



**HASSENFELD  
CHILDREN'S  
HOSPITAL  
AT NYU LANGONE**

The Lorna Ramos Course:  
**Care of the Pediatric  
Brachial Plexus Patient**

**Hosted by Hassenfeld Children's Hospital**

**November 9  
8 am to 5 pm**

**NYU Langone Hospital**  
Alumni Hall B  
550 1st Avenue  
New York, NY 10016

**November 10    November 11  
8 am to 6 pm    8 am to 1 pm**

**NYU Langone Orthopedic Hospital**  
Loeb Auditorium  
301 E. 17th Street  
New York, NY 10003

**Course Faculty:**

Israel Alfonso, MD, Nicklaus Children's Hospital, Miami, Florida  
Aaron Berger, MD, PhD, Nicklaus Children's Hospital, Miami, Florida  
Kim Durlacher, BScOT, MRSc, CHT, B.C. Children's Hospital, Vancouver  
Yvette Elias, MS, OTR/L, CHT, Nicklaus Children's Hospital, Miami, Florida  
John AI Grossman, MD, Nicklaus Children's Hospital, Miami, Florida  
Jacques Hacquebord, MD, NYU Langone Orthopedic Hospital, New York  
Emily Ho, B.Sc., OT Reg (Ont), MEd Hospital for Sick Kids, Toronto  
Denise Justice, OTR/L, Michigan Medicine, Ann Arbor  
Stacy Kirsch, MS, OTR/L, C/NDT, NYU Langone Orthopedic Hospital, NY  
Michele Pasqueletto, BS, MOT, OTR/L, CHT, Hand Therapy NYC, NY  
Andrew E Price, MD, NYU Langone Orthopedic Hospital, New York  
Lori B Ragni, MS, OTR/L, ATRIC, NYU Langone Orthopedic Hospital, NY  
Rachel Sarshalom, MOT, OTR/L, Hands Up Therapy, Florida

**Course Organizers:**

Lori B Ragni, MS, OTR/L, Lori.Belfiore@nyumc.org  
Stacy Kirsch, MS, OTR/L, C/NDT, Stacy.Kirsch@nyumc.org

**Course Registration & Fees**

To register and pay online please visit [www.lornaramoscourse.com](http://www.lornaramoscourse.com)

**Course Fee:** \$275

**Participant Cancellation Policy:**

In order to request a full refund please email [info@lornaramoscourse.com](mailto:info@lornaramoscourse.com) no later than 11/2/2018

**Course Cancellation Policy**

In the unusual circumstance that this course is canceled by the sponsor, 2 weeks' notice will be provided and tuition will be refunded in full. Rusk Rehabilitation and NYU Langone Health is not responsible for airfare, hotel or other costs incurred.

**Accreditation and Credit Designation**

**Occupational Therapy Credit:** This course is approved for a maximum of 19.5 occupational therapy contact hours. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. Level: Intermediate. This course meets the AOTA classification code of Occupational Therapy Processes: Evaluation & Intervention

**Physical Therapy Credit:** NYU Langone Health is a New York State Education Department approved provider for physical therapy and physical therapy assistant continuing education. This course is approved for a maximum of 19.75 physical therapy/physical therapy assistant contact hours. This activity is pending approval in NJ. The following states require continuing education units with no state-specific approval: CT, IA, ID, MO, ND, and WA.

**Accommodations & Americans Disability Act Compliance**

NYU Langone Health abides by all ADA rules and regulations and laws. We are a fully accessible institution.

If a participant requires accommodations, please notify the course organizer at least 24 hours before the course at [Stacy.Kirsch@nyumc.org](mailto:Stacy.Kirsch@nyumc.org)  
Please inquire for special guest rates at nearby hotels at [www.lornaramoscourse.com](http://www.lornaramoscourse.com)

Breakfast and snacks will be provided at the course. Please advise us of any special dietary needs

<b>DAY 1: November 9, 2018</b>	
<b>7:15-8:15</b>	Breakfast and Registration
<b>8:15-8:30</b>	Introduction to Lorna Ramos, Evolution of Course, Objectives & Goals
<b>8:30-8:45</b>	Lorna Ramos Tribute
<b>8:45-9:15</b>	Causes of Neonatal Brachial Plexus Palsy/Differential Diagnoses
<b>9:15-9:45</b>	Anatomy of the Brachial Plexus
<b>9:45-10:15</b>	Rehab: Initial evaluation for infants
<b>10:15-10:40</b>	Rehab: SupER indications and fabrication
<b>10:40-11:00</b>	<b>Break</b>
<b>11:00-12:00</b>	Surgical Decision Making & Techniques
<b>12:00-12:30</b>	Post-operative care after primary nerve surgery
<b>12:30-1:00</b>	<b>Questions</b>
<b>1:00-1:30</b>	<b>Lunch</b>
<b>1:30-2:15</b>	Indications and Technique for Botulinum Toxin A Use: Early and Late
<b>2:15-2:45</b>	Secondary Intervention for Hand & Wrist
<b>2:45-3:15</b>	<b>Questions</b>
<b>3:15-3:30</b>	<b>Break</b>
<b>3:30-4:00</b>	Diagnostic Evaluation and Findings: joint formation/malformation
<b>4:00-4:25</b>	Overview of Evidence Based Outcome Measures
<b>4:25-4:55</b>	Active Movement Scale and the Brachial Plexus Outcome Measure
<b>4:55-5:25</b>	Family Education and Decision Making in OBPP
<b>5:25-5:40</b>	<b>Wrap up, questions, etc.</b>
<b>SOCIAL NIGHT</b>	

<b>DAY 2: November 10, 2018</b>	
<b>8:00-8:30</b>	Breakfast and Check in
<b>8:30-8:50</b>	Anatomy of the Shoulder
<b>8:50-9:20</b>	Secondary Shoulder Deformities, Medical Management a) Surgical indication/intervention
<b>9:20-9:50</b>	Secondary Shoulder Deformities, Therapeutic Management
<b>9:50-10:20</b>	Secondary Elbow Deformities, Medical Management b) Surgical indication/intervention

<b>10:20-10:45</b>	Secondary Elbow/Forearm/Wrist Deformities, Therapeutic Management
<b>10:45-11:05</b>	<b>Break</b>
<b>11:05-11:25</b>	Therapeutic Management of Adolescent Patient with Minimal Prior Intervention
<b>11:25-11:45</b>	Physical Therapy Evaluation and Treatment
<b>11:45-12:00</b>	<b>Panel Discussion</b>
<b>12:00-1:00</b>	<b>LUNCH</b>
<b>1:00-1:30</b>	Constraint Induced Movement Therapy -Evaluation, assessment, indications, dosing, benefits -
<b>1:30-2:00</b>	Electric Stimulation: What we know, what we don't
<b>2:00-2:30</b>	Orthotic Fabrication: Shoulder, elbow, forearm, wrist, hand
<b>2:30-2:50</b>	Therapeutic Taping: Leukotape, Kinesiotape
<b>2:50-3:10</b>	Aquatic Therapy
<b>3:10-3:15</b>	<b>Break</b>
<b>3:15-3:45</b>	<u>Breakout Labs:</u> Therapeutic Taping, Splinting and Constraint
<b>3:45-4:15</b>	SupER splint demonstration
<b>4:15-4:45</b>	---Travel to pool---
<b>4:45-5:00</b>	Aquatic Therapy Lab in Pool
<b>5:00-6:00</b>	
<b>DAY 3: November 11, 2018</b>	
<b>8:30-9:00</b>	Check in and breakfast
<b>9:00-9:30</b>	Psychosocial Implications
<b>9:30-10:00</b>	Family Support and Networking
<b>10:00-10:30</b>	Free Paper Presentation: Therapeutic Rehabilitation
<b>10:30-11:00</b>	<b>Break with Poster Session</b>
<b>11:00-11:30</b>	Video Demo: Infant Initial Therapy Evaluation
<b>11:30-12:00</b>	Video Demo: Toddler/adolescent Initial Therapy Evaluation
<b>12:00-12:30</b>	Panel Discussion and Closing Remarks

**Course Objectives:**

**At the close of this course, all participants will be able to:**

1. Identify the multidisciplinary team in the care of an infant, child or adolescent with a brachial plexus birth injury and appreciate the perspective of all team members including physician and therapist
2. Identify timing and indications for neurosurgical and orthopedic procedures as well as post-operative care/rehabilitation from therapist's perspective
3. Discuss the role of the occupational or physical therapist in the acute post-operative setting and identify therapeutic intervention in the acute post-op setting including safe discharge home
4. Identify evaluation techniques for physical and occupational therapy in the outpatient setting for an infant, child, and adolescent with a brachial plexus birth injury
5. Identify valid and reliable outcome measures used in the evaluation and assessment of children with brachial plexus birth injuries
6. Appreciate and discuss the use of modalities including electrical stimulation, aquatic therapy and modified constraint induced movement therapy, as a treatment method for children with a brachial plexus birth injury
7. Identify indications for therapeutic taping, splinting and casting for children with a brachial plexus birth injury
8. Appreciate the psychosocial implications and impact on the patient and family quality of life for children with a brachial plexus birth injury

**The 2018 Lorna Ramos Course is excited to announce the addition of a research forum** to the course agenda including a free paper session as well as display and discussion of additional scientific/practice posters.

This forum will provide an opportunity for clinicians to disseminate research and clinical case reports, as well as share any other relevant therapeutic based practice topics amongst fellow therapists. Case studies and program development posters are welcome.

Please email [Lori.Belfiore@nyumc.org](mailto:Lori.Belfiore@nyumc.org) to submit an abstract by 10/19/2018.