**Getting the PIQ-ture: Assessing and Treating Common Pediatric Patients**

Discuss specific evaluation tools and techniques for prematurity, torticollis, hypotonia, and hypertonia, including the PIQ (posture in positions, initiations and inhibitions) system. Develop personal “resource treasure chest” to assist in the ongoing treatment of patients. Examine treatment ideas and effective interventions for each diagnosis applicable in a variety of treatment settings. Quality and Quantity system. Integrating current research into clinical decision making for the pediatric patient.

Please select a date and location:

- **Burlington - October 24**
- **Albany - October 25**
- **White Plains - October 26**

### Method of Payment

<table>
<thead>
<tr>
<th># of registrants</th>
<th>Total $</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Check Enclosed
- Purchase Order #

**Payable to:** Cross Country Education

**Credit Card:**
- Visa / MC
- Discover
- AmEx

<table>
<thead>
<tr>
<th>Credit Card Number</th>
<th>Exp. Date</th>
<th>Security Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Authorized Signature**

**PLEASE INCLUDE ALL REGISTRATION FORMS WITH PAYMENT**

**Total Registration Fee:**

<table>
<thead>
<tr>
<th></th>
<th>Early*</th>
<th>Regular</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Registrant</td>
<td>$189</td>
<td>$209</td>
</tr>
<tr>
<td>2 to 4**</td>
<td>$179 ea.</td>
<td>$199 ea.</td>
</tr>
<tr>
<td>5 or more**</td>
<td>$169 ea.</td>
<td>$189 ea.</td>
</tr>
</tbody>
</table>

*Registrations received 10 days prior to seminar date.

**Price per person when registering at the same time.**

---

**Getting the PIQ-ture: Assessing and Treating Common Pediatric Patients**

Audio/manual package: $189 plus S&H $8US/$30CAN

No. of copies ___

q audiotapes  q CDs

TN residents add 9.25% state sales tax on audio products only.

---

**Credit Card Number**

<table>
<thead>
<tr>
<th>Credit Card Number</th>
<th>Exp. Date</th>
<th>Security Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Authorized Signature**

**PLEASE INCLUDE ALL REGISTRATION FORMS WITH PAYMENT**

---

**Cross Country Education**

P.O. Box 200
Brentwood, TN 37024

**PHONE** (800) 397-0180

(615) 331-4422

**FAX** (615) 346-5350

**E-mail** CrossCountryEducation.com

www.CrossCountryEducation.com

Continuing education available for Physical Therapists, Occupational Therapists and Nurses.

---

**Expression CrossCountryEducation.com**

USE EXPRESS NUMBER: 220772

PHONE   (800) 397-0180

(615) 331-4422

FAX          (615) 346-5350

Cross Country

EduCation

p.o. Box 200
Brentwood, tn 37024

---

**Express.CrossCountryEducation.com**

**PHONE** (800) 397-0180

(615) 331-4422

**FAX** (615) 346-5350

**TN residents add 9.25% state sales tax on audio products only.**

---

**express.CrossCountryEducation.com**

use express number: 220772

PHONE (800) 397-0180

(615) 331-4422

FAX (615) 346-5350

Cross Country Education

P.O. Box 200
Brentwood, TN 37024

---

**express.CrossCountryEducation.com**

use express number: 220772

PHONE (800) 397-0180

(615) 331-4422

FAX (615) 346-5350

Cross Country Education

P.O. Box 200
Brentwood, TN 37024

---

**express.CrossCountryEducation.com**

use express number: 220772

PHONE (800) 397-0180

(615) 331-4422

FAX (615) 346-5350

Cross Country Education

P.O. Box 200
Brentwood, TN 37024

---

**express.CrossCountryEducation.com**

use express number: 220772

PHONE (800) 397-0180

(615) 331-4422

FAX (615) 346-5350

Cross Country Education

P.O. Box 200
Brentwood, TN 37024

---

**express.CrossCountryEducation.com**

use express number: 220772

PHONE (800) 397-0180

(615) 331-4422

FAX (615) 346-5350

Cross Country Education

P.O. Box 200
Brentwood, TN 37024

---

**express.CrossCountryEducation.com**

use express number: 220772

PHONE (800) 397-0180

(615) 331-4422

FAX (615) 346-5350

Cross Country Education

P.O. Box 200
Brentwood, TN 37024

---

**express.CrossCountryEducation.com**

use express number: 220772

PHONE (800) 397-0180

(615) 331-4422

FAX (615) 346-5350

Cross Country Education

P.O. Box 200
Brentwood, TN 37024

---

**express.CrossCountryEducation.com**

use express number: 220772

PHONE (800) 397-0180

(615) 331-4422

FAX (615) 346-5350

Cross Country Education

P.O. Box 200
Brentwood, TN 37024
Getting the PIQ-ture
Assessing and Treating Common Pediatric Patients

Evaluation and Treatment Plans for Common Pediatric Musculoskeletal and Movement Problems

With the rising incidence of cerebral palsy, survival of the tiniest premature infants, and the increased incidence of torticollis, any professionals working with children in an inpatient, outpatient, school, or home environment will undoubtedly be asked to assess and treat children with movement and neuromuscular disorders. A diagnosis of "cerebral palsy" or "developmental delay" is very general and professionals who are asked to treat a child with one of these or other general diagnoses must have a good understanding of the evaluation tools and treatment options that will guide the provision of an individualized, safe, and effective program for each child.

This one-day seminar will help attendees choose the best assessment tool (standardized and non-standardized) for each patient and get a comprehensive picture of the patient by using an orderly approach for general observations (PIQ-ture). Goal-setting and treatment ideas will be discussed for each type of patient, noting differences between "evidence-based" treatment ideas and standard protocols used. The attendee can expect to leave with many hands-on ideas that can be used immediately in the practice setting, as well as numerous resources and ideas for further study.

Course Director

MICHELLE FRYT LINEHAN, MSPT, PCS, M.Ed., is a licensed physical therapist and APTA Pediatric Certified Specialist with over 26 years of experience working with children in both rehab and educational settings. Currently she works in an outpatient facility in Spokane, Washington, and owns her own practice, Kinetic Kids Physical Therapy, treating children in Idaho. Ms. Linehan previously worked in the field of education, both in the United States and in Africa, as a teacher and state-level administrator for a total of 13 years. She has spent the last 18 years working as a pediatric physical therapist in a variety of settings: hospital acute care, outpatient, school systems, and early intervention programs. Ms. Linehan also previously owned a pediatric physical therapy practice in Georgia, seeing children in their natural environments.

Ms. Linehan received a bachelor’s degree in Elementary Education from the University of Colorado at Colorado Springs in 1980, obtained a master’s degree in Early Childhood Special Education from the University of Washington in Seattle in 1987, and in 1993 she earned her MSPT from Boston University. Ms. Linehan completed the NDT/Bobath 8-week Pediatric course in 1999 and became a Pediatric Certified Specialist through the American Physical Therapy Association in 2002. She has also earned certifications in Threshold Electrical Stimulation and Infant Behavior Assessment. Ms. Linehan views “Evidence-Based Practice” as a necessary aspect of her clinical practice and continually strives to seek effective ways to provide physical therapy services to all of her patients.

Who Should Attend

- Physical Therapists
- Physical Therapist Assistants
- Occupational Therapists
- Occupational Therapy Assistants
- Special Education Teachers
- Preschool and Daycare Educators
- Preschool and Daycare Directors
- Educators
- Early Intervention Staff
- Home Health Personnel
- Rehabilitation Nurses
- Pediatricians
- Physician Assistants
- Nurse Practitioners
What You Will Learn

- Describe the assessment tools available for pediatric motor evaluations and identify which one(s) to use for specific pediatric patients
- Organize information gathered during an evaluation session into a comprehensive report
- Define and describe four common types of pediatric patients seen by motor therapists and school personnel
- Develop a treatment for each of the four types of pediatric patients: children with low tone, high tone, torticollis, and premature infants
- Implement the PIQ-ture assessment tool to complement and complete an evaluation of any pediatric patient

Dates & Locations

BURLINGTON - October 24, 2012
Hilton Burlington
60 Battery St, Burlington, VT 05401  802-658-6500

ALBANY - October 25, 2012
Holiday Inn Schenectady
100 Nott Terrace, Schenectady, NY 12308  518-393-4141

WHITE PLAINS - October 26, 2012
Hampton Inn White Plains Tarrytown
200 W Main St, Elmsford, NY 10523  914-592-5680

Course Hours

Registration begins at 7:30 a.m. The seminar begins at 8:00 a.m. and concludes at 3:30 p.m. Coffee/hot tea provided in a.m. One-hour break for lunch on your own. For late arrivals or early departures, please see amended certificate information under Continuing Education Credit.

INTRODUCTION

ASSESSMENT OF CHILDREN

- Issues with evaluation of children
  - Lois Bly’s Motor Skills Acquisition Check List
- What to evaluate
- Choosing an evaluation tool
- Commonly used norm-referenced tools for general motor skill assessment
  - Bayley Scales of Infant Development
  - Peabody Developmental Motor Scales
  - Movement ABC
  - Bruininks-Oseretsky Test of Motor Performance
- Commonly used criterion-reference pediatric assessment tools
  - Gross Motor Function Measure (88 and 66)
  - GMFCS/MACS
  - School Function Assessment
  - Goal Attainment Scale
- Gathering other pertinent information
  - five senses
  - use of PIQ
    - Posture in Positions, Initiation & Inhibitions, Quality & Quantity
- Evaluation components
  - strength chart
  - gait analysis
  - PT/OT diagnoses vs. medical diagnoses

TORTICOLLIS

- Definition and incidence
- Etiologies
- Evaluation
  - PIQ
  - cranial measurements
  - range of motion
  - motor evaluation
- Intervention ideas
  - positioning
  - range of motion
  - cranial helmets
  - video of assessment and treatment

PREMATURITY

- Definition, incidence, morbidity, causes
- Long-term sequelae
- Evaluation—subjective and objective information
  - complications, feeding, physical aspects
  - PIQ
    - standardized assessments
      - TIMP
    - Alberta Infant Motor Scale
  - reading and responding to infant cues
- Intervention
  - parental education
  - supine vs. prone
  - frequency, location
  - case study

HYPERTONIA

- Definition and incidence
  - spasticity vs. hypertonia
- Assessing children with tone disorders
  - past medical history
  - orthopedic issues
  - standardized assessments
  - PIQ
  - causes of in-toeing
    - Ryder’s test
    - range of motion
    - stretching, quality vs. quantity, Botox
- Treatment ideas
  - strengthening for children with hypertonia
  - balance
  - constraint-induced movement therapy
  - tapping, NMES vs. TES
- Adaptive equipment
  - PBWB
  - standers
- Case study using chart for single goal
- Conclusion

HYPOTONIA

- Definition and clinical characteristics
- Causes
  - non-neurological
  - central
  - peripheral
- Weakness vs. joint laxity vs. low tone
  - measuring joint laxity
- Assessing children with low tone
  - INFANIB
  - Movement Assessment of Infants
  - GMFM, PIQ
  - range of motion
  - sensation and perception—proprioception
- Intervention strategies—moving from diagnosis to treatment
  - task analysis + noted impairments→treatment
  - chart with treatment ideas
  - other ideas (equipment, Hip Helpers, TheraTogs™, SPIO, Kinesiotape®)
  - case study

This is the most beneficial seminar I’ve attended. Michelle explained the material very well and the videos were great.

Brandy Pernicek, PT, Lincoln, Nebraska
Our Guarantee
Cross Country Education is a national leader in high-quality educational products and services for the health care industry. We have trained over one million health care providers, managers, nurses, professionals and key personnel through our seminars, conferences and study programs. Our programs are guaranteed to improve the effectiveness and efficiency of participants. If you attend one of our one-day seminars or purchase an audio product and do not receive the professional or business benefits described in our literature, or have some other professional complaint, please let us know in writing within seven days and we will issue a credit voucher that you or anyone in your facility may use toward another one-day seminar or audio program. All returned audio products and materials must be received in original condition before a replacement is issued. You may contact us at Cross Country Education, P.O. Box 200, Brentwood, TN, 37024.

Confirmations & Cancellations
Confirmations of registration are sent via email within three days of receipt in our office. Add customerservice@crosscountryeducation.com to your email address book to ensure delivery. If you have not received a confirmation, you may call our office at 800-397-0180 or 615-331-4422 to verify registration. Cancellations received at least five working days before the event are refundable less a $20 administrative charge per registrant. There is no refund for cancellations received later; however, a credit will be issued toward a future event or product order. Please note that if you register and do not attend, you are still liable for full payment. Substitutions may be made at any time. The expense of continuing education, when taken to maintain and improve professional skills, may be tax deductible. Please contact your accountant for complete details.

Disclaimer: Any opinions, findings, recommendations or conclusions expressed by the author(s) or speaker(s) do not necessarily reflect the views of Cross Country Education. Cross Country Education reserves the right to substitute a qualified instructor due to unforeseen circumstances. Registrants will not receive a certificate until payment has been received and course has been successfully completed. If payment is not received ten (10) days prior to the seminar, the certificate may not be present at the seminar. If your payment is returned marked NSF it will be represented electronically and a processing fee will be charged as allowed by law.

In-House Training
is Practical, Flexible, Affordable
Choose the topics, speakers, dates and locations that suit your needs, at an affordable price. Continuing education credit available for select professions!
Please call us at (888) 683-4277 or (615) 238-9239 for more information or visit our website at www.CrossCountryEducation.com

Why Commute?
Compute
One-hour webinars for CE in your field
www.CrossCountryEducation.com

Continuing Education Credit

Occupational Therapists, Occupational Therapy Assistants: Cross Country Education is an AOTA Approved Provider of continuing education. This course is offered for 6 AOTA CEUs. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. AOTA Educational level Introductory, Category 2: Occupational Therapy Process.

Nurses: Cross Country Education, LLC is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation. This course is offered for 6 contact hours.

Cross Country Education is an approved provider with the Iowa Board Of Nursing, approved provider #328. This course is offered for 7.2 contact hours.

Physical Therapists: Cross Country Education is recognized by the New York State Education Department’s State Board for Physical Therapy as an approved provider for physical therapy and physical therapist assistant continuing education. This seminar is awarded 7.2 contact hours.

Educators: This educational offering may qualify toward your professional development requirement. The educational offering consists of 6 clock hours. Use this information and your board rules and regulations to calculate professional development/continuing education credit.

Other professions: This educational offering qualifies for 6 continuing education hours as required by many national, state and local licensing boards and professional organizations. Save your course outline and certificate of completion, and contact your own board or organization for specific filing requirements.

Educators: In order to process continuing education, please bring the appropriate license/certification number to the seminar.

Amended certificates: Please note that the credit hours listed above are offered by Cross Country Education and/or boards/associations for a full day’s attendance. In the event of late arrival and/or early departure, amended certificates indicating the actual number of credit hours earned will be provided upon calling Cross Country Education.

ADA: If you require ADA accommodations, please contact Cross Country Education at least two weeks before the seminar date so that arrangements can be made.

Audio Products
Audio products include a comprehensive CD recording (audiotape available on request) and companion course manual. If you are registered to attend this seminar, you may order a set of tapes/CDs available on request) and companion course manual. If you are registered to attend this seminar, you may order a set of tapes/CDs at a reduced fee. Pricing can be found on the registration form, along with shipping and handling. All pricing given in US currency; please call for international rates. You can order online at our website, by faxing or mailing the registration form on this brochure, or by calling 800-397-0180 or 615-331-4422. All material is under copyright; any duplication is unauthorized without written consent from Cross Country Education. Products in stock will typically ship within 5-7 business days. Call for availability.

Register online at express.CrossCountryEducation.com
Use Express Registration Number: 220772