CLINICAL APPROACH TO THE EVALUATION AND TREATMENT OF

Congenital Muscular Torticollis

NOVEMBER 11–12, 2016
Hospital for Special Surgery | New York City

ACCREDITATION This activity has been approved for 6.5 onsite and 6.5 online Physical Therapy Contact Hours for Day 1 and 11.0 onsite Physical Therapy Contact Hours for Days 1 and 2.

Provided by HOSPITAL FOR SPECIAL SURGERY Office of Continuing Medical Education and Department of Rehabilitation

Join us both days onsite!

LIVE STREAMING available for Day 1
LOCATION
Hospital for Special Surgery
Richard L. Menschel Education Center, 2nd Floor
535 East 70th Street, New York, NY 10021

LIVE STREAMING also available for Day 1

STATEMENT OF NEED
This comprehensive program will be presented by a dynamic, experienced interdisciplinary team of therapists, physicians, and an orthotist. Etiology, incidence and differential diagnosis with a special focus on assessment and therapeutic interventions based on recent research and American Physical Therapy Association clinical practice guidelines will be presented in detail. Guidelines for examination and progression of treatment including both traditional and adjunct treatment approaches, as well as discharge will be discussed. Surgical intervention for children with severe cases of torticollis and post-surgical treatment guidelines will be presented. Day 2 will include a hands on laboratory component focusing on therapeutic handling for infants of various ages as well as a live demonstration of assessment and treatment.

TARGET AUDIENCE
This activity is targeted to physical therapists, physical therapist assistants, occupational therapists and certified occupational therapist assistants.

ACCREDITATION AND CREDIT DESIGNATION
Physical Therapists and Physical Therapist Assistants: Hospital for Special Surgery is a New York State Education Department approved provider for physical therapy continuing education. Hospital for Special Surgery designates this activity for a maximum of 6.5 Contact Hours onsite and 6.5 online for Day 1. Hospital for Special Surgery designates this activity for a maximum of 11 Contact Hours onsite for Days 1 and 2. The following states require continuing education units with no state-specific approval: CT, IA, MA, and WA.

This activity is pending approval in Florida and New Jersey. This activity is pending approval for CCUs by the Federation of State Boards of Physical Therapy (FSBPT) and therefore would be accepted by the physical therapy regulatory boards/ agencies in certain U.S. jurisdictions. The CCU amount will be determined by the FSBPT. The physical therapy boards in the following states currently accept the FSBPT certification: AK, AR, AZ, CA, DE, District of Columbia, GA, HI, ID, IL, IN, KS, KY, MI, MO, MS, MT, NC, ND, NE, OR, SC, TN, UT, VA, VT, WI, and WY.

Occupational Therapists and Certified Occupational Therapist Assistants: Hospital for Special Surgery is a New York State Education Department approved provider for occupational therapy continuing education. Hospital for Special Surgery designates this activity for a maximum of 6.5 Contact Hours onsite and 6.5 online for Day 1. Hospital for Special Surgery designates this activity for a maximum of 11 Contact Hours onsite for Days 1 and 2.

This course is considered appropriate for clinicians looking to enhance their skills in the treatment and care of the infant with congenital muscular torticollis. In order to receive physical and occupational therapy credits, a post-course knowledge assessment is required. There is no passing grade requirement.

SPECIAL NEEDS
Hospital for Special Surgery is accessible for individuals with disabilities or special needs. Participants with special needs are requested to contact the Office of Continuing Medical Education at 212.606.1812.

FINANCIAL DISCLOSURE
In accordance with the Accreditation Council for Continuing Medical Education’s Standards for Commercial Support, all CME providers are required to disclose to the activity audience the relevant financial relationships of activity directors, planning committee members, presenters, authors and staff involved in the development of CME content. An individual has a relevant financial relationship if he or she has a financial relationship in any amount occurring in the last 12 months with a commercial interest whose products or services are discussed in the CME activity content over which the individual has control.

It is the policy of Hospital for Special Surgery to request all financial relationships that activity directors, planning committee members, presenters, authors and staff have with commercial interests, but to disclose to the activity audience only the relevant financial relationships.

FOR MORE INFORMATION
Go to www.hss.edu/cme for a complete calendar of scheduled live and online CME activities.

LEARNING OBJECTIVES
HSS continuing medical education activities are intended to improve the quality of patient care and safety.

Upon completion of Day 1, participants will:
■ Define congenital muscular torticollis.
■ Describe three accepted theories on the etiology of congenital muscular torticollis.
■ List three related clinical findings associated with congenital muscular torticollis.
■ Explain the incidence and prognosis of congenital muscular torticollis.
■ Recall at least two variations in an infant’s development as affected by congenital muscular torticollis.
■ List the steps of at least one evidence-based examination test and measure used for assessment of the infant with congenital muscular torticollis and be able to perform the steps of this test or measure.
■ Identify relevant red flags for differential diagnosis during an examination of an infant with congenital muscular torticollis.
■ Recall at least two evidence-based principles of treatment progression and discharge criteria and apply these principles in practice as appropriate.
■ List the four action statements from the evidence based guidelines for physical therapy management of congenital muscular torticollis.
■ Identify two indications for surgery and one for bracing.

Upon completion of Day 2, participants will:
■ Identify at least one handling technique appropriate for an infant with congenital muscular torticollis at 0–6, 6–9 and 9–12 months of age.
■ Describe the steps in TOT collar fitting and implement the technique in practice.
■ Design and be able to justify a treatment plan for an infant with congenital muscular torticollis.
## Activity Agenda

**Friday, November 11, 2016**
**Day 1 ONSITE & LIVE STREAMING**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 am</td>
<td>Breakfast/Registration*</td>
</tr>
<tr>
<td>8:55 am</td>
<td>Opening Remarks*</td>
</tr>
</tbody>
</table>
| 9:00 am | Congenital Muscular Torticollis Overview  
Kelsie Ganshert, PT, DPT       |
| 9:20 am | Differential Diagnosis–Surgical Intervention  
Shevaun M. Doyle, MD          |
| 9:50 am | Evidence-Based Practice in Torticollis  
Jennifer Jezequel, PT, DPT, PCS |
| 10:10 am | Panel Discussion  
Shevaun M. Doyle, MD  
Kelsie Ganshert, PT, DPT  
Jennifer Jezequel, PT, DPT, PCS |
| 10:30 am | Break*                                                                   |
| 10:45 am | Developmental Asymmetries in Infants with Congenital Muscular Torticollis  
Jennifer Paszko, PT, DPT, PCS, C/NDT |
| 11:30 am | Infant Examination  
Corinne Slevin, PT, DPT, MS, PCS, C/NDT   |
| 12:00 pm | Panel Discussion  
Corinne Slevin, PT, DPT, MS, PCS, C/NDT |
| 12:20 pm | Lunch* (on your own)                                                    |
| 1:20 pm | Treatment Guidelines  
Frances Baratta-Ziska, PT, DPT, MS, PCS, C/NDT |
| 2:00 pm | Post-Surgical Treatment Guidelines and Bracing  
Magda Oledzka, PT, DPT, MBA, PCS, C/NDT |
| 2:45 pm | Panel Discussion  
Magda Oledzka, PT, DPT, MBA, PCS, C/NDT |
| 3:05 pm | Break*                                                                   |
| 3:20 pm | plagiocephaly  
Karen Resnik, PT, DPT, PCS                                                    |
| 3:30 pm | Cranial Orthoses  
Jessica Driscoll, CPO                                                |
| 3:50 pm | Sensory and Oral Motor Implications  
Lorene Janowski, DPS, OTR/L, MS, C/NDT                                    |
| 4:10 pm | Family Education and Home Programs  
Dianne Scully, PT, DPT, PCS                                            |
| 4:30 pm | Guidelines for Progression Towards Discharge  
Lisa Drefus, PT, DPT                                        |
| 4:45 pm | Panel Discussion  
Lisa Drefus, PT, DPT  
Jessica Driscoll, CPO  
Lorene Janowski, DPS, OTR/L, MS, C/NDT  
Karen Resnik, PT, DPT, PCS  
Dianne Scully, PT, DPT, PCS |
| 5:00 pm | Adjourn*                                                                |

---

**Saturday, November 12, 2016**
**Day 2 ONSITE ONLY**

**REGISTER NOW!**  
Two-Day registration limited to 40 participants.  
Day 2 Lab Sessions are hands-on activities taught by HSS Rehabilitation Faculty. Participants should wear comfortable clothing for lab sessions and bring a doll with flexible joints for practice.

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 am</td>
<td>Breakfast/Registration*</td>
</tr>
<tr>
<td>8:55 am</td>
<td>Opening Remarks*</td>
</tr>
</tbody>
</table>
| 9:00 am | Warm Up Exercises, Basic Stretches, Myofascial Release Techniques  
Kelsie Ganshert, PT, DPT |
| 9:30 am | Therapeutic Handling of the Infant 0-6 Months  
Corinne Slevin, PT, DPT, MS, PCS, C/NDT |
| 9:50 am | Treatment Demonstration 0-6 months  
Jennifer Paszko, PT, DPT, PCS, C/NDT |
| 10:35 am | Break*                                                                                       |
| 10:50 am | Therapeutic Handling of the Infant 6-9 Months  
Jennifer Jezequel, PT, DPT, PCS |
| 11:20 am | Therapeutic Handling of the Infant 9-12 Months  
Lisa Drefus, PT, DPT |
| 11:50 am | Lunch* (on your own)                                                                        |
| 12:50 pm | Treatment Demonstration of the Infant 6-12 months  
Frances Baratta-Ziska, PT, DPT, MS, PCS, C/NDT |
| 1:35 pm | TOT Collar Fitting and Kinesio Taping  
Karen Resnik, PT, DPT, PCS |
| 2:05 pm | Collaborative Group Case Studies and Troubleshooting Strategies  
Panel of HSS Faculty |
| 2:50 pm | Panel Discussion  
Panel of HSS Faculty |
| 3:15 pm | Adjourn*                                                                                    |

---

* Not designated for credit.  
Faculty and agenda subject to change.
Program Faculty

ACTIVITY DIRECTORS
Frances Baratta-Ziska, PT, DPT, MS, PCS, C/NDT
Clinical Supervisor
Pediatric Rehabilitation
Hospital for Special Surgery

Corinne Slevin, PT, DPT, MS, PCS, C/NDT
Clinical Supervisor
Pediatric Rehabilitation
Hospital for Special Surgery

GUEST FACULTY
Jessica Driscoll, CPO
Eschen Prosthetics and Orthotics
New York, NY

HSS FACULTY
Shevaun M. Doyle, MD
Associate Attending Orthopaedic Surgeon
Associate Professor of Orthopaedic Surgery
Weill Cornell Medicine

Lisa Drefus, PT, DPT
Advanced Clinician
Pediatric Rehabilitation

Kelsie Ganshert, PT, DPT
Advanced Clinician
Pediatric Rehabilitation

Lorene Janowski, DPS, OTR/L, MS, C/NDT
Advanced Clinician
Pediatric Rehabilitation

Jennifer Jezequel, PT, DPT, PCS
Staff Therapist
Pediatric Rehabilitation

Magda Oledzka, PT, DPT, MBA, PCS, C/NDT
Director
Pediatric Rehabilitation

Jennifer Paszko, PT, DPT, PCS, C/NDT
Assistant Manager
Pediatric Rehabilitation

Karen Resnik, PT, DPT, PCS
Staff Therapist
Pediatric Rehabilitation

Dianne Scully, PT, DPT, PCS
Staff Therapist
Pediatric Rehabilitation

PROGRAM COORDINATOR
Wanda Napolitano
Senior Marketing and Events Coordinator
Professional Education
Education & Academic Affairs

Can’t join us onsite Day 2?
Live stream or come to HSS for a full-day of lectures, discussions and case studies on Friday, November 11th!

HSS eAcademy
HOSPITAL FOR SPECIAL SURGERY
Earn CME/CEU credit online through our on-demand offerings
www.hss.edu/eAcademy

Highlights for Rehabilitation Professionals
- Pediatric Core Curriculum
- Managing Adolescents with Cerebral Palsy: Transitioning to Adulthood
- Surgical Videos
Payment By Mail
Make check payable to: Hospital for Special Surgery
Mail registration form to: Hospital for Special Surgery Professional Education Department Education & Academic Affairs 535 East 70th Street New York, NY 10021

Confirmations
All registered participants will receive a confirmation via email.

Refund Policy
A handling fee of $75 is deducted for cancellation. Refund requests must be received by mail one week prior to the course. No refund will be made thereafter.

Hospital for Special Surgery reserves the right to cancel this course. In the unlikely event the course is cancelled, HSS will issue a full refund of the registration fee, but will not be responsible for any other charges incurred by the registrant due to the cancellation of the course.

For More Information Please Contact
Wanda Napolitano
Senior Events and Marketing Coordinator Professional Education Education & Academic Affairs Tel: 212.606.1812 Email: napolitanow@hss.edu

Parking & Accommodations
For information on parking and accommodations, please go to www.hss.edu/visitor-information.asp and view our Neighborhood Directory. Local accommodations are limited and early reservations are recommended.

Transportation
Airport: LaGuardia (LGA) is 8 miles northeast of the city. Kennedy International (JFK) is 15 miles southeast of the city. Newark International (EWR) is 16 miles southwest of the city.
Bus: M72, M31 stop at East 69th Street and York Avenue.
Subway: Nearest line is the 6 train stop at East 68th Street and Lexington Avenue.
Car (FDR Drive): Driving south, exit at 71st Street. Driving north, exit at 63rd Street. Continue on York Avenue.
Parking: Parking garages are located in the area.

WAYS TO REGISTER
Register and pay online at www.hss.edu/cme.
Register by mail using the registration form.

Program Registration
Congenital Muscular Torticollis
NOVEMBER 11–12, 2016

PLEASE PRINT LEGIBLY

<table>
<thead>
<tr>
<th>First Name</th>
<th>MI</th>
<th>Last Name</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Degree</th>
<th>Affiliation/Network Practice (if applicable)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Email Address*</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Street Address</th>
<th>Suite/Apt #</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>City</th>
<th>State</th>
<th>Zip Code</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Daytime Phone</th>
<th></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>$</th>
<th>Amount Enclosed</th>
<th>American Express</th>
<th>MasterCard</th>
<th>Visa</th>
<th>Check Enclosed</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Credit Card #</th>
<th>Exp. Date</th>
</tr>
</thead>
</table>

Signature

*Your email address is required for administrative purposes. Please note that we may use your email to communicate with you regarding updates and content from Education & Academic Affairs. You can unsubscribe at any time.

How did you hear about this course?
- Print Brochure
- Email Blast
- HSS Website
- Journal Advertisement
- Handout
- Recommendation
- Other
- Facebook
- LinkedIn

Registration Fees
Registration fees include breakfast for onsite participants, online access to lecture handouts, and credits. All registered participants will receive a confirmation via email.

Registration closes on November 6, 2016 at 5 pm.

<table>
<thead>
<tr>
<th></th>
<th>EARLY BIRD RATE</th>
<th>REGULAR RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Closes 10/14/2016 at 5 pm</td>
<td>Closes 11/6/2016 at 5 pm</td>
</tr>
<tr>
<td>Onsite Day 1 &amp; 2</td>
<td>$473</td>
<td>$550</td>
</tr>
<tr>
<td>Onsite Day 1</td>
<td>$225</td>
<td>$300</td>
</tr>
<tr>
<td>Online Day 1</td>
<td>$124</td>
<td>$200</td>
</tr>
</tbody>
</table>

HSS Rehabilitation Network members will receive a 20% discount.

A 10% discount is available for groups of 3 or more from the same organization. Registrations must be received together. Please contact Wanda Napolitano for details.

For day-of registration for the onsite course, add $75 to the appropriate category above (available only if space permits—please call first).

Please note: Registration will not be processed unless accompanied by payment.

Please note: This program may be recorded, filmed or photographed. By attending this program, you give permission to Hospital for Special Surgery to use your voice and likeness for any purpose (promotional, educational, or other), in any medium, and without remuneration of any kind to you.

All rights reserved. © 2016 Hospital for Special Surgery. Design: Randy Hawke. Education Marketing & Digital Communications. Hospital for Special Surgery is an affiliate of Weill Cornell Medical College.

How did you hear about this course?
- Print Brochure
- Email Blast
- HSS Website
- Journal Advertisement
- Handout
- Recommendation
- Other
- Facebook
- LinkedIn

Please note: Registration will not be processed unless accompanied by payment.

Please note: This program may be recorded, filmed or photographed. By attending this program, you give permission to Hospital for Special Surgery to use your voice and likeness for any purpose (promotional, educational, or other), in any medium, and without remuneration of any kind to you.

All rights reserved. © 2016 Hospital for Special Surgery. Design: Randy Hawke. Education Marketing & Digital Communications. Hospital for Special Surgery is an affiliate of Weill Cornell Medical College.

For More Information Please Contact
Wanda Napolitano
Senior Events and Marketing Coordinator Professional Education Education & Academic Affairs Tel: 212.606.1812 Email: napolitanow@hss.edu

Parking & Accommodations
For information on parking and accommodations, please go to www.hss.edu/visitor-information.asp and view our Neighborhood Directory. Local accommodations are limited and early reservations are recommended.

Transportation
Airport: LaGuardia (LGA) is 8 miles northeast of the city. Kennedy International (JFK) is 15 miles southeast of the city. Newark International (EWR) is 16 miles southwest of the city.
Bus: M72, M31 stop at East 69th Street and York Avenue.
Subway: Nearest line is the 6 train stop at East 68th Street and Lexington Avenue.
Car (FDR Drive): Driving south, exit at 71st Street. Driving north, exit at 63rd Street. Continue on York Avenue.
Parking: Parking garages are located in the area.

Program Registration
Congenital Muscular Torticollis
NOVEMBER 11–12, 2016

PLEASE PRINT LEGIBLY

<table>
<thead>
<tr>
<th>First Name</th>
<th>MI</th>
<th>Last Name</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Degree</th>
<th>Affiliation/Network Practice (if applicable)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Email Address*</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Street Address</th>
<th>Suite/Apt #</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>City</th>
<th>State</th>
<th>Zip Code</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Daytime Phone</th>
<th></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>$</th>
<th>Amount Enclosed</th>
<th>American Express</th>
<th>MasterCard</th>
<th>Visa</th>
<th>Check Enclosed</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Credit Card #</th>
<th>Exp. Date</th>
</tr>
</thead>
</table>

Signature

*Your email address is required for administrative purposes. Please note that we may use your email to communicate with you regarding updates and content from Education & Academic Affairs. You can unsubscribe at any time.

How did you hear about this course?
- Print Brochure
- Email Blast
- HSS Website
- Journal Advertisement
- Handout
- Recommendation
- Other
- Facebook
- LinkedIn

Registration Fees
Registration fees include breakfast for onsite participants, online access to lecture handouts, and credits. All registered participants will receive a confirmation via email.

Registration closes on November 6, 2016 at 5 pm.

<table>
<thead>
<tr>
<th></th>
<th>EARLY BIRD RATE</th>
<th>REGULAR RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Closes 10/14/2016 at 5 pm</td>
<td>Closes 11/6/2016 at 5 pm</td>
</tr>
<tr>
<td>Onsite Day 1 &amp; 2</td>
<td>$473</td>
<td>$550</td>
</tr>
<tr>
<td>Onsite Day 1</td>
<td>$225</td>
<td>$300</td>
</tr>
<tr>
<td>Online Day 1</td>
<td>$124</td>
<td>$200</td>
</tr>
</tbody>
</table>

HSS Rehabilitation Network members will receive a 20% discount.

A 10% discount is available for groups of 3 or more from the same organization. Registrations must be received together. Please contact Wanda Napolitano for details.

For day-of registration for the onsite course, add $75 to the appropriate category above (available only if space permits—please call first).

Please note: Registration will not be processed unless accompanied by payment.

Please note: This program may be recorded, filmed or photographed. By attending this program, you give permission to Hospital for Special Surgery to use your voice and likeness for any purpose (promotional, educational, or other), in any medium, and without remuneration of any kind to you.

All rights reserved. © 2016 Hospital for Special Surgery. Design: Randy Hawke. Education Marketing & Digital Communications. Hospital for Special Surgery is an affiliate of Weill Cornell Medical College.