

2012 International Clubfoot Symposium

Wednesday, October 3, 2012

Schedule subject to change

Training Course

- 8:00 Introductions
- 8:10 Scientific Basis of Clubfoot Treatment
- 8:40 Manipulation and Casting
- 9:00 Tenotomy: Indications and Procedure
- 9:20 Technical Notes
- 9:40 Bracing Principles and Protocol
- 10:00 Patient Casting Session and Case Presentation
- 12:00 Lunch
- 1:15 Recognition and Management of Relapses
- 1:35 Complex Clubfoot – Identification and Treatment
- 1:55 Treatment of Older Children and other clubfoot pathologies
- 2:15 Break
- 2:30 Tutorial on Casting with Clubfoot Models
- 5:00 Final Discussions and Questions
- 6:00 Adjourn

Ponseti International Membership Meeting

Agenda still to come

Thursday, October 4, 2012

Schedule subject to change

8:30-8:45: Welcome

8:45-10:00: Basic Science

1. **MRI Volumetric Study of Leg Muscles in Unilateral Congenital Clubfoot (UCCF)** *P. Farsetti, MD; M. Dragoni, MD; E. Ippolito, MD*
2. **Evaluation of Muscular Structures in Patients with Clubfoot** *Yalkin Camurcu, Sarper Gursu, Timur Yildirim, Secil Sakizlioglu, Aysegul Bursali*
3. **How Does the Ponseti Technique Affect the Soft Tissues?** *Yalkin Camurcu, Sarper Gursu, Timur Yildirim, Aysegul Bursali, Secil Sakizlioglu*
4. **Evaluation of Vascular Structures in Patients with Clubfoot** *Sarper Gursu, Yalkin Camurcu, Secil Sakizlioglu, Timur Yildirim, Aysegul Bursali*
5. **Prenatal Screening for Clubfoot: What Factors Predict Prenatal Detection?** *ST Mahan, MM Yazdy, JR Kasser, MM Werler*

6. **Is it Worthwhile to Routinely Screen Children with Clubfoot for Hip Dysplasia?** *ST Mahan, MM Yazdy, JR Kasser, and MM Werler*
7. **Assessment of Atypical Clubfeet by Ultrasound** *A. Johansson, MD; Y. Aurell, MD; B. Romanus, MD, PhD*
8. **Biomechanical Analysis of a Globally Inspired Brace Using a Surrogate Biomodel** *Whitney Barnette*

10:00-10:30: Break

10:30-12:00: Treatment Approaches and Outcomes in Clubfoot

1. **Comparison of Two Different Cast Materials for the Treatment of Congenital Idiopathic Clubfoot Using the Ponseti Method: A Prospective Randomized Controlled Trial** *Catherine Hui, MD; Alberto Nettel-Aguirre, PhD; Elaine Joughin, MD; Simon Goldstein, MD; James Harder, MD; Gerhard Kiefer, MD; David Parsons, MD; Carmen Brauer, MD; Jason Howard, MD*
2. **Achillotomy: Comfort for Child, Comfort for Doctor** *Krestyashin VM, Stepanenko SM, Domarev AO, Isakov AV, Litenetskaya OY, Krestyashin IV*
3. **Clinical and Pedobarographic Analysis of Ponseti Treated Clubfeet in Uganda** *D. Rosenbaum, K. Bosch, S. Böhm, M. Sinclair, S. Pirani*
4. **Recurrences of Clubfoot After the Treatment with the Ponseti Method** *VF Blandinskiy, MA Vavilov, IV Gromov, AV Pavlov, TN Nechaeva*
5. **Relapse in the Treatment of Clubfoot: Prognostic Factors** *Monica Araceli Cabero Montes, Orthopaedic Resident; Erika Iliana Arana Hernandez, MD; Carlos Cuevas De Alba, MD; Hector Hugo Flores Navarro, MD*
6. **Evaluation of the Use of Tibialis Anterior Transfer in the Treatment of Congenital Talipes Equinovarus Feet** *W White, D Watson, KM Sarraf, S Evans, A Hulme*
7. **The PBS Score: A Clinical Assessment Tool of Deformity in the Recurrent Clubfoot Following Ponseti Treatment** *Shafique Pirani, Stephanie Boehm, Marc Sinclair, Richard Mathias, Kerstin Bosch, Dieter Rosenbaum, Edward Naddumba*
8. **A New Approach for Neglected Clubfeet over 3 Years Old: Application of Ponseti Protocol for Relapses, Preliminary Results** *A. Ey Batlle, Vilalta Vidal I, Ventura Gómez N, Manubens X*
9. **Ponseti Treatment in the Older Child** *J. McCahill, C. Naylor, C. Calderon, R. Buckingham*
10. **Ponseti Method for Treatment of 0-2 Years Old Group Idiopathic Clubfoot at Clubfoot Clinic, Soeharso Hospital, Sukarta, Indonesia – Initial Experience** *Ahmad Slimi Jauhari, Anung Budi Satriadi*
11. **The Ponseti Method for Clubfoot in Older Children: Investigating the Limits of its Effectiveness** *Julyn A Aguilar, MD, MHA, FPOA*

12:00-1:30: Lunch

1:30-3:00: Treatment Approaches and Outcomes in Clubfoot

1. **Evaluation of Outcomes of Complex Idiopathic Clubfeet** *Heather Campion, MD; Kathryn Haggerty, BA; Lori Dolan, PhD; Noelle Kloecke, BA; Brent Jacobson, MD; Jose Morcuende, MD, PhD*
2. **Does Anterior Tibial Tendon Transfer in Relapsed Clubfoot Limit Plantarflexion?** *Samantha E. Bark, DPM and John E. Herzenberg, MD, FRCSC*
3. **Ponseti Method in the Treatment of Arthrogrypotic Clubfeet** *Monica Paschoal Nogueira, HSPE, AACD; Francisco Violante, AACD*
4. **Ponseti Method for Treatment Syndromic Clubfoot at Clubfoot Clinic Soeharso Hospital, Surakarta, Indonesia – Initial Experience** *Anung B Satriadi, Zusron Fuadi*
5. **Ponseti in Myelodysplastic Feet: A Latin American Experience** *Monica Paschoal Nogueira, Francisco Violante, Reinaldo Volpi, Marina Batista*
6. **The Ponseti Method in Myelomeningocele Patients** *Silvia Reciniello, Mario Lapropulos*
7. **Five Year Follow-up of Infants with Idiopathic Clubfeet Treated by Ponseti Method: A Report from One Center in Shanghai of China** *Zhang Wang-lin, Xu Ping, Ma Rui-xue*
8. **Talipes Equinovarus Correction with the Ponseti Method in Yucatan: Study of a Cohort** *Adolfo Rocha Geded, MD; Ramón Esperón Hernández, MD; Inri Jesús Roura Hernández, MD*
9. **Transfer Tibialis Anterior in the Ponseti Method** *Sigfredo Dominguez, MD; Tairon Diaz, MD; Victor Rosario, MD; Ricardo Sulbaran, MD; Oscar Alvarado, MD; Antonio Tuccella, MD*
10. **Borderline Cases of Surgical Treated Clubfoot Relapses Treated Using the Ponseti Method** *AC Helmers, MD*
11. **A Comparison of Children with Clubfoot Who Underwent Surgical or Ponseti Treatment** *John E Herzenberg, MD, FRCSC; Julie Coplan, DScPT; Chris F. Church, MPT; Jijana Poljak, BA; John D. Henley, PhD; Ronald Starr, MS; Mohan V. Belthur, MD; Ahmed Thabet, MD; Freeman Miller, MD*

3:00-3:30: Break

3:30-5:00: Treatment Results: From Case Studies to National Programs

1. **Experiences During 28 Years of Clubfoot Treatment: Effects of Different Treatment Protocols** *A Johansson, MD*
2. **Decision Making Approach to Revise the Clubfoot Cases After Ponseti Method** *Hiroshi Kusakabe; Shinichiro Takayama; Atsuhito Seki; Masatoshi Fukuoka; Akihito Ohya; Akiko Torii*
3. **Idiopathic Clubfoot: Ten Years' Experience with the Ponseti Method** *Gastón Terrazas, MD*
4. **Ponseti Method in Assuit – A Success on its Way** *Nariman Abol Oyouun, MD*
5. **Ponseti Treatment for Clubfoot – Whole Series Report: Cluj-Napoca, 2004-2011** *Dan Cosma, Dana Vasilescu*
6. **Results and Evolution of the Ponseti Method in 400 Consecutive Patients with Idiopathic Clubfoot** *Ana Ey Battle, Paula Minguez, Imma Vilalta Vidal, Melisa Stitzman*
7. **Multi-Center Multi-Regional Study to Determine the Effectiveness of the Ponseti Method of Congenital Clubfoot Treatment in Urban India** *Karan Gadhok, Jose Morcuende, Mohan V. Belthur, Alaric Aroojis*
8. **Outcomes Evaluation of Treatment Clubfoot by Using Ponseti Method in Mexico** *Erika Iliana Arana Hernandez, Jose Gilberto Rios Ruiz, Adolfo Rocha Geded*

9. **10 Years' Experience in the Ponseti Technique** *Sigfredo Dominguez, Tairon Diaz*
10. **Treatment of Idiopathic Congenital Clubfoot in Italy: A Multicenter Study** *G. Pagnotta, L. Ruzzini, E. Ippolito, P. Farsetti, I. D'Addetta, S. Monforte, C. Gigante, R. Schiavon, V. Pavone*
11. **Integrating Early Intervention for Clubfoot Deformity into National Plans in Under-Resourced Nations** *Rosalind, Owen, J. Norgrove Penny*

5:30 Reception & Gala Dinner

Friday, October 5, 2012

8:30-9:30: Challenges and Barriers to Clubfoot Treatment

1. **Evaluation of Parent Attitudes Towards Clubfoot** *Timur Yildirim, Aysegul Bursali, Sarper Gursu, Yalkin Camurcu*
2. **Treatment of Congenital Clubfoot with the Ponseti Method: The Parents Perspective** *Kathleen Miller, Monica Paschoal Nogueira, Mariana Farcetta, Mark Fox, Tatiana Soares Pereira, Jose Morcuende*
3. **Barriers to Clubfoot Treatment Adherence: A Case-control Study with Uganda Sustainable Clubfoot Care Project** *Brade Locke, Ajitha Nair, Isidor Ngayomela, Shafique Pirani*
4. **Parent Satisfaction with Foot Appearance and Function After 3 Years of Ponseti Treatment for Clubfoot** *Joseph Konde-Lule, E Naddumba, S Gitta, R Mathias, S Pirani*
5. **The Ponseti Method of Treatment for Clubfoot in Brazil: Barriers to Bracing Compliance and the Role of Physicians** *Kathleen Miller, Monica Paschoal Nogueira, Mark Fox, Jose Morcuende*
6. **Patient Centered Management of Clubfoot Using the Ponseti Method: An International Survey on Quality of Care** *Asitha Jayawardena, Lewis Zionts, Jose Morcuende*
7. **The Participation of the Nurse in the Treatment of Congenital Clubfoot: The Role of Nursing in the Active Participation of the Parents During the Treatment** *MK Higashi, MMC Nascimento, ALM Lopes, LF Ferrira, TCM Coan*

9:30-11:00: Poster Presentation, Historical Notes & Break

1. **Incidence of Clubfoot in Mexico** *Dora Elizabeth Rosa Arriaga, Erika Iliana Arana Hernandez, Carlos Cuevas de Alba*
2. **Treatment of Relapses During Ponseti – Therapy with Shortned Casts or Night Wearing Cast-Braces in Berlin (Germany) and Arusha (Tansania)** *U Bruckner, A Reeg, U Wetter, A Helmers*
3. **Relapsed Post-Surgical Clubfoot Treated with the Taylor Spatial Frame** *Jeffrey L. Young, Scott C. Nelson, John E Herzenberg*
4. **Ponseti Bracing for Clubfoot In Uganda: Caregiver Perspectives and Adherence** *Rubini Pathy, Diriisa Kitemagwa, Edward Naddumba, Shafique Pirani*
5. **National Mexican Clubfoot Program** *Male Garcia-Torres*
6. **The Empty Heel Pad in Congenital Idiopathic Clubfoot: Implications for Clinical Severity Assessment** *OO Adegbehingbe, Jose Morcuende*

7. **Ponseti Method: Russian Experience** *Alexey Baindurashvili, Valery Blandinsky, Yuriy Filimendikov, Maxim Vavilov, Vladimir Kenis*
8. **The Ponseti Method in Latin America: Initial Impacts and Barriers to its Diffusion and Implementation** *A Boardman, A Jayawardena, F Oprescu, JA Morcuende*
9. **Health Education Program for Bracing Protocol** *Rebecca Burmeister, Laura Seegmiller, Maria Miller, Jose Morcuende*
10. **Overcoming the Barriers for Effective Treatment of Clubfoot by the Ponseti Method Through a Dedicated Clubfoot Program: Short Term Results of an Indian Program** *Mandar Agashe, Suresh Uprety, Rujuta Mehta, Dominic D'Silva, Alaric Aroojis*
11. **Assessment of the Talo-Navicular Joint by Ultrasound During Ponseti Management of Clubfeet** *A Johansson, Y Aurell, P Berg, B Romanus*
12. **Embryonic Dysarteriogenesis is Causative in Both the Congenital Short Limb and Clubfoot** *Hootnick/Lebel*
13. **Management of Idiopathic Clubfoot by the Ponseti Technique: Our Experience at a Tertiary Referral Centre** *Vibhu Krishnan Viswanathan, Nirmal Raj Gopinathan, Sudesh Pebam, Vijay G Goni*
14. **A Rare Complication of the Local Anesthetics used in Ponseti Technique: Methemoglobinemia** *Ayesugal Bursali, Timur Yildirim, Sarper Gursu*
15. **Foot loading characteristics of Ugandan Clubfoot Children after Ponseti Treatment** *Kerstin Bosch, Stephanie Bohm, Dieter Rosenbaum, Shafique Pirani*
16. **Anterior Tibialis Transfer into Non-Ossified Lateral Cuneiform for Clubfoot Rebalancing** *Patrick Bosch, Selina Silva, Jan Gilmour*
17. **Difficulties in Treating Congenital Talipes Equinovarus (CTEV) in Children with Moebius Syndrome** *D Watson, KM Sarraf, P Raval, A Saso, A Hulme, S Evans*
18. **Factors Predicting Recurrence in Clubfoot Treatment with Ponseti Method: Does Temperament Matter?** *Jeannen M Franzone, Hiroko Matsumoto, Matthew D. Riedel, Margaret L. Wright, Benjamin D Royce, Joshua E Hyman*
19. **Pedobarographic Analysis Following Ponseti Treatment for Congenital Clubfoot: A Comparison of Treatment Results between Germany & Uganda** *Stephanie Boehm, Kerstin Bosch, Dieter Rosenbaum, Shafique Pirani, Marc Sinclair*
20. **Role of Ponseti Method Followed by Prophylactic Tibialis Anterior Tendon Transfer in the Management of Neglected Clubfoot in Children More Than 2 Years** *Baddannavar P, Belthur M, Sampath J, Patil, SS*
21. **Ankle Range of Motion after Posterior Capsulotomy for Relapsed Equinus in Idiopathic Clubfoot** *John Herzenberg, Shirin Zamani*
22. **Dynamic Sonographic Assessment of the Equinus Deformity in Clubfeet During Ponseti Treatment** *Ylva Aurell, Arne Johansson, Bertil Romanus*
23. **Do Talipes Equinovarus (TEV) and Congenital Vertical Talus (CVT) Have a Common Etiology?** *Russell Crider, David Hootnick, Matthew Dobbs, Leonard Seimon*
24. **Dobbs' Method in Treatment of Children with Heavy Congenital Planovalgus Deformity** *VF Blandinskiy, MA Vavilov, IV Gromov*

25. **Posneti Treatment in the Older and Previously Treated Child Using Below Knee Soft Cast: Efficiency and Limits** *R Velasco*
26. **Positional Clubfoot and Metatarsus Adductus: Use of the Pirani Score for Classification and Suggested Treatment Guidelines** *D Watson, J McCahill*
27. **Clubfoot Kicking: A Kinematic Analysis of Novel Clubfoot Bracing Techniques** *Michael G Browne*
28. **The Ponseti Method in Children Older Than 6 in Nicaragua** *Mario Samoza Sequira*
29. **Constriction Band Syndrome Associated with Clubfoot: 2 Cases** *Ana Martinez, Paloma Cervera, Angel Villa, Jose-Luis Gonzalez Lopez*
30. **5 Year Experience in Ponseti's Method for Idiopathic Clubfeet** *Paloma Cervera, Ana Martinez, Angel Villa, Jose-Luis Gonzalez Lopez*
31. **Factors Influencing the Final Outcome of the Talipes Equinovarus Treated by the Ponseti Method** *L Suhodolcan, V Bole, J Breceļj*
32. **Descriptive Epidemiology of Clubfoot in Vietnam: A Clinic Based Study** *Michelle Nguyen, Huynh Manh Nhi, Vo Quang Dinh Nam, Do Van Thanh, Paul Romitti, Jose Morcuende*
33. **Descriptive Epidemiology of Clubfoot in Romania: A Clinic Based Study** *Lindsay McConnell, Jose Morcuende*
34. **Prospective Evaluation of a Prenatal Sonographic Clubfoot Classification System** *M Glotzbecker, J Estroff, T Curtis, L Kalish, S Spencer, R Prad, J Kasser, S Mahan*
35. **An Arterial Explication for the Enigma of Clubfoot Recurrence** *Hootnick*
36. **Results of Ponseti Method in Madagascar** *Downey-Carmona FJ, Tatay-Diaz A, Farrington D, Casielles-Javaoyes R*
37. **Percutaneous Tenotomy with Needle No. 18, Modifying the Original Technical Ponseti in the Treatment of Clubfoot** *Tairon Diaz, Sigfredo Dominguez, Ricardo Sulbaran*
38. **Five Year Outcomes of Idiopathic Clubfoot Treated with Ponseti and Dimeglio Models** *Glen O. Baird, MD; Nancy L. Garcia, PT; Bryan J. Tompkins, MD; Paul M. Caskey, MD; Mark L. McMulkin, PhD; Rob D. Mildes, PT; Barb C. Harrison, PT; Shelley L. Mader, PT*
39. **Experiencia personal con método de Ponseti** *Dra. Ximena Agurto Vargas*
40. **Achilles Tenotomy in Clubfoot: Decision Making Between Percutaneous Technique and Mini-open Surgery Based in the Pulse Palpation Protocol** *A Bernardi, BC Wingler, LGS Lenzi, RE Nunes*
41. **Simultaneous Correlation of Congenital Vertical Talus and Talipes Equino Varus Using the Ponseti Method of Serial Casting: A Case Report** *Michael G. David, DPM, FACFAS*
42. **Historical notes on the Ponseti Method:** *Dan Short, Paul Etre, Jim Hanson*

11:00-12:00: Public Health International Programs for Clubfoot

1. **Relapses: How to Deal With Them? Our Experience** *Laura Fernanda Alves Ferreira, MD*
2. **Counselor Effectiveness : Lessons Learned from Another Discipline** *James Cohick*
3. **Strategic Approaches for Effective Dissemination of the Ponseti Method in Romania: Advantages, Disadvantages, Facilitators and Barriers** *Florin Opreescu, Dan Cosma, William Whitmore, Jose Morcuende*
4. **Initial Program Evaluation of the Ponseti Method in Nigeria** *Oluwole A Akintayo, Olayinka Adegbehingbe, Thomas Cook, Jose Morcuende*

5. **Vietnam Program** *Vincent Wu*
6. **Diffusion of Innovation: Enhancing the Dissemination of the Ponseti Method in Latin America through Virtual Forums** *Asitha Jayawardena, Allison Boardman, Thomas Cook, Florin Oprescu, Jose Morcuende*
7. **Management of Idiopathic Clubfoot After Formal Training in the Ponseti Method: A Multi-year, International Survey** *Asitha Jayawardena, Lewis Zionts, Jose Morcuende*

12:00-1:30: Lunch

1:30-3:00: Public Health International Programs in Clubfoot

1. **Economic Burden of CTEV Diagnosis and Treatment in a Developing Country** *Hamidah Hussain, Aziza Burfat, Luba Samad, Fayez Jawed, Muhammad Amin Chinoy, Mansoor Ali Khan*
2. **Cost-effectiveness of Clubfoot Treatment in Low Income Countries by the Ponseti Method** *Caris E Grimes, Christopher B D Lavy*
3. **The International Clubfoot Registry: Development of an International Data Collection and Management System for Use Across Multiple Organizations** *Amanda M. DeHoedt, William D. Walls, Sean S. Ephraim, Jose Morcuende, Thomas L. Casavant*
4. **Dissemination of the Ponseti Method of Treatment for Clubfoot within the Brazil National Training Initiative** *Mark Fox, Monica Nogueira, Kathleen Miller, Jose Morcuende*
5. **Good Results After Introducing the Ponseti Method in Norway: 162 Clubfeet Followed for 2-5 Years** *C. Saetersdal, J. Fevang, L. Fosese, L.B. Engesaeter*
6. **Establishing the Ponseti Method in West Africa – A Mercy Ships’ Mission** *Nick Veltjens*
7. **Reducing Burden of Disability from Clubfoot by Partnership with Government** *Mathew Varghese*
8. **The Programmatic Treatment of Clubfoot Using the Ponseti Method in a Low-income Setting** *Mansoor Ali Hahn, Fayez Jawed, Aziza Burfat, Shama Mohammed, Muhammad Ali Riffat, Muhammad Amin Chinoy, Lubna Samad*
9. **Predictive Factors for Ponseti Clubfoot Technique Practitioners in Nigeria** *OO Adegbehinge, Oluwole Akintayo, Jose A Morcuende*
10. **Implementing a Nationwide Ponseti Clubfoot Program in Bangladesh: The “Walk for Life” Experience** *Colin Macfarlane*
11. **A Model for Effective Clubfoot Programs Based off PIA Involvement in Sixty Countries** *Thomas Cook, Jose Morcuende, Shafique Pirani, Edith Hall*

3:00-3:30 Break

3:30-4:15 Parents Forum

4:15-5:00 Final discussion, Renewing the Promise

5:00 Adjourn