

Infants Born Preterm:

Identifying and Addressing Their Special Needs in Early Infancy to Support Development

Jan McElroy, Ph.D., PT, PCS



Faculty

Jan McElroy, PhD.,PT,PCS graduated from the School of Physical Therapy at the University of Missouri, completed a Master of Science in Physical Therapy and a Ph.D. in Pediatric Science from Rocky Mountain University of Health Professions. She draws from over 40 years of pediatric experience with the 0-3 yr. population in a wide range of settings including NICU, acute care, early intervention, outpatient, and inpatient rehabilitation. Jan owns a private pediatric PT practice in Columbia, MO. Her teaching experience includes clinical, classroom, and continuing education settings. She served as the primary physical therapy faculty on the Maternal-Child Health, LEND grant at the University of Missouri for 20 years. Jan serves on the national developmental care panel to publish developmental care guidelines for the NICU. Her continuing education teaching focuses on baby treatment, assessment and treatment of infants born preterm, serial casting and temporary foot supports, and gait. Jan is co-director of the Rocky Mountain University of Health Professions Continuing Education Series in neonatology and Infant Studies. She is currently serving as the Director of Practice for the APTA Academy of Pediatric Physical Therapists. *Disclosure - Financial Disclosure: Jan McElroy receives an honorarium from Education Resources, Inc. Non-financial disclosure: She has no nonfinancial relationships to disclose.*

About this Course

Have you ever felt “at a loss” when treating a one month old or an infant whose chronological age hasn’t yet reached term? Have you ever assessed an infant born preterm and seen movement issues that weren’t reflected in the norm referenced tests and checklists? In this course, you will learn how to assess and treat movement dysfunction in infants born preterm beginning at NICU discharge. We will assess movement pattern differences on which to build effective treatment interventions and address the challenges unique to this population. Assessment skills will be appropriate for clinic follow-up as well as for use in early intervention programs. Intervention handling and facilitation techniques will be introduced for use during functional activities. You will learn to prioritize and adapt baby treatment techniques to accommodate for the special energy, respiratory, visual, and medical needs of these infants. Interventions and techniques will be appropriate for in-home early intervention and parent coaching. The instructor will use lecture, video, lab, and problem-solving formats. During the lab components, you will learn to treat by working with other class participants and with dolls.

Objectives

- 1 Compare and contrast developmental movement components in infants born full term and preterm from birth
- 2 Identify insufficient and atypical movement components seen in infancy that will interfere with the development of functional activities and development of coordination as the child reaches school age
- 3 Apply knowledge gained about respiratory, visual, auditory, and physical challenges to effectively enhance infant treatment techniques to better meet the needs of pre-term infants and their families
- 4 Identify strengths and weaknesses of assessment tools commonly used for very young infants

Audience

Designed for PTs, PTAs, OTs, OTAs, SLPs, PAs, EI Specialists, and Physicians working with infants born preterm in the 0-3 population. Please bring a beach towel (or yoga mat), a 20" Raggedy Ann type doll, and wear comfortable clothing.

Help your patients achieve better outcomes.

Schedule – Day 1 – 8:00am-5:00pm CST

- 8:00-8:30** Registration/Continental Breakfast
- 8:30-9:30** Applying Synactive, Neuronal and Dynamic Systems theory to interventions and outcomes
- 9:30-10:15** Problem Solving Home Care Activities based on Synactive Theory
- 10:15-10:30** Break
- 10:30-11:30** Theories of Neuronal Group selection and Dynamic Systems
- 11:30-12:00** Problem Solving Home Care Activities (cont)
- 12:00-1:00** Lunch (on your own)
- 1:00-3:00** Comparing Developmental Outcomes of infants born term and preterm...are the differences important?
- 3:00-3:15** Break
- 3:15-5:00** **LAB:** Handling skills - Impact of COM/BOS, gravity, and biomechanics on infant movement

Schedule – Day 2– 7:30am-5:00pm CST 7:30-

- 8:00** Continental Breakfast
- 8:00-10:30** **LAB:** Handling skills: balance between trunk flex/ext, postural control and the complexity of weight shifts
- 10:30-10:45** Break
- 10:45-12:00** The Challenge of Breathing for Infants Born Preterm
- 12:00-1:00** Lunch (on your own)
- 1:00-3:00** **LAB:** Respiration, impact of positioning on movement and development
- 3:00-3:15** Break
- 3:15-5:00** Effect of vision, auditory, GI and MS systems on movement & development

Schedule – Day 3 – 7:30am-4:00pm CST

- 7:30-8:00** Continental Breakfast
- 8:00-10:30** Putting it all together; Techniques, Equipment, and the Systems
- 10:30-10:45** Break
- 10:45-12:00** Evidence based assessment tools - choosing the right tool
- 12:00-1:00** Lunch (on your own)
- 1:00-2:45** **Synthesis activity:** case analysis, video analysis and/or discussion
- 2:45-3:00** Break
- 3:00-4:00** Synthesis activity (continued)

"Jan's course was engaging and easy to follow. She uses videos, LABs and is very open to participant of all disciplines. This was an awesome, informative and useful course. The rich discussions that took place among PTs, OTs, and SLPs helped me immensely. Many Thanks!"

- A. Myers-Morris, SLP

"Jan's passion is evident in her teaching. She is very knowledgeable and teaches the course well. She is one of the best speakers! "

- C. Trapani, PT

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Credits

This course meets the criteria for 21 contact hours (2.1 CEUs) Intermediate Level.



Education Resources Inc. is an AOTA Approved Provider of professional development. Provider #3043. This Distance Learning-Interactive course is offered at 21 contact hours 2.1 CEUs. Intermediate level, OT Service Delivery. AOTA does not endorse specific course content, products, or clinical procedures.

This course can be used toward your NBCOT renewal requirements for 21 units.

This course meets the approval of the TX Board of OT Examiners.



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This program has been submitted for approval of 21 clock hours of continuing education credit by the TX Speech Language-Hearing-Association (TSHA). TSHA approval does not imply endorsement of course content, specific products or clinical procedures.

Most Physical Therapy State Boards accept webinars as a live offering. Please check with your state board to confirm.

Application has been made to the OK Board of Medical Licensure and Supervision for Physical Therapy.

Education Resources, Inc. is an approved provider for Physical Therapy CEUs in the following states: **CA, KY and TX**. The following state boards of physical therapy accept other states' approval: **AK, AR, AZ, DC, DE, GA, HI, ID, IN, KS, MI, MO, MS, NC, OR, PA, RI, SC, UT, VA, VT, WI, WY**. The following state boards of physical therapy either do not require course pre-approval or do not require CEUs for re-licensure: **AL, CO, CT, IA, MA, ME, MT, NE, ND, NH, SD, WA**. 12 hours of this course qualify towards the discipline-specific hours for the 20-hour requirement for NDTA re-certification. They do NOT qualify towards the 8-hour NDTA Instructor requirement for re-certification.

Please contact us with any special needs requests: info@educationresourcesinc.com or 508-359-6533

Locations and Dates – 2022

April 1-3 Houston, TX Texas Children's Hospital

Please note the handout accompanying this course will be available to download 5-7 days prior to the start of the course. You will receive a link with your course confirmation.



\$625 fee. Group rate three or more \$600 (must register together). Deadline for registration is weeks prior to course. Registration will be accepted after deadline on a space available basis. Cancellation accepted up until 2 weeks before course, minus an administration fee of \$75. NO REFUNDS WITHIN 2 WEEKS OF COURSE.

Please make check payable and return to: Education Resources, Inc. 266 Main St., Suite 12 • Medfield, MA 02052 508-359-6533 or 800-487-6530 (outside MA) FAX 508-359-2959 • www.educationresourcesinc.com

Limited enrollment. We encourage you to register online!

Infants Born Preterm/McElroy
April 1-3, 2022/TX

Course Registration Form

Name: _____

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City: _____ State: _____ Zip Code: _____

Home Phone: _____ Work Phone: _____

Cell Phone: _____

Needed in the event of an emergency scheduling change.

Email: _____

Please clearly print your email address for course confirmation

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How did you learn of this course? _____

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