

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 conducting research in lower extremity movement patterns in infants born full-term and preterm, gait, hypotonia, and movement in children with autism. 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

8:00-8:30	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

7:30-8:00	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

7:30-8:00	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: AIMS, NSMDA, TIMO, PDMS-2, GM, TIME
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)

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We invite you to share your ideas with us, post a clinical challenge you are currently facing, or share a great therapy tip with your colleagues. Please visit us on Facebook, LinkedIn and our blog.



"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). **TX** Physical Therapy Association accredited provider. This workshop meets accepted standards for continuing competence as outlined by the **CT** General Statutes. This course satisfies CE Requirements for **WA** Physical Therapists. Application has been made to the NJ Board of Physical Examiners.

Approved provider by the **NY** State Board of Physical Therapy for 25.2 contact hours



Approved provider of continuing education by the American Occupational Therapy Association #3043, for 21 contact hours - Intermediate Level Occupational Therapy Process: assessment, intervention. The assignment of AOTA CEU's does not imply endorsement of specific course content, products or clinical procedures by AOTA.

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



Education Resources, Inc is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This course is offered for up to 2.1 ASHA CEUs (Intermediate Level, Professional area)

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

This course meets the criteria for up to 21 hours toward Neonatal Therapy Certification. 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.

NBCOT professional development provider - 21 PDUs.

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

Locations and Dates – 2020

March 27-29	Danbury, CT	Danbury Hospital
Aug 14-16	Houston, TX	Texas Children's Hospital
Sept 11-13	Olympia, WA	Providence St. Peter Hospital



\$625 fee. Group rate three or more \$600 (must register together). Deadline for registration is 3 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
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Limited enrollment. We encourage you to register online!

Infants Born Preterm/McElroy

☐ March/CT ☐ Aug/TX ☐ Sept/WA

Course Registration Form

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Address: _____

City: _____ State: _____ Zip Code: _____

Home Phone: _____ Work Phone: _____

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Needed in the event of an emergency scheduling change

Email: _____

Please clearly print your email address for course confirmation

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Discipline: _____ Specialty: _____

How did you learn of this course _____

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