

March 26, 2025

From October 18 through 22, 2014, I, Beverly Cusick, PT, MS, NDT, COF/BOC, trained the following three clinicians who were on staff at Centro Terapias Reabilitação in Campinas, Brasil:

Márisa Paro, Physiotherapist

Marina Junqueira Airoidi, Physiotherapist, Clinic Director

Raísa Sousa, Physiotherapist

The same clinicians remain on staff today. I trained them to demonstrate competence in the following aspects of serial casting:

- Undertaking reliable clinical evaluation procedures for the ankle and foot
- Explaining and implementing the scientific principles supporting serial casting
- The fabrication and optimization of below-knee casts for children with equinus deformity related to cerebral palsy, habitual toe walking and traumatic brain injury.

I have returned to Campinas to work with this team twice since 2014, in 2018 and in 2024, and have seen that they have used this training in their clinic frequently with no incidents and with excellent results.

Please see below a list of my publications and training events pertaining to serial casting since 1978 below.



Beverly Cusick, PT, MS, NDT, COF/BOC
President, Progressive GaitWays, LLC

PUBLICATIONS:

- ◆ *Team Considerations for Managing Equinus Deformity in Children*. O&P Almanac, 2022; March: 26-31
- ◆ *Help Patients Manage Equinus Deformity*. O&P Business News, 2011; April: 74-77.
- ◆ *Serial Casting and Other Equinus Deformity Management Strategies for Children and Adults with CNS Dysfunction* (2010) by Beverly Cusick, published by GaitWays.
- ◆ *Foot Talk* (2009), a 2-hour lecture on functional foot anatomy and closed chain biomechanics, accompanied by a set of Power Point handouts of the same lecture.
- ◆ *Serial Casting for the Restoration of Soft Tissue Extensibility in the Ankle and Foot* (2007 and 2009).
- ◆ *Legs & Feet: A Review of Musculoskeletal Assessments* (1997, revised 2005) (video/DVD).
- ◆ *Serial Casting to Restore Soft Tissue Extensibility in the Ankle and Foot* (2000), a monograph.
- ◆ *Progressive Casting and Splinting for Lower Extremity Deformity in Children with Neuromotor Dysfunction* (1990), a full-length text.
- ◆ *Serial Casts: Their Use in the Management of Spasticity-Induced Foot Deformity* (1990).
- ◆ Several textbook chapters, articles for journals, conference proceedings, and professional newsletters, including a series (2006 and 2007) on Pediatric Orthopedics for the NDTA Network.

"Development and Conservative Management of Pediatric Equinus Deformity—Part 1" – 11.5 hours, preparation for part 2 – lab sessions.

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SERIAL CASTING WORKSHOPS: *[The following are locations and dates of workshops on the use of below-knee casts specifically for stability and alignment for children with cerebral palsy. Cusick was primary or sole instructor.]*

1978: Children's Rehab Center, Charlottesville, VA: Oct. 30-31. 1980: Washington, D.C. Chapter of APTA, Washington, DC: Feb. 4-5.

1980: Continuing Educ. Div., Johns Hopkins University, Mt. Washington Pediatric Hospital, Baltimore, MD: Sept. 27-28.

1981: CRC, Charlottesville, VA: April 6-7.

1981: United Cerebral Palsy Association, Syracuse, NY: May 3-4.

1981: Children's Heart Hospital, Philadelphia, PA: May 18-19.

1981: William Beaumont Hospital, Royal Oak, MI: Nov. 21-22.

1982: Dialogues in Contemporary Rehab., Mary Fiorentino (coord) Mt. Sinai Hosp., Hartford, CT: Feb. 20-21 & March 27-28.

1982: Five Counties Children's Centre, Peterborough, Ontario, Canada: June 25-26.

1982: Rehab Institute of Pittsburgh, Pittsburgh, PA: Nov. 13-14.

1982: Clinical Facilities Division of PT, School of Allied Health Professions, UNC at Chapel Hill: Dec. 4-5.

1995: TW, Telluride, CO: (Contracture Mgt./Casting: Foot/Ankle/Hamstrings): Jan.11-15.

1996: TW, Charlottesville, VA: Sept. 30 - Oct. 1.

1999: PT staff training. (Casting only) : Jackson Memorial Hospital, Miami, FL: May 14-16.

1999: "Part 2: Update on Rehabilitation Strategies, Taping for Neuromuscular Re-education and Serial Casting Techniques." Wright & Filippis, Inc. Rochester Hills, MI: Oct. 14-17.

2000: "Part 2: Serial Casting and Splinting Practicum" CityKids, Inc. Chicago, IL: Sept 23-24.

2000: "Part 2: Update on Rehabilitation Strategies, Taping for Neuromuscular Re-education, and Serial Casting Techniques.

Wright & Filippis, Inc. Rochester Hills, MI: Oct. 16-19.

2001: "Developmental /Closed-Chain Biomechanics with a Serial Casting Practicum." St. Louis Children's Hospital. Host: Washington Univ .School of Medicine. St. Louis, MO: August 5-11.

2002: PG, Telluride, CO: "Serial Casting; Why and How" Jan. 16-19.

2002: Lorelei Orthotics, Inc. "Serial Casting, Why and How" NY, NY: July 13,14

2004: PG, Telluride, CO: "Serial Casting, Why and How" Private Tutorial. Dec. 12-15

2009: PG, Telluride, CO: "Serial Casting, Why and How" Private Tutorial. Feb. 3-7.

2009: PG, Telluride, CO: "Serial Casting, Why and How" Private Tutorial. March 24-28.

2009: PG, Telluride, CO: "Serial Casting, Why and How" Private Tutorial. July 11-17.

2009: PG, Telluride, CO: "Serial Casting, Why and How" Private Tutorial. Sept 22-26.

2010: KK Women's and Children's Hospital, Singapore: "Pediatric Ankle & Foot Deformity Management Using Orthoses & Serial Casting: Why & How" - November 22-27.

2011: Carolina Ped Ther Coop – Rock Hill, SC: "Pediatric Foot & Ankle Deformity Mangmt with Serial Casting – Why & How" - Apr 19-23.

2012: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting, Why and How" - January 23-27.

2012: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting, Why and How" –Feb 27-March 2.

2012: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting, Why and How"– March 12-16. 2012:

PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting, Why and How"– August 6-11.

2012: Carolina Ped Ther Coop – Rock Hill, SC: "Pediatric Foot & Ankle Deformity Management with Serial Casting, Why and How", Oct 8-13.

2012: Ciner Rehab Center, Buenos Aires, Argentina: "Pediatric Foot & Ankle Deformity Management with Serial Casting, Why and How", Nov 2-10.

2013: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting - Why & How" – January 6-13. 2013: PG,

Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting - Why & How" – January 27-31.

2014: Grandview Rehab Center, Oshwa, Ontario, Canada –"Pediatric Foot & Ankle Deformity Management with Serial Casting – Why & How" - January 14-21.

2014: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" - July 14-19.

2014: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" - July 21-26.

2014: "New Paradigms in Pediatric Foot Deformity Management" – Centro Therapies de Rehabilitation – Campinas, Brazil – October 18-22.

2015: Rusk Rehab Center/NYU Hospital, NY, NY: "Pediatric Foot & Ankle Deformity Management with Serial Casting – Why & How"- Feb 12-16.

2015: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" - April 20-25.

2015: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How"- April 27-May 2.

2015: Ottawa Children's Treatment Centre, Ottawa, Ontario, Canada: "Pediatric Foot & Ankle Deformity Management with Serial Casting – Why & How" – September 25-29.

2016: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" - April 25-30.

2016: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" – August 15-20.

2017: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" - April 17-22.

2017: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" - August 14-19.

2018: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" – April 16-21.

2018: Propel Physical Therapy, Kernersville, NC "Pediatric Foot & Ankle Development & Deformity Management with Serial Casting" – May 15-19.

2018: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" – August 13-18.

2018: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" – October 22-27.

2019: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" – April 22 - 27.

2019: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" – April 29 - May 4.

2019: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" – Oct 21 - 26.

2019: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" – Oct 28 - Nov 2.

2020: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" – Oct 28 – Nov 2

2021: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" – April 26 - May 1

2021: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" – April 26 - May 1

2021: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" – April 26 - May 1

2021: The Children's Center – Rehabilitation Hospital, Bethany, OK: Pediatric Foot & Ankle Development & Deformity Management with Serial Casting - Why & How - October 11-15

2021: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How" – Oct 31-Nov 5

2022: New Paradigms in Pediatric Equinus Deformity Management – Expanded, Instytut Dzielny Mis sp. z o.o., Swi tojerska 5/7 street, 00-236 Warsaw, Poland, Oct 15-16.

2022 : PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How, Nov 6-11

2023: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How, Apr 23-28

2023: PG, Telluride, CO: "Pediatric Foot & Ankle Deformity Management with Serial Casting: Why & How. Oct 22-27

2024: PG, Telluride, CO: "Development and Conservative Management of Pediatric Equinus Deformity—Part 2" April 21-26

2024: Pediatric Triceps Surae Muscle Tone Development, Detection and New Equinus Deformity Management Principles. Am Orthotics & Prosthetics Assoc., Charlotte, NC, Sept 11.

2025: "New Developments in Conservative Equinus Deformity Management", Sparsh Pediatric Rehabi Clinic, Mumbai, India, Feb. 8.