

# David Alexander Podeszwa, M.D.

## Invited Lectureship

The 4<sup>th</sup> Instructional Course in Pediatric Orthopaedics, Western Galilee Hospital, Nahariya, Israel, August 27, 2009.

## Teaching

“Pediatric Orthopaedic In-Training Review” Wayne State University Orthopaedic Surgery Grand Rounds, October 2001.

“Skeletal Dysplasias and Orthopaedic Related Syndromes” Wayne State University Orthopaedic Surgery Department Grand Rounds, November 2001.

“Introduction to Pediatric Orthopaedic Surgery” Wayne State University School of Medicine Lecture, February 2002.

“Hip Impingement - A Poorly Understood Cause of Hip Pain” Wayne State University Orthopaedic Surgery Grand Rounds, August 2002.

“Common Pediatric Foot Disorders” Wayne State University Orthopaedic Surgery Grand Rounds, October 2002.

“Introduction to Pediatric Orthopaedic Surgery” Wayne State University School of Medicine Lecture, December 2002.

“Pediatric Fractures about the Shoulder” Wayne State University School of Medicine Department of Orthopaedic Surgery Grand Rounds, February 2003.

“Evaluation of Leg Length Discrepancy” Wayne State University School of Medicine Department of Orthopaedic Surgery Grand Rounds, March 2003.

“Common Orthopaedic Problems in the First Two Years of Life” Department of Pediatrics, Children's Medical Center of Dallas, November 2004.

“Pediatric Hip Problems” University of Texas Southwestern Department of Orthopaedic Surgery, February 2005.

“Surgical Dislocation of the Hip” Texas Scottish Rite Hospital for Children, April 2006

“Developmental Dislocation of the Hip” University of Texas Southwestern Department of Orthopaedic Surgery, February 2007.

“Surgical Dislocation of the Hip” Texas Scottish Rite Hospital for Children, April 2007.

“Common Pediatric Foot Disorders” University of Texas Southwestern Department of Orthopaedic Surgery, September 2007.

“Surgical Dislocation of the Hip” Texas Scottish Rite Hospital for Children, February 2008.

**Table Instructor** – AO Basic Principles and Techniques of Operative Fracture Management Course for Residents, Houston, TX, February 2008.

**Table Instructor** – AO Basic Principles and Techniques of Operative Fracture Management Course for Residents, Seattle, WA, August 2008.

“Common Pediatric Foot Disorders” University of Texas Southwestern Department of Orthopaedic Surgery, September 2008.

“Common Orthopaedic Problems in the First Two Years of Life” Department of Pediatrics, Children's Medical Center of Dallas, September 2008.

“Surgical Dislocation of the Hip” Texas Scottish Rite Hospital for Children, February 2009.

**Instructor** - Pediatric, Adolescent and Young Adult Hip Skills Lab. American Academy of Orthopaedic Surgeons Annual Meeting, Las Vegas, NV, February 2009.

## Publications

Skie M.C, Ebraheim N.A, Hannum S.Q, **Podeszwa DA**. Anatomic Considerations for the Placement of Distraction Pins in the Talus. *Foot and Ankle* 15 (4): 221-222, 1994.

Ebraheim N.A, **Podeszwa DA**, Skie M.C, Jackson W.T. Evaluation of Processes Fractures of the Talus Using Computed Tomography. *Journal of Orthopaedic Trauma* 8(4): 332-337, 1994.

Ebraheim NA, Skie MC, **Podeszwa DA**. Medial Subtalar Dislocation Associated with Fracture of the Posterior Process of the Talus: A Case Report. *Clinical Orthopaedics and Related Research* 303: 226-229, 1994.

Rupp R.E, Ebraheim N.A, **Podeszwa DA**. Posterolateral Approach to the Tibia: Risk to Neurovascular Structures based on the Level of Approach. *Contemporary Orthopaedics* 30 (1): 59-62, 1994.

Rupp R.E, **Podeszwa DA**, Ebraheim NA. Danger zones associated with fibular osteotomy. *Journal of Orthopaedic Trauma* 8(1):54-58, 1994.

Skie M.C, Ebrahiem NA, **Podeszwa DA**, Hannum S.Q, Jackson W.T. Infection Following Acetabular and Pelvic Fractures. *Orthopedics* 19 (1): 68-72, 1996.

Rabin S.T, Humphreys C, **Podeszwa DA**. Use of the Cobra Plate in Severely Comminuted Intercondylar Supracondylar Distal Femur Fractures. *Loyola University Chicago Orthopaedic Journal* 6: 32-37, 1997.

**Podeszwa DA**, Stanitski C.L, Stanitski D.F, Woo R, Mendelow M.M. The Effect of Pediatric Orthopaedic Experience on the Interobserver and Intraobserver Reliability of the Herring Lateral Pillar Classification. *J Pediatr Orthop* 20:562-565, 2000.

Zmurko M.G, Mooney J.F III, **Podeszwa DA**, Minster G.J, Mendelow M.J, Guirgues A: Inter- and intraobserver variance of Cobb angle measurements with digital radiographs. *Journal of Orthopaedic Surgical Advances*; 12:208-213 2003.

Leunig M, **Podeszwa DA**, Ganz R. Magnetic Resonance Arthrography of the Labral Disorders in Hips with Dysplasia Impingement. *Clinical Orthopaedics and Related Research* 1:74-80, 2004.

**Podeszwa DA**, Mooney J.F III, Cramer K.E, Mendelow M.J. Comparison of Pavlik Harness Treatment and Immediate Spica Casting for Femur Fractures in Children. *J Pediatr Orthop* 24: 460-462, 2004.

Charlton M, Costello R, Mooney J.F III, **Podeszwa DA**. Ankle Joint Biomechanics Following Transepiphyseal Screw Fixation of the Distal Tibia. *J Pediatr Orthops* 25: 635-640, 2005.

**Podeszwa DA**, Stanko K.J, Mooney J.F. III, Cramer K.E, Mendelow M.J. An Analysis of the Functional Health of Obese Children and Adolescents Utilizing the PODC Instrument. *J Pediatr Orthop* 29: 140-143, 2005.

Eijer H, **Podeszwa DA**, Ganz R, Leunig M. Evaluation and treatment of young adults with femoro-acetabular impingement secondary to Perthes disease. *Hip Int* 16:273-80, 2006.

**Podeszwa DA**, Wilson PL, Holland AR, Copley LAB. Bioabsorbable vs. Metallic Fixation for Epiphyseal Fractures of the Distal Tibia. *J Pediatr Orthop* 28:859-63, 2008.

Chan DS, **Podeszwa DA**, Brown D, Starr AJ. Expanding Pediatric Orthopaedic Trauma Volume at a Pediatric Level 1 Trauma Hospital. *J Pediatr Orthop* 29:612-17, 2009.

Oetgen ME, Adolfsen SE, **Podeszwa DA**. Management of Femur Fractures in Children Ages 6 to 12 Years Old. *Techniques in Orthopaedics* 24(3):196-202, 2009

## Published Abstracts

**Podeszwa DA**, Owyang C, Louie D. Characterization of Muscarinic Receptor Subtypes and Intracellular Messenger Coupling from the 266 Transgenic Acinar Cell Line. *Gastroenterology* 100: 837, 1991.

Rabin S.T, Humphreys C, **Podeszwa DA**. Use of Cobra Plate in Severely Comminuted Intercondylar Supracondylar Distal Femur Fractures. *Orthop Trans* 22: 408, 1998-99.

## National/International Presentations

"Characterization of Muscarinic Receptor Subtypes and Intracellular Messenger Coupling from the 266 Transgenic Mouse Acinar Cell Line" **Podeszwa DA**, Owyang C, Louie D. American Gastroenterological Association Annual Meeting, New Orleans, Louisiana - May 1991.

"Use of Cobra Plate in Severely Comminuted Intercondylar Supracondylar Distal Femur Fractures" Rabin S.T, Humphreys C, **Podeszwa DA**. American Fracture Association 59th Annual Meeting, San Diego, California - April 1997.

- “Transulnar Pinning of Distal Radius Fractures: A Biomechanical Evaluation and Long Term Clinical Results” **Podeszwa DA**, Minster G.J, DeSilva S.P American Association for Hand Surgery Annual Meeting, Waikoloa, Hawaii – January 1999.
- "Sural Artery Flap Coverage for Complex Wounds of the Distal Leg and Foot" **Podeszwa DA**, DeSilva S.P. Mid-America Orthopaedic Association Annual Meeting, South Hampton, Bermuda, April 1999.
- "The Effect of Pediatric Orthopaedic Experience on Interobserver Intraobserver Reliability of the Herring Lateral Pillar Classification of Perthes Disease" **Podeszwa DA**, Stanitski C.L, Stanitski D.F, Woo R, Mendelow M.J. Mid-America Orthopaedic Association Annual Meeting, South Hampton, Bermuda, April 1999.
- “Gait Analysis Following Proximal Femoral Valgus Osteotomy for Femoral Head Osteonecrosis” **Podeszwa DA**, Karol L.A, Johnston C.E II, Talwalkar V.R, Mirabella K. American Academy of Orthopaedic Surgeons Annual Meeting, Dallas, TX, February 2002.
- “Gait Analysis Following Proximal Femoral Valgus Osteotomy for Femoral Head Osteonecrosis” **Podeszwa DA**, Karol L.A, Johnston C.E II, Talwalkar V.R, Mirabella K. Pediatric Orthopaedic Society of North America Annual Meeting, Salt Lake City, Utah, May 2002.
- “MR Arthrography of the Labrum: Differences in Acetabular Rim Pathologies in Developmental Dysplasia and Femoro-Acetabular Impingement” Leunig M, **Podeszwa DA**, Ganz R. Brandon Carrell Visiting Professorship, Dallas, TX, June 2002.
- “Pedicule Screw Fixation Idiopathic Scoliosis: Does it Save Lumbar Motion Segments when Compared to Hooks?” **Podeszwa DA**. Scoliosis Research Society, Seattle, WA, September 2002.
- “Comparison of Pavlik Harness Treatment and Immediate Spica Casting for Femur Fractures in Children” **Podeszwa DA**, Mooney J.F III, Cramer KE, Mendelow MJ. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA, February 2003.
- "Sural Artery Flap Coverage for Complex Wounds of the Distal Leg and Foot in the Pediatric Patient" **Podeszwa DA**, DeSilva S.P. Pediatric Orthopaedic Society of North America Annual Meeting, Amelia Island, FL, May 2003.
- “Evaluation of Early Experience with Flexible Intramedullary Rodding of Pediatric Tibial Shaft Fractures” **Podeszwa DA**, Mooney J.F III, Baldwin M. Brandon Carrell Visiting Professorship, Dallas, TX, May 2004.
- “An Analysis of the Functional Health of Obese Children and Adolescents” **Podeszwa DA**, Stanko K, Mooney J.F III, Cramer K.E, and Mendelow M.J. The American Academy of Pediatrics, National Conference and Exhibition, San Francisco, CA, October 2004.
- “Flexible IM nailing of pediatric tibia fractures” **Podeszwa DA**, Mooney J.F III, Baldwin M. 18<sup>th</sup> Annual David Grice Lecture and Alumni Symposium, Harvard Medical School, Children’s Hospital, Boston MA, November 2004.

- “Ankle joint biomechanics following transepiphyseal screw fixation of the distal tibia” Charlton M, Costello R, Mooney J.F III, **Podeszwa DA**. SOMOS 2004 Meeting Vail, CO, December 2004.
- “Slipped Capital Femoral Epiphysis” **Podeszwa DA**. Pediatric Orthopaedic Emergencies Symposium, American Academy of Orthopaedic Surgeons Annual Meeting, Washington, D.C., February 2005.
- “Ankle joint contact pressures after transepiphyseal screw fixation of the distal tibia” Mooney J.F III, Charlton M, Costello R, **Podeszwa DA**. European Pediatric Orthopaedic Society 2005 Meeting. Palma de Mallorca, Spain, May 2005.
- “Pediatric Supracondylar Humerus Fractures” **Podeszwa DA**. Elbow Trauma Symposium, Mid-America Orthopaedic Association Annual Meeting, Amelia Island, FL, April 2005.
- “Correlation of MRI Arthrogram Findings with Operative Results in Pediatric Hip Conditions” Riccio A, Sucato DJ, Dempsey M, Seymour M, **Podeszwa DA**. Pediatric Orthopaedic Society of North America Annual Meeting, San Diego, CA, May 2006.
- “Surgical dislocation with open reduction and internal fixation for unstable slipped capital femoral epiphysis: early promising results” Sucato DJ, **Podeszwa DA**. Pediatric Orthopaedic Society of North America Annual Meeting, Hollywood, FL, May 2007.
- “Bioabsorbable vs. metallic fixation for epiphyseal fractures of the distal tibia” **Podeszwa DA**, Wilson PL, Holland AR, Copley LAB. Pediatric Orthopaedic Society of North America Annual Meeting, Hollywood, FL, May 2007.
- “Expanding Pediatric Orthopaedic Trauma Volume at a Pediatric Level 1 Trauma Hospital.” Chan DS, **Podeszwa DA**, Brown D, Starr A. Orthopaedic Trauma Association 23<sup>rd</sup> Annual Meeting, Boston, MA, October 2007.
- “Surgical dislocation with open reduction and internal fixation for unstable slipped capital femoral epiphysis: early promising results.” Sucato DJ, **Podeszwa DA**. American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, CA, March 2008.
- “Expanding Pediatric Orthopaedic Trauma Volume at a Pediatric Level 1 Trauma Hospital.” Chan DS, **Podeszwa DA**, Brown D, Starr A. Pediatric Orthopaedic Society of North America Annual Meeting, Albuquerque, NM, May 2008.
- “Surgical dislocation with open reduction and internal fixation for unstable slipped capital femoral epiphysis: early promising results.” Sucato DJ, **Podeszwa DA**. The Combined Meeting of the American Orthopaedic Association and Canadian Orthopaedic Association, Quebec City, QC, June 2008.
- “Increase in Child Abuse Volume and Mortality at a Pediatric Trauma Center After a Natural Disaster.” Hanson CM, Sabella J, **Podeszwa DA**. American Academy of Orthopaedic Surgeons Annual Meeting, Las Vegas, NV, February 2009.

- “A Positive Impingement Sign Identifies Labral Pathology in Adolescent Hip Dysplasia.” Sucato DJ, **Podeszwa DA**, Hernandez A. American Academy of Orthopaedic Surgeons Annual Meeting, Las Vegas, NV, February 2009.
- “Acute Complications of Ganz (Bernese) Periacetabular Osteotomy for Adolescent Hip Dysplasia.” Sucato DJ, Thawrani D, **Podeszwa DA**, Hernandez A. American Academy of Orthopaedic Surgeons Annual Meeting, Las Vegas, NV, February 2009.
- “Reoperations Following the Ganz Periacetabular Osteotomy for Adolescent Hip Dysplasia.” Thawrani D, Sucato DJ, Hernandez A, **Podeszwa DA**. Pediatric Orthopaedic Society of North America Annual Meeting, Boston, MA, April 2009.
- “Increase in Child Abuse Volume and Mortality at a Pediatric Trauma Center After a Natural Disaster.” **Podeszwa DA**, Hanson CM, Sabella J. Pediatric Orthopaedic Society of North America Annual Meeting, Boston, MA, April 2009.
- “Reconstruction of Severe Hip Dysplasia in Ambulatory Cerebral Palsy by Ganz Periacetabular Osteotomy With or Without Proximal Femoral Valgus Osteotomy. Sucato DJ, Thawrani D, Hernandez A, **Podeszwa DA**. Pediatric Orthopaedic Society of North America Annual Meeting, Boston, MA, April 2009.
- “The Natural History of the Untreated Hip in Legg-Calve-Perthes Disease.” **Podeszwa DA**. Pediatric Orthopaedic Society of North America Annual Meeting Hip Symposium, Boston, MA, April 2009.
- “Surgical Dislocation of the Hip in the Adolescent Patient.” **Podeszwa DA**. The 4<sup>th</sup> Instructional Course in Pediatric Orthopaedics, Western Galilee Hospital, Nahariya, Israel, August 27, 2009.
- “Open Surgical Treatment for Unstable Slipped Capital Femoral Epiphysis.” **Podeszwa DA**. The 4<sup>th</sup> Instructional Course in Pediatric Orthopaedics, Western Galilee Hospital, Nahariya, Israel, August 27, 2009.
- “Hip Preservation in the Adolescent and Young Adult with Hip Dysplasia.” **Podeszwa DA**. The 4<sup>th</sup> Instructional Course in Pediatric Orthopaedics, Western Galilee Hospital, Nahariya, Israel, August 27, 2009.

## Regional

- "Wrist Fusion Using AO Plate Fixation in Patients with Severe Neurologic Deficits" **Podeszwa DA**, DeSilva S.P. Michigan Orthopaedic Society Annual Meeting, Harbor Springs, Michigan - June 1997.
- "Sural Artery Flap Coverage for Complex Wounds of the Distal Leg and Foot" **Podeszwa DA**. DeSilva S.P. Michigan Orthopaedic Society Annual Meeting, Mackinac Island, Michigan, June 1998.
- “Pediatric Lumbar/Thoracic Spine Injuries” **Podeszwa DA**. Multidisciplinary Trauma Lecture, Children’s Hospital of Michigan, Detroit, Michigan, October 2001.

- “Skeletal Dysplasias and Orthopaedic Related Syndromes” **Podeszwa DA.** Wayne State University Orthopaedic Surgery Department Grand Rounds, November 2001.
- “Pediatric Ankle Fractures” **Podeszwa DA.** Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Educational Conference, March 2002.
- “Common Orthopaedic Problems in the First Two Years of Life” **Podeszwa DA.** Huron Valley-Sinai Hospital Department of Pediatrics, November 2002.
- “Adolescent Idiopathic Scoliosis” **Podeszwa DA.** Rehabilitation Institute of Detroit Lecture, December 2002.
- “Fractures of the Shoulder Region” **Podeszwa DA.** Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Educational Day Conference, Michigan State University Management Center, Troy, MI, December 2002.
- “Leg Length Discrepancy” **Podeszwa DA.** Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Educational Day Conference, Michigan State University Management Center, Troy, MI, March 2003.
- “Fractures about the Knee” **Podeszwa DA.** Michigan State University College of Osteopathic Medicine Orthopaedic Surgery Educational Day Conference, Michigan State University Management Center, Troy, MI, December 2003.
- “Expanding Pediatric Orthopaedic Trauma Volume at a Pediatric Level 1 Trauma Hospital” **Podeszwa DA.** Children’s Medical Center Dallas Trauma Grand Rounds, March 2008.
- “Common Hip and Lower Extremity Problems in Children and Adolescents” **Podeszwa DA.** Texas Pediatric Society Annual Meeting, Plano, TX, September 2009.

## Poster Presentations

- “Flexor Digitorum Superficialis Redundo: An Anomalous Muscle Presenting as a Palmar Mass and Carpal Tunnel Syndrome in a Young Girl – A Case Report.” **Podeszwa DA,** DeSilva S.P, Raba R. Michigan Orthopaedic Society Annual Meeting, Traverse City, Michigan - June 1999.
- “Gait Analysis Following Proximal Femoral Valgus Osteotomy for Femoral Head Osteonecrosis” Mirabella K, **Podeszwa DA,** Karol L.A, Johnston C.E II, Talwalkar V.R, Gait and Clinical Movement Analyses Society 7<sup>th</sup> Annual Meeting, Chattanooga, TN, April 2002.
- “Pedicule Screw Fixation Idiopathic Scoliosis: Does it Save Lumbar Motion Segments when Compared to Hooks?” **Podeszwa DA,** Sucato DJ. International Meeting on Advanced Spine Techniques, Montreux, Switzerland, May 2002.
- “Ankle Joint Contact Pressures Following Transepiphyseal Screw Fixation of the Distal Tibia” Charlton M, Costello R, **Podeszwa DA,** Mooney J.F III, American Academy of Orthopaedic Surgeons Annual Meeting, Washington, D.C., February 2005.

“Reliability of Measuring Anterior and Lateral Coverage of the Acetabulum in the Skeletally Immature” **Podeszwa DA**, Hasley B, Sucato DJ, American Academy of Orthopaedic Surgeons Annual Meeting, San Diego, CA, February 2007.

“Bioabsorbable vs. Metallic Fixation for Epiphyseal Fractures of the Distal Tibia” **Podeszwa DA**, Wilson PL, Holland AR, Copley LAB. Orthopaedic Trauma Association 23<sup>rd</sup> Annual Meeting, Boston, MA, October 2007.

“Acetabular Protrusio Associated with Slipped Capital Femoral Epiphysis.” Gurd DP, **Podeszwa DA**, Riccio A, Sucato DJ. American Academy of Orthopaedic Surgeons Annual Meeting, Las Vegas, NV, February 2009.

“A Positive Impingement Sign Identifies Labral Pathology and Assists in Planning Surgical and Imaging Protocols for Adolescent Hip Disease.” Sucato DJ, **Podeszwa DA**, Hernandez A. Pediatric Orthopaedic Society of North America Annual Meeting, Boston, MA, April 2009.