

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 the population of infants born preterm. 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 with infants born preterm. You will learn to prioritize and adapt baby treatment techniques to accommodate for the special energy, respiratory, visual, and medical needs of infants born preterm. 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 infants born preterm and their families
- 4 Identify strengths and weaknesses of assessment tools commonly used for very young infants born preterm

Audience

Designed for PTs, PTAs, OTs, OTAs, SLPs, PAs, EI Specialists, and Physicians working with infants born preterm in the 0-3 population.

You should bring a beach towel (or yoga mat), a 20" Raggedy Ann type doll, and wear clothing that is comfortable and easy to move in.

Help your patients achieve better outcomes.

Schedule – Day 1

| | |
|--------------------|--|
| 8:00-8:30 | Registration/Continental Breakfast |
| 8:30-9:00 | Introduction and Course Overview |
| 9:00-9:30 | Synactive Theory, Impact 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 | Handling Lab : Impact of COM/BOS, gravity, and biomechanics on infant movement |

Schedule – Day 2

| | |
|--------------------|---|
| 7:30-8:00 | Continental Breakfast |
| 8:00-8:30 | Review and Questions |
| 8:30-10:30 | Lab : Handling and interventions |
| 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 | Respiration and lab (continued) |
| 3:00-3:15 | Break |
| 3:15-5:00 | The impact of various systems on movement and development (Vision, Auditory, GI, Musculoskeletal) |

Schedule – Day 3

| | |
|--------------------|---|
| 7:30-8:00 | Continental Breakfast |
| 8:00-8:30 | Review and Questions |
| 8:30-10:30 | Putting it all together; Techniques, Equipment, and the Systems |
| 10:30-10:45 | Break |
| 10:45-12:00 | Assessment Tools for Infants Born Preterm |
| 12:00-1:00 | Lunch (on your own) |
| 1:00-2:45 | Synthesis activity |
| 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). **TX** Physical Therapy Association accredited provider. The **GA** and **WI** Boards of PT recognize other state's board's approvals.

Application has been made to the **FL** Physical Therapy Association for 25 continuing education contact hours. Approved sponsor by the State of **IL** Department of Financial and Professional Regulation for Physical Therapy for 25 CEUs. Application has been made to the **IL** EI Training Program.



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 for type 2 CEUs by the **TX** Board of OT Examiners. Approved provider of the **FL** Board of Occupational Therapy.

NBCOT professional development provider - 21 PDUs



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

Locations and Dates - 2019

| | | |
|----------------------|----------------|---------------------------|
| May 31-June 2 | Miami, FL | Baptist Hospital of Miami |
| June 7-9 | Rockford, IL | Swedish American Hospital |
| August 16-18 | Fort Worth, TX | Texas Heath Fort Worth |



\$625 fee. 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.

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Limited enrollment. We encourage you to register online!

Infants Born Preterm/McElroy

May/FL June/IL Aug/TX

Course Registration Form

Name: _____

Address: _____

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

Employer: _____

Discipline: _____ Specialty: _____

How did you learn of this course _____

Education Resources reserves the right to cancel any course due to insufficient registration or extenuating circumstances. Please do not make non-refundable travel arrangements until you have called us and received confirmation that the course will be held. We are not responsible for any expenses incurred by participants if the course must be cancelled.

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