

## **CURRICULUM VITAE**

### **FREEMAN MILLER, M.D.**

**OFFICE ADDRESS:** Alfred I. duPont Institute  
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Wilmington, DE 19899  
Phone: (302) 651-5921

#### **EDUCATION:**

- 1970-72 Kirkwood Community College  
Cedar Rapids, Iowa  
Associates Degree - 1972
- 1972-74 University of Colorado  
Boulder, Colorado  
B.S., Biology - 1974
- 1974-78 University of Colorado Medical School  
Denver, Colorado  
M.D. - 1978

#### **POSTGRADUATE TRAINING:**

- 1978-79 Department of Surgery  
University of Colorado  
Denver, Colorado  
PGY-1 Resident in Surgery
- 1979-83 Department of Orthopaedics  
University of Virginia  
Charlottesville, Virginia  
PGY-2 to PGY-5 Orthopaedic Resident
- 1983-84 Division of Orthopaedics  
Hospital for Sick Children  
Toronto, Ontario, Canada  
Fellowship in Pediatric Orthopaedics

**FACULTY APPOINTMENTS:**

- 1988- Thomas Jefferson University, Jefferson Medical College  
Assistant Professor of Orthopaedic Surgery
- 1989- University of Delaware, Department of Mechanical Engineering  
Associate Research Professor
- 1994- University of Delaware, Department of Physical Education  
Adjunct Associate Professor

**HOSPITAL APPOINTMENTS:**

- 1984-87 Goshen General Hospital  
1985-87 Elkhart General Hospital  
1988- Alfred I. duPont Institute  
1997- Medical Center of Delaware

**SPECIALTY CERTIFICATION:**

American Board of Orthopaedic Surgery  
Certified, July 26, 1986  
Recertified, January 1, 1997

**LICENSURE:**

General Medical License-Ontario (Inactive)  
College of Physicians and Surgeons, 1983  
Indiana (33382), 1984  
Delaware (C1-0003055), 1988  
Pennsylvania (MD-042247-E), 1988

**MEMBERSHIP IN PROFESSIONAL SOCIETIES:**

- 1984 American Medical Association  
1987 American Academy of Orthopaedic Surgeons  
1988 American Academy of Cerebral Palsy  
1990 Pediatric Orthopaedic Society North American  
1991 Scoliosis Research Society  
1992 American Academy of Pediatrics  
1995 North American Society of Gait & Clinical Movement Analysis

## **BOOKS PUBLISHED:**

1. Cerebral Palsy: A Complete Guide for Caregiving; F. Miller, S. Bachrach, The John Hopkins University Press, Baltimore, Maryland 1995  
[http://www.press.jhu.edu/books/title\\_pages/1283.html](http://www.press.jhu.edu/books/title_pages/1283.html)
2. Cerebral Palsy; F. Miller, Springer Publications, New York, NY 2005  
<http://www.springeronline.com/sgw/cda/frontpage/0,11855,4-10075-22-19201704-0,00.html>

## **JOURNALS EDITED :**

Editor in Chief, Gait and Posture, 2002 to current

## **BIBLIOGRAPHY: (\*Peer-reviewed journal papers)**

- \* 1. F. Miller, D. Wenger: Femoral Neck Stress Fracture in a Hyperactive Child, *J. Bone Joint Surg.*, 61-A; April, 1979
- \* 2. F. Miller, T. Fenzel: Prolonged Ileus with Acute Spinal Cord Injury Responding to Metaclopramide. *Paraplegia*, 19:43-45; 1981
- \* 3. C. Sutherland, F. Miller, G. Wang: Early Progressive Kyphosis Following Compression Fractures: Two Case Reports from a Series of Stable Thoracolumbar Compression Fractures. *Clin. Orth. and RR.*, 173:216-21; 1983
- \* 4. F. Miller, G. Wang: The Incidence of Thromboembolic Disease. *Clin. Orth. and RR.* 176, 210-16; June, 1983
- \* 5. F. Miller, R. Whitehill: Breast Carcinoma Metastatic to Skeleton. *Clin. Orth. and RR.*, 184:121-127; April, 1984
- \* 6. F. Miller, M. Sussman, W. Stamp: A Survey of Bone Banking Practices in the United States. *J. Pediatr. Orthop.*, 4:353-356; June, 1984
- \* 7. F. Miller, C. Mosley, J. Koreska, H. Levison: Pulmonary Function and Scoliosis in Duchenne Dystrophy. *J. Pediatr. Orthop.*, 8:133-137; March, 1988
- \* 8. F. Miller, C. Mosley, J. Koreska: Pelvic Anatomy Relative to Lumbosacral Instrumentation. *J. Spinal Disord.*, 3(2):169-173; June, 1990

- \* 9. M. Henderson, M. Rieger, A. Kaelin, F. Miller: Influence of Parental Age on Idiopathic Scoliosis Curve Magnitude. *J. Bone Joint Surg.*, 72-A/#6:910-913; July, 1990
- \*10. P. Rink, F. Miller: Hip Instability in Spinal Cord Injury. *J. Pediatr. Orthop.*, 10:583-587; November, 1990
- \*11. W. Greene, F. Dietz, M. Goldberg, R. Gross, F. Miller, M. Sussman: Rapid Progression of Hip Subluxation in Cerebral Palsy after Selective Posterior Rhizotomy. *J. Pediatr. Orthop.*, 11:494-497; July, 1991
- \*12. F. Miller, C. Mosley, J. Koreska: Spinal Fusion in Duchenne Muscular Dystrophy. *Dev. Med. Child Neurol.*, 33:775-786; September, 1991
- \*13. F. Miller, J. Koreska: Height Measurement in Patients with Neuromuscular Disease and Contractures. *Dev. Med. Child Neurol.*, 34:55-60; January, 1992
- \*14. M. Lee, M. Alexander, F. Miller, N. Steg, B. McHugh: Postoperative Heterotopic Ossification in the Child with Cerebral Palsy: Three Case Reports. *Arch. Phys. Med. Rehab.*, 73:289-92; March, 1992
- \*15. R. Beauchesne, F. Miller: Proximal Femoral Osteotomy Using the AO Fixed-Angle Blade Plate. *J. Pediatr. Orthop.*, 12:735-740; November/December, 1992
- \*16. M. Bagg, J. Farber, F. Miller: Long-term Follow-up of Hip Subluxation in Cerebral Palsy Patients. *J. Pediatr. Orthop.*, 13:32-36; January/February, 1993
- \*17. F. Miller, P. Kupcka, M. Merlo, Y. Liang, J. Jamison, H.T. Harcke: Femoral Version and Neck Shaft Angle. *J. Pediatr. Orthop.*, 13:382-388; May/June, 1993
- \*18. M. Perlmutter, M. Synder, F. Miller, R. Bisbal: Proximal Femoral Resection in Older Children with Spastic Hip Disease. *Dev. Med. Child Neurol.*, 35:525-531; June, 1993

- \*19. S. Krum, F. Miller: Heterotopic Ossification Following Hip and Spine Surgery in Children with Cerebral Palsy. *J. Pediatr. Orthop.*, 13:739-743; November/December, 1993
- \*20. J. Tenuta, Y. Shelton, F. Miller: Long-term Review of Triple Arthrodesis in Cerebral Palsy Patients. *J. Pediatr. Orthop.*, 13(6):713-716; November/December, 1993
21. F. Miller, K. Dabney: Unit Rod Segmental Instrumentation. *Spinal Instrumentation Techniques*, C.W. Brown, Ed., Scoliosis Research Society; March, 1994
- \*22. R. Allen, B. Bankoski, D. Nagey, F. Miller: Measuring Clavicle Strength and Simulating Birth. *Biomech. Engring. Recent Advances*, J. Vossoughi, Ed., Biomech. Engring. Society, Univ. of DC, 586-589; April, 1994
23. F. Miller, K. Dabney, M. Rang: Complications in Cerebral Palsy Treatment. *Complications in Pediatric Orthopaedic Surgery*, C.H. Epps, J.R. Bowen, Ed., J.B. Lippincott, 477-543; 1994
- \*24. M. Theroux, B.W. Brandom, M.Z. Zagnoev, R.G. Kettrick, F. Miller, C. Ponce: Dose Response of Succinylcholine at the Adductor Pollicis of Children with Cerebral Palsy during Propofol & Nitrous Oxide Anesthesia. *Pediatr. Anesthesia*, 79:761-765; 1994
- \*25. F. Miller: Instrumentation Rachidienne Par Tige en U Dans le Traitement des Scoliosis Neuromucularies. *J. G. Pous, Ed., Instrumentation Rachidienne*; May, 1995 (F. Miller: Unit Rod Procedure for Neuromuscular Scoliosis. *J. G. Pous, Ed., French Yearbook of Orthopaedics*; May 1995)
- \*26. F. Miller, M. Bagg: Age and Migration Percentage as Risk Factors for Progression in Spastic Hip Disease. *Dev. Med. Child Neurol.*, 37:449-455; June, 1995
27. F. Miller, S. Bachrach, M. Boos, L. Duffy, J. Whinston: *Cerebral Palsy: A Complete Guide for Caregiving*. John Hopkins University Press; November, 1995
28. F. Miller: Pathologic Long-bone Fractures: Diagnosis, Etiology, Management & Prevention. *The Child with a Spinal Cord Injury*, R. Betz, M.J. Mulcahey, Ed., American Academy of Orthopaedic Surgeons, 331-339; January, 1996

29. F. Miller: Hip Joint Instability. *The Child with a Spinal Cord Injury*. R. Betz, M.J. Mulcahey, Ed., American Academy of Orthopaedic Surgeons, 353-363; January, 1996
30. J. Hsu, N Green, W. Greene, F. Miller, I Siegel: Orthopaedic Management of Patients with Duchenne Muscular Dystrophy. *Contemporary Orthopaedics*; 32(1); 1996
- \*31. A. Miller, T. Temple, F. Miller: Impact of Orthoses on the Rate of Scoliosis Progression in Children with Cerebral Palsy. *J. Pediatr. Orthop.*, 16:332-335; May/June, 1996
- \*32. R. Cardos-Dias, F. Miller, K. Dabney, G. Lipton, T. Temple: Surgical Correction of Spinal Deformity Using a Unit Rod in Children with Cerebral Palsy. *J. Pediatr. Orthop.*, 16:734-740; November/December, 1996
- \*33. K. Gripp, C. Scott, H. Hughes, R. Wallerstein, L Nicholson, L States, L Bason, P. Kaplan, S. Zderic, A. Duhaime, F. Miller, M. Magnusson, E. Zackai: Lateral Meningocele Syndrome: Three New Patients & Review of the Literature. *Am. J. Med. Genetics*, 70:229-239; 1997
- \*34. F. Miller, Y. Liang, M. Merlo, H. Harcke: Measuring Anteversion and Femoral Neck Shaft Angle in Cerebral Palsy. *Dev. Med. Child Neurol.*, 39:113-118; February, 1997
- \*35. D. Spatz, , M. Rieger, M. Klaumann, F. Miller, R. Stanton, G. Lipton: Measurement of Acetabular Index Intraobserver & Interobserver Variation. *J. Pediatr. Orthop.*, 17:174-175; March/April, 1997
- \*36. R. Cordoso-Dias, F. Miller, K. Dabney, G. Lipton: Revision Spine Surgery in Children with Cerebral Palsy. *J. Spinal Disord.* 10(2):132-144; April, 1997
- \*37. M. Theroux, D. Cordrey, A. Tietz, F. Miller, J. Peoples, R. Kettrick: A Study of Desmopressin and Blood Loss during Spinal Fusion for Neuromuscular Scoliosis, A Randomized, Controlled, Double-Blinded Study. *Anesthesiology*, 87(2):260-267; August, 1997
- \*38. F. Miller, H. Girardi, R Ponzio, G Lipton, M. Klaumann, K. Dabney: Reconstruction of the Dysplastic Spastic Hip with Peri-ilial Pelvic Osteotomy and Femoral Osteotomy Followed by Immediate Mobilization. *J. Pediatr. Orthop.*, 17(5):592-602; September/October, 1997

- \*39. R. Dias, F. Miller, G. Lipton, K. Dabney: Soft Tissue Release for Treatment of Spastic Hip Subluxation in Cerebral Palsy. *J. Pediatr. Orthop.*, 17(5):571-584; September/October, 1997
- \*40. F. Miller, R. Cordoso-Dias, K. Dabney, G. Lipton, J. Albarracin, P. Castagno: The Effect of Rectus EMG Patterns on the Outcome of Rectus Femoris Transfers. *J. Pediatr. Orthop.*, 17(5):603-607; September, October, 1997
- \*41. P. Selva, F. Miller, K. Dabney: Anterior Hip Dislocation in Children with Cerebral Palsy. *J. Pediatr. Orthop.*, (18):54-61; January/February, 1998
- 42. F. Miller: Gait Analysis in Cerebral Palsy. *Caring for Children with Cerebral Palsy: A Team Approach*, J. P. Dormans, L. Pellegrino, Ed., Paul H. Brooks Publishing Co., 169-191; February, 1998
- \*43. H.T. Harcke, A. Taylor, S. Bachrach, F. Miller, R.C. Henderson: Lateral Femoral Scan: An Alternative Method for Assessing Bone Mineral Density in Children with Cerebral Palsy. *Pediatr. Radiol.*, 28(4):241-246; April, 1998
- \*44. A. Andreacchio, F. Miller: *Samonella Osteomyelitis Transmitted from an Iguana, A Case Report*. Accepted in *Orthopaedics*; May, 1998
- \*45. T. Bowen, S. Cooley, P. Castagno, F. Miller, J. Richards: A Method for Normalization of Oxygen Cost and Oxygen Consumption in Normal Children While Walking. *J. Pediatr. Orthop.*, 18(5): 589-593; September/October, 1998
- \*46. F. Miller, M. Slomczykowski, R. Cope, G. Lipton: Computer Modeling of the Pathomechanics of Spastic Hip Dislocation in Children. Accepted in *J. Pediatr. Orthop.*, September, 1998
- \*47. M. Jenter, G. Lipton, F. Miller: Operative Treatment of Hallux Valgus in Children with Cerebral Palsy. *Foot & Ankle International*, 19(12):830-835; December, 1998
- \*48. G. Szoke, G. Lipton, F. Miller, K. Dabney: Wound Infection after Spinal Fusion with Unit Rod for Scoliosis in Children with Cerebral Palsy. *J. Pediatr. Orthop.*, 18(6):727-733; November/December, 1998
- \*49. T.R. Bowen, F. Miller, P. Castagno, J. Richards, G. Lipton: A Method of Dynamic Foot Pressure Measurement for the Evaluation of Pediatric Orthopaedic Foot Deformities. *J. Pediatr. Orthop.*, 18(6):789-793; November/December, 1998

- \*50. T. Bowen, N. Lennon, P. Castagno, F. Miller, J. Richards: The Variability of Energy Consumption Measures in Children with Cerebral Palsy. *J. Pediatr. Orthop.*, 18(6):738-742; November/December, 1998
- \*51. A. Reinhardt, S. Advani, M. Santare, F. Miller: Preliminary Study on Composite Prostheses Made by Resin Transfer Molding. *J. Composite Materials*, 33(9): 852-870, 1999
- \*52. T. Bowen, F. Miller, W. Mackenzie: Comparison of Oxygen Consumption Measurements in Children with Cerebral Palsy to Children with Muscular Dystrophy. *J. Pediatr. Orthop.*, 19(1):133-136; January/February, 1999
- \*53. F. Miller, U. Givon: Shortening of a Unit Rod Protruding into the Hip Joint: Case Report and Description of Surgical Technique. *J. Spinal Disord.*, 12(1):74-76; January/February, 1999
- \*54. G. Lipton, F. Miller, K. Dabney, H. Altiok, S. Bachrach: Factors Predicting Postoperative Complication Following Spinal Fusions in Children with Cerebral Palsy. *J. Spinal Disord.*, 12(3):197-205, May/June, 1999
- \*55. R. Cooper, L. Quatrano, S. Stanhope, P. Cavanaugh, F. Miller, D. C. Kerrigan, A. Esquenazi, G. Harris, J. Winters: Gait Analysis in Rehabilitation Medicine, A Brief Report. *American J. of Physical Medicine & Rehabilitation*, 78(3):278-280, May/June, 1999
- \*56. F. Miller, M. Slomczykowski, R. Cope, G. Lipton: Computer Modeling of the Pathomechanics of Spastic Hip Dislocation in Children. *J. Pediatr. Orthop.*, 19(4):486-492, July/August, 1999
- \*57. P. Gabos, F. Miller, M. Galban, G. Gupta, G. Gupta, K. Dabney: Prosthetic Interposition Arthroplasty for the Palliative Treatment of End-Stage Spastic Hip Disease in Nonambulatory Patients with Cerebral Palsy. *J. Pediatr. Orthop.*, 19(6):796-804; November/December, 1999
- \*58. S. Crenshaw, R. Herzog, P. Castagno, J. Richards, F. Miller, G. Michaloski, E. Moran: The Efficacy of Tone-Reducing Features in Orthotics on the Gait of Children with Spastic Diplegic Cerebral Palsy. *J. Pediatr. Orthop.*, 20(2):210-216; March/April, 2000
- \*59. C. Keenan, M. Alexander, I. Sung, F. Miller, K. Dabney: Intrathecal Baclofen for the Treatment of Spasticity in Children. *State of the Art Reviews in American J. of Physical Medicine & Rehabilitation*, 14(2); June, 2000



- \*60. A. Andreacchio, C. Orellana, F. Miller, T. Bowen: Lateral Column Lengthening as Treatment for Planovalgus Foot Deformity in Ambulatory Children with Spastic Cerebral Palsy. *J. Pediatr. Orthop.*, 20(4):501-505; July, 2000
- \*61. A. Andreacchio, F. Miller: Case Report: Salmonella Osteomyelitis Transmitted from an Iguana. *Orthopaedics*, 23(11):1201-1202; November, 2000
- \*62. M.G. Joshi, S.G. Advani, F. Miller, M.H. Santare: Analysis of a Femoral Hip Prosthesis Designed to Reduce Stress Shielding. *J. Biomech.*, 33(12):1655-62; December, 2000
- \*63. T.G. Ribble, M. Santare, F. Miller: Stresses in the Growth Plate of the Developing Proximal Femur. *J. Biomech.*, 17(2):129-141; May 2001
64. K.W. Dabney, F. Miller, L. Kerstetter, J. Schuyler, N. Lennon, E. Riddle: Gait Analysis in the Cerebral Palsy Patient. *Physical Medicine and Rehabilitation: State of the Art Reviews*, A. Esquenazi, Ed., Philadelphia, Hanley & Belfus, Inc., 16(2):287-301; June 2002
65. T.A. Niiler, J. G. Richards, F. Miller, T. Royer: Use of Distance Metrics to Improve Neural Network Predictions of Post-Surgical Gait. Abstract. 7<sup>th</sup> Annual Meeting Gait and Clinical Movement Analysis Society, Chattanooga, TN, 26-27, April 17-20, 2002
66. J.M. Flynn, F. Miller: Management of Hip Disorders in Patients With Cerebral Palsy. *J Am Acad Orthop Surg*, 10(3):198-209; May/June 2002
67. W-N. Chang, A.I. Tsirikos, F. Miller, N. Lennon, J. Schuyler, L. Kerstetter: Comparison of Primary and Repeated Distal Hamstring Lengthening in Ambulatory Children With Spasticity. Abstract. AACPD. *Developmental Medicine & Child Neurology*, Abstracts 2002, 44(91):17-18, August 2002
68. C.H. Chang, J.P. Albarracin, G.E. Lipton, F. Miller: Long-Term Follow-up of Surgery for Equinovarus Foot Deformity in Children With Cerebral Palsy. *J Pediatr Orthop*, 22(6):792-799, November/December 2002
69. C.H. Chang, F. Miller, J. Schuyler: Dynamic Pedobarograph in Evaluation of Varus and Valgus Foot Deformities. *J Pediatr Orthop*, 22(6):813-818, November/December 2002

70. R.C. Henderson, R.K. Lark, H.H. KecsKemethy, F. Miller, H.T. Harcke, S.J. Bachrach: Bisphosphonates to Treat Osteopenia in Children With Quadriplegic Cerebral Palsy: A Randomized, Placebo-Controlled Clinical Trial. *J Pediatr*, 141(5):644-651, July 2002
71. A.I. Tsirikos, W-N Chang, S.A. Shah, K.W. Dabney, F. Miller: Preserving Ambulatory Potential in Pediatric Patients With Cerebral Palsy Who Undergo Spinal Fusion Using Unit Rod Instrumentation. *SPINE*, 28(5):480-483, March 2003
72. A.K. Abu-Sneineh, P.G. Gabos, F. Miller: Radial Head Dislocation in Children With Cerebral Palsy. *J Pediatr Orthop* 23(2):155-8, March-April 2003
73. A.I. Tsirikos, W.N. Chang, S.A. Shah, F. Miller: Acquired Atlantoaxial Instability in Children With Spastic Cerebral Palsy. *J Pediatr Orthop* 23(3):335-41, May-June 2003
74. K. Abu-Sneineh, G.E. Lipton, P.G. Gabos, F. Miller: Dysfunction of a Ventriculoperitoneal Shunt After Posterior Spinal Fusion in Children With Cerebral Palsy: A Report of Two Cases. *J Bone Joint Surg Am*, 85-A(6):1119-24, June 2003
75. A.I. Tsirikos, W-N Chang, K.W. Dabney, F. Miller: Comparison of One-Stage *Versus* Two-Stage Anteroposterior Spinal Fusion in Pediatric Patients With Cerebral Palsy and Neuromuscular Scoliosis. *SPINE*, 28(12):1300-1305, June 2003
76. M.F. Abel, D.L. Damiano, J.S. Blanco, M. Conaway, F. Miller, K. Dabney, D. Sutherland, H. Chambers, L. Dias, J. Sarwark, J. Killian, S. Doyle, L. Root, J. LaPlaza, R. Widmann, B. Snyder: Relationships Among Musculoskeletal Impairments and Functional Health Status in Ambulatory Cerebral Palsy. *J Pediatr Orthop* 23(4):535-541, July-August 2003
77. S. DiCindio, M. Theroux, S. Shah, F. Miller, K. Dabney, R.P. Brislin, D. Schwartz: Multimodality Monitoring of Transcranial Electric Motor and Somatosensory-Evoked Potentials During Surgical Correction of Spinal Deformity in Patients With Cerebral Palsy and Other Neuromuscular Disorders. *SPINE*, 28(16):1851-1856, August 2003
78. A.I. Tsirikos, W-N Chang, K.W. Dabney, F. Miller: Life Expectancy in Pediatric Patients With Cerebral Palsy and Neuromuscular Scoliosis Who Underwent Spinal Fusion. *Dev Med Child Neurol* 45(10):677-682, October 2003
79. G.E. Lipton, E.J. Letonoff, K.W. Dabney, F. Miller, C. McCarthy: Correction of Sagittal Plane Spinal Deformities With Unit Rod Instrumentation in Children With Cerebral Palsy. *J Bone Joint Surg*, 85A(12):2349-2357, December 2003

80. A.I. Tsirikos, W-N Chang, K.W. Dabney, F. Miller: Comparison of Parents' and Caregivers' Satisfaction After Spinal Fusion in Children With Cerebral Palsy. *J Pediatr Orthop*, 24(1):54-58, January/February 2004
81. W-N Chang, A.I. Tsirikos, F Miller, J Schuyler, J Glutting: Impact of changing foot progression angle on foot pressure measurement in children with neuromuscular disease. *Gait Posture* 2004;20:14-19
82. W-N Chang, A.I. Tsirikos, F Miller, J Schuyler, N Lennon, L Kerstetter, J Glutting: Distal hamstring lengthening in ambulatory children with Cerebral Palsy: Primary versus revision procedures. *Gait Posture* 2004;19:298-304
83. F. Miller, J W Fee Jr: The Leg Drop Pendulum Test performed under general anesthesia in spastic cerebral palsy. *Dev Med Child Neurol* 2004; 46(4): 273-281

#### **Invited Lectures/Oral Presentations:**

R. Whitehall, F. Miller: The Orthopaedic Treatment of Metastatic Bone Tumors. Virginia State Orthopaedic Meeting, Homestead, VA; April 25, 1980

F. Miller, C. Sutherland, G. Wang: Multiple Level Thoracolumbar Compression Fractures. Virginia State Orthopaedic Meeting, Homestead, VA; April 25, 1980

F. Miller, C. Sutherland, G. Wang: Progressive Kyphosis in Multiple Adjacent Thoracic Compression Fractures. AOA Residents Conference, Oklahoma City, OK; April 12, 1981

F. Miller, C. Young, G. Wang: The Incidence of Thromboembolic Disease in a University Orthopaedic Practice - Virginia State Orthopaedic Practice. Virginia State Orthopaedic Meeting, Williamsburg, VA; May 3, 1981

C. Young, F. Miller, G. Wang: Fever as a Presenting Sign in Deep Venous Thrombosis in Spinal Cord Injured Patients. Virginia State Orthopaedic Meeting, Williamsburg, VA; May 4, 1981

F. Miller, M. Sussman, W. Stamp: The Use of Bone Allograft and Bone Banking in the United States. Musculoskeletal Council of the American Association of Tissue Banks, St. Louis, MO; June 16, 1981

F. Miller, S. Reger, G. Wang, L. Boychuck: Biomechanical Analysis of Segmental Spinal Fixation in a Canine Fracture Model. Scoliosis Research Society Annual Meeting/1981 , Montreal, Quebec, Canada; September 17, 1981

F. Miller, S. Reger, G. Wang, L. Boychuck: Biomechanical Analysis of Segmental Spinal Fixation in a Canine Fracture Model. Orthopaedic Research Society Annual Meeting/1982, New Orleans, LA; January 21, 1982

F. Miller, M. Sussman, W. Stamp: Current Status of Bone Banking and the Use of Banked Bone. Virginia State Orthopaedic Meeting, Hot Springs, VA; May 7, 1982

F. Miller, M. Sussman, W. Stamp: Current Status of Bone Banking and the Use of Banked Bone. Scoliosis Research Society Annual meeting/1982, Denver, CO; September 28, 1982

F. Miller, R. Whitehall: Orthopaedic Management of Bone Metastasis from Carcinoma of Breast. American Academy of Orthopaedic Surgeons' Annual Meeting/1983, Anaheim, CA; March 14, 1983

F. Miller, R. Whitehall: Orthopaedic Management of Bone Metastasis from Carcinoma of Breast. Virginia State Orthopaedic Meeting, Williamsburg, VA; April 31, 1983

J. Koreska, F. Miller, C. Mosley: Kinematics of the Thoracolumbar Spine. Rehab Engineering Society, NA (RESNA), Ottawa, Ontario; June 14, 1984

F. Miller, C. Mosley, J Koreska: Treatment of Spinal Deformity in Duchenne Muscular Dystrophy. Scoliosis Research Society Annual Meeting/1984, Orlando, Florida; September 28, 1984

F. Miller, C. Mosley, J. Koreska: Treatment of Spinal Deformity in Duchenne Muscular Dystrophy. American Academy of Orthopaedic Surgeons' Annual Meeting/1985, Las Vegas, Nevada; January 26, 1985

F. Miller: Orthopaedic Treatment of Duchenne Muscular Dystrophy. Indiana Orthopaedic Society Meeting, Elkhart, Indiana; April 18, 1986

F. Miller: Etiology of Hip Dysplasia. Spring Seminar, Alfred I. duPont Institute, Wilmington, DE; June 16, 1988.

F. Miller: Orthopaedic Treatment of Duchenne Muscular Dystrophy. Fall Seminar, Alfred I. duPont Institute, Wilmington, DE; November, 19, 1988

F. Miller: Post-op Pain Management of the Cerebral Palsied Child. Nursing Seminar, Alfred I. duPont Institute, Wilmington, DE; March 9, 1989

F. Miller: The Etiology of Hip Dysplasia. Spring Seminar, Alfred I. duPont Institute, Wilmington, DE; April 15, 1989

F. Miller: The Treatment of Hip Dysplasia in Cerebral Palsy. Fall Seminar, Alfred I. duPont Institute, Wilmington, DE; October 7, 1989

F. Miller: Common Orthopaedic Illnesses in Adolescents. Continuing Education Program, Brandywine School District, Alfred I. duPont Institute, Wilmington, DE; November 14, 1989

F. Miller: The Influence of Mechanical Force on Hip Development. Department of Mechanical Engineering, University of Delaware, Newark, DE; November 17, 1989

F. Miller: The Influence of Mechanical Force on Hip Development. Research Seminar, Alfred I. duPont Institute, Wilmington, DE; November 22, 1989

F. Miller: Normal Development in Cerebral Palsy (a 5 part series). Department of Orthopaedics Morning Conference, Alfred I. duPont Institute, Wilmington, DE; 1989

F. Miller: Orthopaedic Surgical Interventions. Presented to Pediatric Physical Therapy Graduate Students of Hahnemann University, Alfred I. duPont Institute, Wilmington, DE; February 27, 1990

F. Miller: Biological Responses to Mechanical Force in Bone. Graduate Students, Mechanical Engineering Department of University of Delaware, Newark, DE, April 3, 1990

F. Miller: Dorsal Rhizotomy in Cerebral Palsy, Spring Seminar, Alfred I. duPont Institute, Wilmington, DE; 1990

F. Miller, D. Bleakney, L. Hickman: The Rationale of Orthopaedic Operative Procedures. AACPD/AIDI, "The Future of Cerebral Palsy: Building on the Past", Alfred I. duPont Institute, Wilmington, DE; May 3/4, 1990

F. Miller, G. Barolat: Rhizotomies - The Debate. AACPD/AIDI, "The Future of Cerebral Palsy: Building on the Past", Alfred I. duPont Institute, Wilmington, DE; May 3/4, 1990

F. Miller: Orthopaedic Surgical Updates in Cerebral Palsy. Therapy Services of DE/AIDI, Alfred I. duPont Institute, Wilmington, DE; May 16, 1990

M. Henderson, M. Rieger, F. Miller, A. Kaelin: The Influence of Parental Age on Idiopathic Adolescent Scoliosis. Scoliosis Research Society Annual Meeting/1990, Honolulu, Hawaii; September 24, 1990

F. Miller: Upper Extremity Problems in Cerebral Palsy. Alfred I. duPont Institute, Fall Seminar, Wilmington, DE; October 13, 1990

F. Miller: Plating in Hip Osteotomy. OR Staff, Alfred I. duPont Institute, Wilmington, DE; November 12, 1990

F. Miller: Prospects for Gait Lab Analysis. Research Conference, Alfred I. duPont Institute, Wilmington, DE; November 28, 1990

M. Bagg, F. Miller: Long-term Follow-up of Spastic Hip Subluxation in Cerebral Palsy. AAOS Annual Meeting/1991, Anaheim, CA; March 12, 1991

F. Miller: From Disabled Child to Enabled Adult. Family Practice Group, St. Francis Hospital, Wilmington, DE; March 14, 1991

F. Miller: Orthopaedic Management of Cerebral Palsy. Neurology Conference, Alfred I. duPont Institute, Wilmington, DE; May 17, 1991

F. Miller, M. Bagg: Age on Migration Index as Risk Factors in Progressive Spastic Hip Subluxation. POSNA Annual Meeting/1991, Dallas, TX; May 13, 1991

F. Miller: Spastic Hip Disease - A Treatment Plan. Walter Reed Army Medical Center, Washington, D.C.; September 10, 1991

F. Miller: Unit Rod Instrumentation of Scoliosis in Cerebral Palsy. SRS Annual Meeting/1991, Minneapolis, MN; September 24/27, 1991

F. Miller: Spastic Hip Disease - An Update. Fall Seminar, Alfred I. duPont Institute, Wilmington, DE; October 5, 1991

M. Bagg, J. Farber, F. Miller: Long-term Follow-up of Hip Subluxation in Cerebral Palsy. AACPD Annual Meeting/1991, Louisville, KY; October 9-12, 1991

F. Miller, M. Bagg: Age and Migration Index as Risk Factors for Progression of Spastic Hip Disease. AACPD Annual Meeting/1991, Louisville, KY; October 9-12, 1991

F. Miller, Y. Liang, M. Merlo: Measuring Femoral Anteversion and Neck-shaft Angles in Children with Cerebral Palsy. AACPD Annual Meeting/1991, Louisville, KY; October 9-12, 1991

T. Temple, F. Miller: Correction of Scoliosis in Cerebral Palsy: A Comparison Study of Luque Versus Unit Rods. AACPD Annual Meeting/1991, Louisville, KY; October 9-12, 1991

F. Miller: Pediatric Orthopaedic Problems for the Therapist. Pediatric Physical Therapy Students, Hahnemann University, Alfred I. duPont Institute, Wilmington, DE; November 26, 1991

F. Miller: Upper Extremity Surgeries in Cerebral Palsy Children. AIDI Occupational Therapy Department, Alfred I. duPont Institute, Wilmington, DE; February 11, 1992

F. Miller: Femoral Osteotomies in Spastic Children with No Postoperative Immobilization Activity Restriction. American Academy of Orthopaedic Surgeons 59th Annual Meeting, Washington, D.C.; February 23, 1992

F. Miller: The Link from the Medical to the Preschool Setting. The Young Child from Head to Toe - An Early Intervention Conference sponsored by the Lancaster-Lebanon Interagency Coordinating Council, Lancaster, PA; April 25, 1992

F. Miller: Treatment of Hip Dislocation in Cerebral Palsy with Dega Pelvic Osteotomy without Postoperative Immobilization. Pediatric Orthopaedic Society of North America Annual Meeting/1992, Newport, RI; May 7/10, 1992

F. Miller: Pediatric Orthopaedic Surgery with Emphasis on the Child with Cerebral Palsy. Presented to Masters level physical therapy students of Hahnemann University, Alfred I. duPont Institute, Wilmington, DE; May 12, 1992

F. Miller: Treatment of Hip Dislocation in Cerebral Palsy with Dega Pelvic Osteotomy and No Postoperative Immobilization. American Academy of Cerebral Palsy & Developmental Medicine Annual Meeting/1992, San Diego, CA; October 1-3, 1992

F. Miller: Long-term Follow-up of Triple Arthrodesis in Patients with Cerebral Palsy. American Academy of Orthopaedic Surgeons Annual Meeting/1993, San Francisco, CA; February 17-21, 1993

F. Miller: The Impact of Spinal Orthosis on Scoliosis Curve Pattern Rate in Children with Cerebral Palsy. American Academy of Orthopaedic Surgeons Annual Meeting/1993, San Francisco, CA; February 17-21, 1993

F. Miller: Accreditation for Diagnostic Gait Laboratory: Is It Necessary? East Coast Gait Lab Annual Conference, Rochester, MN; May 5-8, 1993

F. Miller: Cerebral Palsy Overview. Hahnemann University Physical Therapy Graduate Students, Hahnemann University Hospital, Philadelphia, PA; May 20, 1993

F. Miller: Orthopaedic Management for Physical Therapists. Delaware Valley Pediatric Special Interest Group, Delaware Valley, PA; May 20, 1993

F. Miller: The Surgical Approach for Spastic Hip Dislocation. The International Conference & Updating of Orthopaedic Treatment of Cerebral Palsy, Milan, Italy; May 25-30, 1993

F. Miller: Our Experience in the Correction of Neuromuscular Scoliosis. The International Conference & Updating of Orthopaedic Treatment of Cerebral Palsy, Milan Italy; May 25-30, 1993

F. Miller: Cerebral Palsy Overview/Scoliosis in General. Alfred I. duPont Pediatric Department, Wilmington, DE; June 10, 1993

F. Miller: An Overview of Orthopaedic Treatment in Muscle Diseases. Normal & Pathologic Gait Analysis. Walter Reed Army Hospital, Washington, D.C.; August 17, 1993

F. Miller: The Impact of Spinal Orthosis on Scoliosis Curve Pattern & Progression Rate in Children with Cerebral Palsy. Scoliosis Research Society Annual Meeting/1993, Dublin, Ireland; September 19-24, 1993

F. Miller: Long-term Follow-up of Triple Arthrodesis in Patients with Cerebral Palsy. American Academy of Cerebral Palsy & Developmental Medicine Annual Meeting/1993, Nashville, TN; October 5-9, 1993

F. Miller: The Impact of Spinal Orthosis on Scoliosis Curve Pattern and Progression Rate in Children with Cerebral Palsy. American Academy of Cerebral Palsy & Developmental Medicine Annual Meeting/1993, Nashville, TN; October 5-9, 1993

F. Miller: Heterotopic Ossification Following Hip and Spine Surgery in Children with Cerebral Palsy. American Academy of Cerebral Palsy & Developmental Medicine Annual Meeting/1993, Nashville, TN, October 5-9, 1993

F. Miller: Gait Analysis: A Case Study. Alfred I. duPont Institute Fall Seminar, Wilmington, DE; October 23, 1993



F. Miller: Treatment of Spastic Hip Dislocation. Delaware Society of Orthopaedic Surgeons Annual Meeting/1993, Wilmington, DE; November 12, 1993

F. Miller: Etiology of Cerebral Palsy. Alfred I. duPont Institute Applied Science & Engineering Laboratories & the Rehabilitation Services Administration of the U.S. Department of Education Symposium "A Physical Disabilities Primer", Wilmington, DE; January 28, 1994

F. Miller: Stiff Leg and Crouched Gait in Cerebral Palsy. Johns Hopkins University 2nd Annual Gait Analysis Course/1994, Baltimore, MD; May 7, 1994

F. Miller: Orthopaedic Management in Cerebral Palsy. Alfred I. duPont Institute Rehab Seminar, Wilmington, DE; May 18, 1994

F. Miller: Surgical Treatment of Spastic Hip Disease. El Nino Con Trastorno Motor/Multidisciplinary Symposium, Resistencia, Argentina; May 25/28, 1994

F. Miller: Correction of Scoliosis in Cerebral Palsy. El Nino Con Trastorno Motor/Multidisciplinary Symposium, Resistencia, Argentina; May 25/28, 1994

F. Miller: Upper Extremity Problems in Children with Cerebral Palsy. El Nino Con Trastorno Motor/Multidisciplinary Symposium, Resistencia, Argentina; May 25/28, 1994

F. Miller: Cerebral Palsy: A Multidisciplinary Approach. El Nino Con Trastorno Motor/Multidisciplinary Symposium, Resistencia, Argentina; May 25/28, 1994

F. Miller: Lower Extremity Problems in Cerebral Palsy; Gait Analysis Use to Decide Treatment. El Nino Con Trastorno Motor/Multidisciplinary Symposium, Resistencia, Argentina; May 25/28, 1994

F. Miller: Orthopaedic Perspective in Cerebral Palsy. El Nino Con Trastorno Motor/Multidisciplinary Symposium, Resistencia, Argentina; May 25/28, 1994

F. Miller: Gait Analysis of Stiff Knee & Crouched Gait in Cerebral Palsy. Johns Hopkins Biomechanical Symposium, Baltimore, MD, October 27/28, 1994

F. Miller: Current Status & Future of Clinical Gait Analysis. National Advisory Board on Medical Rehabilitation Research, National Institute of Health, Bethesda, MD; November 1, 1994

F. Miller: Special Problems in Cerebral Palsy; Hypotonic Hip, Anterior Dislocation; Developmental Dislocated Hip, Spastic Dislocated Hip, Inferior Dislocation. Pediatric Orthopaedic Society of North America Spastic Hip Tutorial, Alfred I. duPont Institute, Wilmington, DE; November 3/4, 1994

F. Miller: Chronic Fractures in Spinal Cord Injured Children with Spastic Hip Disease. Shriners/AAOS Meeting, Phoenix, AZ; December 8/10, 1994

F. Miller: Treatment of Hip Dislocation in Cerebral Palsy Using Peri-ileal Osteotomy & Immediate Mobilization. AAOS Annual Meeting, Orlando, FL; February 15/19, 1995

F. Miller: Principles of Plating; Principles of Application - DCP, LC-DCP. Orthopaedic Trauma: Team Approach to Fracture Management, Crozer Chester Medical Center, Chester, PA; April 22/23, 1995

F. Miller: Factors Predicting Post-op Complications for Neuromuscular Scoliosis & Spinal Fusions in Cerebral Palsy. POSNA Annual Meeting, Miami, FL; April 29/May 4, 1995

F. Miller: Using Objective Measurements from Peditobarograph Data to Assess Foot Deformity. 2nd Annual North American Gait Lab Conference, Waterloo, Ontario, Canada; May 31/June 4, 1995

F. Miller: Updates in Cerebral Palsy for Physical Therapists. Allied Health Services, Scranton, PA; June 10, 1995

F. Miller: Treatment of the Cerebral Palsied Hip. Walter Reed Army Hospital, Bethesda, MD; September 19, 1995

F. Miller: Factors Predicting Postoperative Complications for Neuromuscular Scoliosis and Spinal Fusions in Children with Cerebral Palsy. American Academy of Cerebral Palsy & Developmental Medicine Annual Meeting/1995, Philadelphia, PA; September 27/30, 1995

F. Miller: Gait Analysis in Children with Cerebral Palsy. Unite D'Orthopedic Pediatrique C.T.O. de la Cra, de Strasbourg, France; October 12, 1995

F. Miller: Treatment of Gait Problems in Children with Cerebral Palsy. Centre Hospitalier Regional de la Citadelle, Leige, Belgium; October 18, 1995

F. Miller: Treatment of Spastic Hip Dislocation in Children with Cerebral Palsy. Pediatric Orthopaedic Society of the Republic of China, Taoyuan, Taiwan; April 7/14, 1996

F. Miller: The Impact of EMG pattern on the Outcome of Rectus Transfer. 1<sup>st</sup> Annual Meeting of the North American Society of Gait & Clinical Movement, Birmingham, AL; April 20/23, 1996

F. Miller: Etiology of Spastic Hip Disease. Diagnosis & Preventative Treatment of Subluxing Hips. Special Problems Including Hypotonic Hip, Anterior dislocation, DDH & SDH, Inferior Dislocation. POSNA/AIDI Spastic Hip Tutorial, Alfred I. duPont Institute, Wilmington, DE; November 7/8, 1996

F. Miller: A Technique for Normalization of Oxygen Cost during Self-Paced Walking. 2<sup>nd</sup> Annual Meeting of the North American Society of Gait & Clinical Movement, Chicago, IL; April 9/12, 1997

F. Miller: Reliability of Kinetics during Clinical Gait Analysis: A Comparison between Normal and Children with Cerebral Palsy. 2<sup>nd</sup> Annual Meeting of the North American Society of Gait & Clinical Movement, Chicago, IL; April 9/12, 1997

F. Miller: Testing a Normalization Index in Cerebral Palsy Gait Analysis. 2<sup>nd</sup> Annual Meeting of the North American Society of Gait & Clinical Movement, Chicago, IL; April 9/12, 1997

F. Miller: The Prediction of Post-Operative Gait Patterns Using Neural Networks. 2<sup>nd</sup> Annual Meeting of the North American Society of Gait & Clinical Movement, Chicago, IL; April 9/12, 1997

F. Miller: Evaluation of the Mechanical Etiology of Spastic Hip Dislocation by Using Computer Simulation Model of the Hip Forces. Pediatric Orthopaedic Society of North America's Annual Meeting/1997, Banff, Alberta, Canada, May 14/17, 1997

F. Miller: Spastic Hip Subluxation in Children with Cerebral Palsy. National Association of Orthopaedic Nurses Annual Congress, Philadelphia, PA; May 20, 1997

F. Miller: Overview & Management of Cerebral Palsy. Management of Spastic Hip Disease. Treating Gait Problems in Children with Cerebral Palsy. 2<sup>nd</sup> Annual Congress of CANeO, Capitulo Argentino de Neuroortopedia, Buenos Aires, Argentina; September 3/7, 1997

F. Miller: Effects of Bracing on Gait of Children with Cerebral Palsy. 3<sup>rd</sup> Annual Meeting of the North American Society of Gait & Clinical Movement, San Diego, CA; April 15/18, 1998

F. Miller: Walking Function in Children with Cerebral Palsy – Stride, Adapability & Gross Motor Function. 3<sup>rd</sup> Annual Meeting of the North American Society of Gait & Clinical Movement, San Diego, CA; April 15/18, 1998

F. Miller: Cerebral Palsy – Where Are the Changes? POSNA Annual Meeting/1998, Cleveland, OH; May 6/9, 1998

F. Miller: Valgus Foot in the Ambulatory Child with Spastic Diplegia. 1<sup>st</sup> Annual Nemours Foundation International Pediatric Orthopaedic Symposium, Orlando, FL; May 19/24, 1998

F. Miller: Risk of Spastic Hip Subluxation – Age & Migration Percentages as Predictors. 1<sup>st</sup> Annual Nemours Foundation International Pediatric Orthopaedic Symposium, Orlando, FL; May 19/24, 1998

F. Miller: Orthopaedist's View of Rhizotomy & Baclofen Pumps – 1998. 1<sup>st</sup> Annual Nemours Foundation International Pediatric Orthopaedic Symposium, Orlando, FL; May 19/24, 1998

F. Miller: Orthopaedic Approach to Cerebral Palsy. Jornadas Internacionales de Ortopedia Infantil de Asociacion Rosarina de Ortopedia y Traumatologia, Rosario, Argentina; September 23/25, 1998

F. Miller: The Spastic Hip. Jornadas Internacionales de Ortopedia Infantil de Asociacion Rosarina de Ortopedia y Traumatologia, Rosario, Argentina; September 23/25, 1998

F. Miller: Gait Analysis in Cerebral Palsy. Jornadas Internacionales de Ortopedia Infantil de Asociacion Rosarina de Ortopedia y Traumatologia, Rosario, Argentina; September 23/25, 1998

F. Miller: The Spastic Spine. Jornadas Internacionales de Ortopedia Infantil de Asociacion Rosarina de Ortopedia y Traumatologia, Rosario, Argentina; September 23/25, 1998

F. Miller: Multispecialty Approach of Cerebral Palsy. Jornada Internacionales de Ortopedia Infantil de Asociacion Rosarina de Ortopedia y Traumatologia, Rosario, Argentina; September 23/25, 1998

F. Miller: Maximizing Gait Function in Children with Spasticity. 12<sup>th</sup> Annual Meeting of the Mexican Pediatric Orthopaedic Congress, Ixtapa, Guerrero, Mexico; November 16/20, 1998

F. Miller: Treatment of Spastic Hip Disease. 12<sup>th</sup> Annual Meeting of the Mexican Pediatric Orthopaedic Congress, Ixtapa, Guerrero, Mexico; November 16/20, 1998

F. Miller: Managing Spasticity via Botox, Baclofin, Rhizotomy. 12<sup>th</sup> Annual Meeting of the Mexican Pediatric Orthopaedic Congress, Ixtapa, Guerrero, Mexico; November 16/20, 1998

F. Miller: Understanding & Managing Planovalgus Foot. 12<sup>th</sup> Annual Meeting of the Mexican Pediatric Orthopaedic Congress, Ixtapa, Guerrero, Mexico; November 16/20, 1998

F. Miller: Cerebral Palsy: Overview & Update of Musculoskeletal Management. Visiting Professor at Marshfield Clinic, Marshfield, WI; February 19, 1999

F. Miller: The Impact of Muscle Fiber Length in Modeling the Mechanical Affect of Lengthening Spastic Hamstrings. 4<sup>th</sup> Annual Meeting of the North American Gait & Clinical Movement Society, Dallas, TX; March 10/13, 1999

F. Miller: Overview of Experience, Outcome and Future Use of Baclofen Pump Implantation. GLANeO Annual Meeting/1999, Orlando, FL; May 14/16, 1999

F. Miller: Rhizotomy/Baclofen Pump: Orthopaedic Perspective. 2<sup>nd</sup> Annual Nemours Foundation International Pediatric Orthopaedic Symposium, Chicago, IL; May 26/29, 1999

F. Miller: Spastic Hip Subluxation & Dislocation in the Non-Ambulatory Child: Natural History & Treatment. 2<sup>nd</sup> Annual Nemours Foundation International Pediatric Orthopaedic Symposium, Chicago, IL; May 26/29, 1999

F. Miller: Neuromuscular Scoliosis. 2<sup>nd</sup> Annual Nemours Foundation International Pediatric Orthopaedic Symposium, Chicago, IL; May 26/29, 1999

F. Miller: Introduction to Cerebral Palsy. Grupo de Doencas Neuro-Musculares, Orthopaedic Departament of the Santa Casa Medical School, Faculdade de Ciencias Medicas de Santa Casa de Sao Pauol, Santa Casa de Misericordia de Sao Paulo, Sao Paulo, Brazil; September 7/11, 1999

F. Miller: Spastic Hip Disease. Grupo de Doencas Neuro-Musculares, Orthopaedic Departament of the Santa Casa Medical School, Faculdade de Ciencias Medicas de Santa Casa de Sao Paulo, Santa Casa de Misericordia de Sao Paulo, Sao Paulo, Brazil; September 7/11, 1999

F. Miller: Gait Problems in Cerebral Palsy. Grupo de Doencas Neuro-Musculares, Orthopaedic Department of the Santa Casa Medical School, Faculdade de Ciencias Medicas de Santa Casa de Sao Paulo, Santa Casa de Misericordia de Sao Paulo, Sao Paulo, Brazil; September 7/11, 1999

F. Miller: Scoliosis in Cerebral Palsy. Grupo de Doencas Neuro-Musculares, Orthopaedic Department of the Santa Casa Medical School, Faculdade de Ciencias Medicas de Santa Casa de Sao Paulo, Santa Casa de Misericordia de Sao Paulo, Sao Paulo, Brazil; September 7/11, 1999

F. Miller: Managing Spasticity. Grupo de Doencas Neuro-Musculares, Orthopaedic Department of the Santa Casa Medical School, Faculdade de Ciencias Medicas de Santa Casa de Sao Paulo, Santa Casa de Misericordia de Sao Paulo, Sao Paulo, Brazil; September 7/11, 1999

F. Miller: Foot Deformities in Cerebral Palsy. Grupo de Doencas Neuro-Musculares, Orthopaedic Department of the Santa Casa Medical School, Faculdade de Ciencias Medicas de Santa Casa de Sao Paulo, Santa Casa de Misericordia de Sao Paulo, Sao Paulo, Brazil; September 7/11, 1999

F. Miller: Upper Extremity in Cerebral Palsy. Grupo de Doencas Neuro-Musculares, Orthopaedic Department of the Santa Casa Medical School, Faculdade de Ciencias Medicas de Santa Casa de Sao Paulo, Santa Casa de Misericordia de Sao Paulo, Sao Paulo, Brazil; September 7/11, 1999

F. Miller: The Effects of Knee Immobilizers in Hamstring Length in Children with Cerebral Palsy. American Academy of Cerebral Palsy & Developmental Medicine Annual Meeting/1999, Washington, D.C.; September 15/17, 1999

F. Miller: Spinal Deformity in Cerebral Palsy. Frank Stelling Lectureship, guest lecturer, Shriners Hospital for Children, Greenville, SC; November 17/18, 1999

F. Miller: Upper Extremity Deformities in Cerebral Palsy. Frank Stelling Lectureship, guest lecturer, Shriners Hospital for Children, Greenville, SC; November 17/18, 1999

F. Miller: Upper Extremity Management in Cerebral Palsy. University of Alberta/Glenrose Research Hospital, Edmonton, Alberta, Canada; November 25/26, 1999

F. Miller: Spinal Deformity Management in Cerebral Palsy. University of Alberta/Glenrose Research Hospital, Edmonton, Alberta, Canada; November 25/26, 1999

F. Miller: Identifying Trends of Lower Extremity Passive Range of Motion & Relationships Between Static Measures & Gait Patterns in Typically Developing Children. North American Gait & Clinical Movement Society Annual Meeting/2000, Rochester, MN; April 12/15, 2000

F. Miller: Complications of Proximal Femoral Osteotomies Using Blade Plate Fixation & Immediate Mobilization in Children with Cerebral Palsy. Pediatric Orthopaedic Society of North America Annual Meeting/2000, Vancouver, Canada; April 29/May 3, 2000

F. Miller: Overview of Cerebral Palsy. United Cerebral Palsy Center, Hurffville, NJ; September 5, 2000

F. Miller: Planovalgus Foot Deformity in Children with Cerebral Palsy. American Academy of Cerebral Palsy & Developmental Medicine Annual Meeting/2000, Toronto, Canada; September 20/24, 2000

F. Miller: Treatment of Spinal Deformity in Cerebral Palsy. Turkish Pediatric Orthopaedic Society Annual Meeting/2000, Istanbul, Turkey; October 13, 2000

F. Miller: Treatment of Hip Problems in Cerebral Palsy. Turkish Pediatric Orthopaedic Society Annual Meeting/2000, Istanbul, Turkey; October 13, 2000

F. Miller: Treatment of Gait Problems in Cerebral Palsy. Turkish Pediatric Orthopaedic Society Annual Meeting/2000, Istanbul, Turkey; October 13, 2000

F. Miller: Overview Approach of the Treatment of the Child with Cerebral Palsy. Turkish Pediatric Orthopaedic Society Annual Meeting/2000, Istanbul, Turkey; October 13, 2000

F. Miller: Overview Approach of the Treatment of the Child with Cerebral Palsy. Department of Neurology Seminar, University of Ankara, Ankara, Turkey; October 15, 2000

F. Miller: Approach of the Treatment of Gait Problems and Gait Analysis in the Child with Cerebral Palsy. Department of Neurology Seminar, University of Ankara, Ankara, Turkey; October 15, 2000

F. Miller: Managing Scoliosis in Children with Cerebral Palsy. Department of Orthopaedics Grand Rounds, Orthopadische Universitätsklinik, Heidelberg, Germany; October 25, 2000

F. Miller: The Management of the Paralytic Hip. Pediatric Orthopaedic Society of Brazil Annual Meeting/2001, Florianopolis, Brazil; March 29, 2001

F. Miller: Gait Problems in Children with Cerebral Palsy. Pediatric Orthopaedic Society of Brazil Annual Meeting/2001, Florianopolis, Brazil; March 30, 2001

F. Miller: Foot Deformities in Spastic Children. Pediatric Orthopaedic Society of Brazil Annual Meeting/2001, Florianopolis, Brazil; March 31, 2001

F. Miller: Radial Head Subluxation in Cerebral Palsy. European Pediatric Orthopaedic Society 20<sup>th</sup> Meeting, Montpellier, France; April 4, 2001

F. Miller: General Overview and the Orthopedic Treatment of Cerebral Palsy. U.O.A. Ortopedia Pediatrica, Alessandria, Italy; April 9, 2001

F. Miller: Long-Term Follow-up of Surgeries for Equinovarus Deformity in Cerebral Palsy. Pediatric Orthopaedic Society of North America Annual Meeting/2001, Cancun, Mexico; May 4, 2001

F. Miller: Use of Rhizotomy as a Therapeutic Option in Spasticity. 4<sup>th</sup> International Conference of Developmental Disorders, Monterrey, Mexico; May 17, 2001

F. Miller: Simple Options of Gait Analysis. 4<sup>th</sup> International Conference of Developmental Disorders, Monterrey, Mexico; May 17, 2001

F. Miller: Intrathecal Baclofen Therapy in the Ambulatory Child with Spasticity of Cerebral Origin. 4<sup>th</sup> International Conference of Developmental Disorders, Monterrey, Mexico; May 17, 2001

F. Miller: Surgical Intervention for the Foot and Ankle. Cerebral Palsy Conference, duPont Hospital for Children, Wilmington, DE; June 7, 2001

F. Miller: Orientation to Parents of Children with Cerebral Palsy. Centro de Educacion Cientifica, Caracas, Venezuela; June 21, 2001

F. Miller: Advances in Treatment and Technology for the Spastic Child. Centro de Educacion Cientifica, Caracas, Venezuela; June 21, 2001

F. Miller: Overview of the Spastic Child. Centro de Educacion Cientifica, Caracas, Venezuela; June 22, 2001

F. Miller: Use of Baclofen Pump in the Treatment of Children. Centro de Educacion Cientifica, Caracas, Venezuela; June 22, 2001



F. Miller: Orthopedic Surgery in the Diplegic Child. Centro de Educacion Cientifica, Caracas, Venezuela; June 22, 2001

F. Miller: Surgical Correction of Spinal Deformities Cerebral Palsy Patients Using the Unit Rod Instrumentation, POSNA, Salt Lake City, UT; May 3, 2002

F. Miller: Comparison of Primary and Repeated Hamstring Lengthening in Children with Spasticity, POSNA, Salt Lake City, UT May 3, 2002

F. Miller: Spasticity Treatment in Children With Cerebral Palsy: New Approaches Using Intrathecal Baclofen, SICOT/SIROT 2002 XXII World Congress, San Diego, CA, August 23-30, 2002

F. Miller, W-N. Chang, A.I. Tsirikos, N. Lennon, J. Schuyler, L. Kerstetter: Comparison of Primary and Repeated Distal Hamstring Lengthening in Ambulatory Children With Spasticity. American Academy for Cerebral Palsy and Developmental Medicine Annual Meeting, New Orleans, LA September 12-13, 2002.

A.I. Tsirikos, W-N Chang, K.W. Dabney, F. Miller: Spinal Realignment in Pediatric Patients With Cerebral Palsy Using the Unit Rod Instrumentation. Scoliosis Research Society 37<sup>th</sup> Annual Meeting, Seattle, WA September 18-21, 2002.

F. Miller: Hip Deformities. Curso de Paralisia Cerebral. Departamento de Ortopedia e Traumatologia da Santa Casa de Sao Paulo Pavilhao "Fernandinho Simonsen", Sao Paulo, Brasil, November 29, 2002.

F. Miller: Gait. Curso de Paralisia Cerebral. Departamento de Ortopedia e Traumatologia da Santa Casa de Sao Paulo Pavilhao "Fernandinho Simonsen", Sao Paulo, Brasil, November 29, 2002.

F. Miller: Knee Deformities. Curso de Paralisia Cerebral. Departamento de Ortopedia e Traumatologia da Santa Casa de Sao Paulo Pavilhao "Fernandinho Simonsen", Sao Paulo, Brasil, November 29, 2002.

F. Miller: Crouch Gait. Curso de Paralisia Cerebral. Departamento de Ortopedia e Traumatologia da Santa Casa de Sao Paulo Pavilhao "Fernandinho Simonsen", Sao Paulo, Brasil, November 29, 2002.

F. Miller: Spinal Deformities. Curso de Paralisia Cerebral. Departamento de Ortopedia e Traumatologia da Santa Casa de Sao Paulo Pavilhao "Fernandinho Simonsen", Sao Paulo, Brasil, November 30, 2002.

F. Miller: Upper Limb Deformities. Curso de Paralisia Cerebral. Departamento de Ortopedia e Traumatologia da Santa Casa de Sao Paulo Pavilhao "Fernandinho Simonsen", Sao Paulo, Brasil, November 30, 2002.

F. Miller: Equinovalgus Foot. Curso de Paralisia Cerebral. Departamento de Ortopedia e Traumatologia da Santa Casa de Sao Paulo Pavilhao "Fernandinho Simonsen", Sao Paulo, Brasil, November 30, 2002.

F. Miller: Spasticity. Curso de Paralisia Cerebral. Departamento de Ortopedia e Traumatologia da Santa Casa de Sao Paulo Pavilhao "Fernandinho Simonsen", Sao Paulo, Brasil, November 30, 2002.

A. Presedo, K. W. Dabney, F. Miller: Fractures in Patients With Cerebral Palsy. European Paediatric Orthopaedic Society, 22<sup>nd</sup> Annual Meeting, London, England, April 2-5, 2003.

A. I. Tsirikos, W-N. Chang, K. W. Dabney, F. Miller: Surgical Correction of Spinal Deformities in Cerebral Palsy Patients Using the Unit Rod Instrumentation. European Paediatric Orthopaedic Society, 22<sup>nd</sup> Annual Meeting, London, England, April 2-5, 2003.

F. Miller: The duPont Approach to Managing the Child with Cerebral Palsy. Physical Therapy Association of R.O.C. (Taiwan), April 13, 2003.

F. Miller: Managing the Gait Impairment in Cerebral Palsy. Orthopedic Management for Neuromuscular Disease, Pediatric Orthopaedic Society of Taiwan. April 2003.

F. Miller: Cerebral Spasticity and Its Measurement. Nemours Symposium on Pediatric Medical Research, Neurological Injury, Wilmington, DE, April 28, 2003.

F. Miller: Treatment of Scoliosis in Cerebral Palsy. Cerebral Palsy Symposium, Milan, Italy, June 6, 2003.

F. Miller: Spasticity in Pediatric Cerebral Palsy. An Advanced Course on ITB Therapy, Medtronic, Baltimore, MD, August 15-16, 2003.

F. Miller: Management of Spasticity. Nemours Symposium on Pediatric Medical Research, Pelizaeus-Merzbacher Disease (PMD), Wilmington, DE, August 18, 2003.

F. Miller: Manejo de lacadera espática, displásica y luxada. XXIX Congreso Ecuatoriano de Ortopedia y Traumatologia, Sociedad Ecuatoriana de Ortopedia y Traumatologia SEOT, Quito, Ecuador, August 20-23, 2003.

F. Miller: Manejo de escoliosis neuromuscular. XXIX Congreso Ecuatoriano de Ortopedia y Traumatología, Sociedad Ecuatoriana de Ortopedia y Traumatología SEOT, Quito, Ecuador, August 20-23, 2003.

F. Miller: Manejo de deformidades del pie plano valgo y equino varo en parálisis cerebral. XXIX Congreso Ecuatoriano de Ortopedia y Traumatología, Sociedad Ecuatoriana de Ortopedia y Traumatología SEOT, Quito, Ecuador, August 20-23, 2003.

F. Miller: Manejo de las deformidades de miembros superiores en niños con espasticidad. XXIX Congreso Ecuatoriano de Ortopedia y Traumatología, Sociedad Ecuatoriana de Ortopedia y Traumatología SEOT, Quito, Ecuador, August 20-23, 2003.

A. Presedo, K. W. Dabney, F. Miller: Fractures in Patients with Cerebral Palsy. American Academy for Cerebral Palsy and Developmental Medicine, Montreal, Quebec, Canada, September 10-13, 2003.

F. Miller: Technique for Unit Rod Instrumentation. Scoliosis Research Society Tutorial on Neuromuscular Scoliosis, Alfred I. duPont Hospital for Children, Wilmington, DE, November 6-7, 2003.

F. Miller: Assessment of Planovalgus Feet in Children With Cerebral Palsy. NIH and Shriners Conference, Washington, DC, November 15, 2003.

F. Miller: Qué es la toxina botulínica? (What is Botulinum Toxin?). 40° Congreso Argentino y 1° Congreso Franco Argentino de Ortopedia y Traumatología, Buenos Aires, Argentina, November 30-December 4, 2003.

F. Miller: El manejo de la espasticidad con toxina botulínica. (The Management of Spasticity with Botulinum Toxin). 40° Congreso Argentino y 1° Congreso Franco Argentino de Ortopedia y Traumatología, Buenos Aires, Argentina, November 30-December 4, 2003.

F. Miller: Patología del pie en la parálisis cerebral. (Foot Pathology in Cerebral Palsy). 40° Congreso Argentino y 1° Congreso Franco Argentino de Ortopedia y Traumatología, Buenos Aires, Argentina, November 30-December 4, 2003.

F. Miller: Spinal Deformity in Cerebral Palsy. 2004 Rainbow Visiting Professor, Rainbow Babies and Children's Hospital, Cleveland, OH, January 23, 2004.

F. Miller: Evaluating Gait Deformities. 2004 Rainbow Visiting Professor, Rainbow Babies and Children's Hospital, Cleveland, OH, January 23, 2004.

F. Miller: Spastic Hip Disease. 2004 Rainbow Visiting Professor, Rainbow Babies and Children's Hospital, in conjunction with Cleveland Orthopaedic Society, Cleveland, OH, January 24, 2004.

F. Miller: Spastic Flatfeet and Predicting Outcomes. 2004 Rainbow Visiting Professor, Rainbow Babies and Children's Hospital, in conjunction with Cleveland Orthopaedic Society, Cleveland, OH, January 24, 2004.

F. Miller: Management of spastic spinal deformities. 2004 II Eastern Mediterranean Meeting on Cerebral Palsy & Developmental Medicine, Santorini, Greece, May 13-16, 2004

F. Miller: Gait analysis as a diagnostic tool in spastic gait: 2004 II Eastern Mediterranean Meeting on Cerebral Palsy & Developmental Medicine, Santorini, Greece, May 13-16, 2004

F. Miller: Spastic Hip Disease: 43<sup>rd</sup> Annual Dillehunt Memorial Lecture, Shriners Hospital for Children, May 21-22, 2004

F. Miller: Spinal deformity in Cerebral Palsy: 43<sup>rd</sup> Annual Dillehunt Memorial Lecture, Shriners Hospital for Children, May 21-22, 2004

F. Miller: Foot deformities in Cerebral Palsy: The unscientific approach to medicine: 43<sup>rd</sup> Annual Dillehunt Memorial Lecture, Shriners Hospital for Children, May 21-22, 2004

F. Miller: Managing Spasticity: 43<sup>rd</sup> Annual Dillehunt Memorial Lecture, Shriners Hospital for Children, May 21-22, 2004

F. Miller: What not to do with spastic foot problems. 3<sup>rd</sup> IFPOS Congress, International Federation of Pediatric Orthopedic Societies, VI Brazilian Pediatric Orthopedic Society Meeting, Brazil, September 3-6, 2004

F. Miller: Spastic foot and spastic hip pathologies, 3<sup>rd</sup> IFPOS Congress, International Federation of Pediatric Orthopedic Societies, VI Brazilian Pediatric Orthopedic Society Meeting, Brazil, September 3-6, 2004

## **POSTER SESSION PRESENTATIONS:**

F. Miller, M. Sussman, W. Stamp: The Use of Bone Allograft: A Survey of Current Practice. American Academy of Orthopaedics Annual Meeting/1993, Anaheim, CA; March 10, 1983

M. Henderson, M. Rieger, F. Miller, A. Kaelin: The Influence of Parental Age on Idiopathic Adolescent Scoliosis. Scoliosis Research Society Annual Meeting/1990, Honolulu, Hawaii; September 23-27, 1990

R. Beauchesne, F. Miller: Femoral Osteotomy Using AO Fixed-angle Blade Plate in Children. Society of Military Orthopaedic Surgeons Annual Meeting/1990, Williamsburg, VA; November 11-16, 1990

F. Miller, T. Temple, Unit Rod Instrumentation in Cerebral Palsy Patients. Scoliosis Research Society Annual Meeting/1991, Minneapolis, MS; September 24-27, 1991

F. Miller: Changes in ESR in Children With Spastic Quadriplegia. American Academy of Cerebral Palsy & Developmental Medicine Annual Meeting/1992, San Diego, CA; October 1-3, 1992

F. Miller: Evaluation of the Mechanical Etiology of Spastic Hip Dislocation. Pediatric Orthopaedic Society of North America Annual Meeting/1994, Memphis, TN; May 11/14, 1994

F. Miller: Interactive Pediatric Orthopaedic Education Utilizing a World Wide Web Site. American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, CA; February 12/17, 1996

F. Miller: D. Huisenga: The Effects of Knee Immobilizers in Hamstring Length in Children with Cerebral Palsy. American Academy of Cerebral Palsy & Developmental Medicine Annual Meeting, Washington, D.C.; September 15/17, 1999

F. Miller: Intrathecal Baclofen Pump Implantation Before, During, Or After Posterior Spinal Fusion in Children with Cerebral Palsy. Pediatric Orthopaedic Society of North America Annual Meeting, Salt Lake City, UT; May 1/3, 2002

W-N. Chang, A.I. Tsirikos, F. Miller, N. Lennon, R. Starr, J. Schuyler, L. Kerstetter: Comparison of Primary and Repeated Hamstring Lengthening in Children with Spasticity. 7<sup>th</sup> Annual Meeting of the Gait and Clinical Movement Analysis Society; Chattanooga, TN; April 17/20, 2002

J. Richards, T. Royer, J. Schuyler, F. Miller: Changes in Heel and Forefoot Loading After Gastrocnemius Fascia Lengthening. 7<sup>th</sup> Annual Meeting of the Gait and Clinical Movement Analysis Society; Chattanooga, TN; April 17/20, 2002

W-N. Chang, J. Schuyler, A.I. Tsirikos, F. Miller, T.A. Niiler, R. Starr, N. Lennon, L. Kerstetter: Using the Shape Analysis Method to Recognize the Pattern and Analyze the Variability of Kinesiological Surface Electromyography in Normal Children; 7<sup>th</sup> Annual Meeting of the Gait and Clinical Movement Analysis Society; Chattanooga, TN; April 17/20, 2002

A.I. Tsirikos, W-N Chang, S. A. Shah, F. Miller: Acquired Atlantoaxial Instability in Pediatric Patients With Spastic Cerebral Palsy. Scoliosis Research Society 37<sup>th</sup> Annual Meeting, Seattle, WA; September 18-21, 2002

A.I. Tsirikos, W-N Chang, K. W. Dabney, F. Miller: Comparison of One-Stage Versus Two-Stage Anterior-Posterior Spinal Fusion in Pediatric Patients With Cerebral Palsy and Neuromuscular Scoliosis. Scoliosis Research Society 37<sup>th</sup> Annual Meeting, Seattle, WA; September 18-21, 2002

S. A. Shah, A. Aroojis, K. W. Dabney, F. Miller: Intrathecal Baclofen Pump Implantation Before, During, or After Posterior Spinal Fusion in Children With Cerebral Palsy. Scoliosis Research Society 37<sup>th</sup> Annual Meeting, Seattle, WA; September 18-21, 2002

K. W. Dabney, G. E. Lipton, F. Miller: The Correction of Sagittal Plane Spinal Deformities in Children With Cerebral Palsy. Scoliosis Research Society 37<sup>th</sup> Annual Meeting, Seattle, WA; September 18-21, 2002

A. I. Tsirikos, W-N. Chang, K. W. Dabney, F. Miller, J. Glutting: Life Expectancy in Pediatric Patients With Cerebral Palsy and Neuromuscular Scoliosis Who Underwent Spinal Fusion. European Paediatric Orthopaedic Society, 22<sup>nd</sup> Annual Meeting, London, England, April 2-5, 2003.

A. I. Tsirikos, W-N. Chang, K. W. Dabney, F. Miller, J. Glutting: Life Expectancy in Pediatric Patients With Cerebral Palsy and Neuromuscular Scoliosis Who Underwent Spinal Fusion. British Spine Society, Edinburgh, England, May 10-12, 2003. Won Best Poster Award.

A. I. Tsirikos, W-N. Chang, K. W. Dabney, F. Miller, J. Glutting: Life Expectancy in Pediatric Patients With Cerebral Palsy and Neuromuscular Scoliosis Who Underwent Spinal Fusion. Scoliosis Research Society Meeting, Quebec City, Montreal, Canada, September 10-13, 2003. Won Best Poster Award.

A. Presedo, C-W Oh, K. W. Dabney, F. Miller: Long Term Outcome of Soft Tissue Release for Hip Subluxation in Children with Cerebral Palsy. American Academy for Cerebral Palsy and Developmental Medicine, Montreal, Quebec, Canada, September 10-13, 2003.