrosis of the Tibia." First Annual Meeting of the North American Society for Gait and Clinical Movement Analysis, April 15, 1996. Birmingham, Alabama.
7. 1998 S. Halliday, **L. Karol**. "Who Benefits from Rectus Femoris Transfer?" North American Society for Gait and Clinical Movement Analysis, April, 1998. San Diego, California.
8. 2002 K. Tulchin, **L. Karol**. "Results from Posterior Tibialis Tendon Transfer in Charcot-Marie-Tooth Disease". North American Society for Gait and Clinical Movement Analysis, April 19, 2002. Chatanooga, Tennessee.
9. 2002 K. Jeans, **L. Karol**. "Valgus Osteotomy for Femoral Head Osteonecrosis". North American Society for Gait and Clinical Movement Analysis, April 19, 2002. Chattanooga, Tennessee
10. 2002 S. O'Brien, **L. Karol**. "Gait Analysis and Muscle Strength Following Surgery for Calcaneus Gait". North American Society for Gait and Clinical Movement Analysis, April 18, 2002. Chattanooga, Tennessee
11. 2003 P. O'Neill, P. Sponseller, M. Shindle, **L. Karol**, D. Katz, K Brintzenhofe-Szoc, E. Elerson, K. Farmer. "Decreased Bracing Effectiveness in Overweight Patients with Adolescent Idiopathic Scoliosis." Pediatric Orthopaedic Society of North America. May 2, 2003. Amelia Island, Florida.
12. 2003 D. Popejoy, **L. Karol**, K. Jeans, B. Wilk. "Outcome Following Derotational Osteotomy in Ambulatory Patients with Cerebral Palsy by Gait Analysis". Pediatric Orthopaedic Society of North America. May 2, 2003. Amelia Island, Florida.
13. 2005 T. Milbrandt, **L. Karol**. "Scoliosis and Friedreich's Ataxia: A Review of a 50 Year Experience at One Institution." IMAST. July 7-9, 2005. Banff, Canada.
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