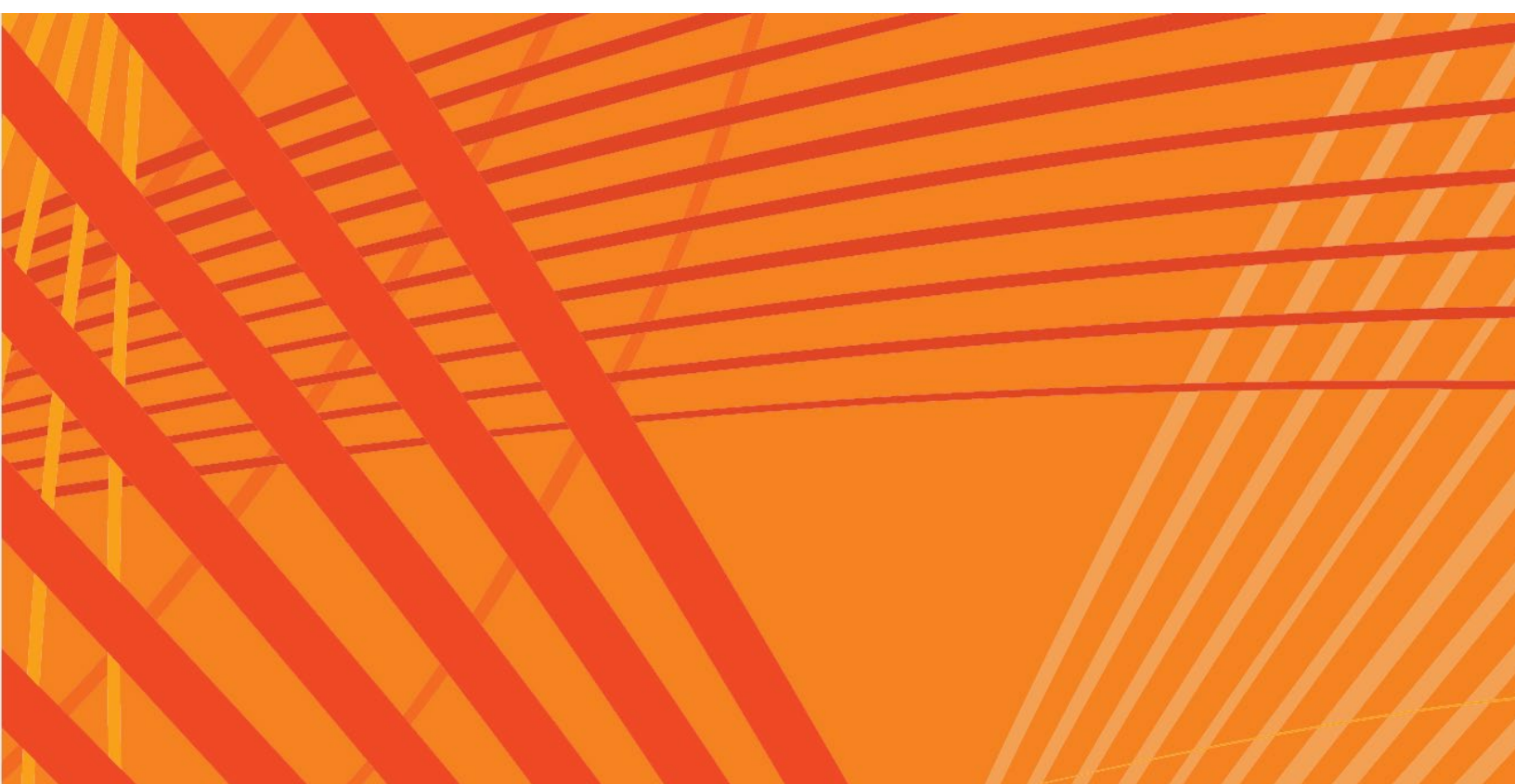


Highlights
from

**Growing Up
with Cerebral Palsy:
The Teenage Years**

ONLINE LEARNING

Shirley Ryan
Abilitylab



Growing Up with CP: The Teenage Years

The Academy is the educational arm of Shirley Ryan AbilityLab, a non-profit rehabilitation hospital in Chicago that has been ranked number one by *US News and World Report* for 32 consecutive years. Since 1954, the Academy (formerly RIC) has offered a wide range of accredited programs with the common goal of improving patient outcomes through clinical excellence. Our commitment to sharing the best evidence and rehabilitation practice with clinicians around the globe has always been an integral part of our mission.

The Academy is committed to creating an inclusive, authentic and comfortable learning environment that celebrates and supports all learners. We are dedicated to providing the highest-quality teaching regardless of race, age, ethnicity, nationality, gender, sexual orientation/identity, ability, religion, language or culture. Above all, we believe that everyone should feel safe, respected and welcomed when attending our programs at the hospital or online. We encourage the sharing of experiences and perspectives so we can learn from one another, and from our varied points of view.

COURSE DESCRIPTION

*****NOTE: This highlights course contains recordings of key lectures from the Growing up with Cerebral Palsy: The Teenage Years live program. There are no workshops or live discussion available.**

The transition from adolescence to adulthood in children with Cerebral Palsy (CP) is an important milestone for the rehabilitation practitioner. This course seeks to emphasize the management of CP and its impact on social, family and community engagement in adolescence to early adulthood (ages 13-21). This highlights course will move through major themes presented by experts in the field. The impact of aging on the muscle of an adolescent with CP and how this affects their rehabilitation management will be discussed. There will also be a discussion on pain in the aging child with CP and its impacts on participation and overall health and finally the importance of exercise, fitness and sport for the teenage child.

Successful completion:

In order to receive contact hours, all modules must be viewed and completion of an online evaluation and assessment are required.

WHO SHOULD ATTEND

Advanced Practice Provider (APN's and PA's), Nurses (outpatient, inpatient), Occupational Therapists, Occupational Therapy Assistants, Physical Therapist Assistants, Physical Therapists, Social Workers, and Physicians (including Residents and Fellows): Psychiatrists, Orthopedics, Neurologists, Pediatricians, and Family Medicine Specialists. See accreditation information for details.

LEARNER OUTCOMES

Upon completion of this course, participants will be able to:

1. Identify how the clinical implications of aging with cerebral palsy impacts treatment recommendations.
2. Describe how factors that contribute to pain in the adolescent with CP informs treatment planning.

3. Describe the importance of fitness for the adolescent with CP and how this impact treatment recommendations.

COURSE CHAIRS



Gadi Revivo DO
Section Chief, Pediatric and Adolescent Rehabilitation Program
Shirley Ryan AbilityLab
Assistant Professor, Department of Physical Medicine and Rehabilitation
Northwestern University Feinberg School of Medicine

Gadi Revivo, DO is Section Chief of the Pediatric and Adolescent Rehabilitation Program at the Shirley Ryan AbilityLab and Assistant Professor in the Department of Physical Medicine and Rehabilitation and Northwestern University Feinberg School of Medicine. He also serves as a consultant to Lurie Children's Hospital in Chicago. For nearly 20 years, he has been working with children and young adults with cerebral palsy in a multidisciplinary team at Shirley Ryan AbilityLab (formerly RIC) and previously at Rady Children's Hospital with spasticity management experience. He currently collaborates with a team consisting of clinicians as well as researchers at Shirley Ryan AbilityLab on spasticity innovations to improve both upper and lower extremity function, ambulation, trunk control for optimal sitting and completion of ADL. He works at the national and international level of multi studies, investigating the efficacy of Botulinum Toxins in spasticity management as well as FDA approval for their usage in pediatric patients.



Ana-Marie Rojas, MD
Pediatric Rehabilitation Fellowship Director
Shirley Ryan AbilityLab
Assistant Professor, Department of Physical Medicine and Rehabilitation
Northwestern University Feinberg School of Medicine

Dr. Ana-Marie Rojas is an active member of the American Academy of Cerebral Palsy and Developmental Medicine, the Association of Academic Physiatrists, and the American Academy of Physical Medicine and Rehabilitation. She is the co-author of several chapters in the fields of stroke, limb deficiency, and spina bifida. Dr. Rojas collaborates with neurosurgeons, orthopedic surgeons, engineers, therapists, and other clinicians to develop innovative treatments in the field of Pediatric Rehabilitation. Her clinical interests include pediatric and adolescent physiatry and rehabilitation management including spasticity, gait disorders, upper extremity function, spina bifida, cerebral palsy, and other pediatric onset disabilities. Focus on child's participation in school and in the community, and improving independence.

COURSE FACULTY (BY THEME)

AGING AND THE CP MUSCLE

Richard L. Lieber, Ph.D.

Senior Vice President & Chief Scientific Officer, Shirley Ryan AbilityLab

Mark D. Peterson, Ph.D., M.S

Charles E. Lytle, Jr. Research Professor

Associate Professor, University of Michigan-Medicine, Department of Physical Medicine and Rehabilitation

PAIN AND CP

Prakash Jayabalan, MD, Ph.D.

Director, Clinical Musculoskeletal Research, Attending Physician Scientist, Shirley Ryan AbilityLab

Elisabet Rodby Bousquet, PT, Ph.D.

Physical Therapist, Associate Professor in Orthopaedics, Lund University

Coordinator of National Cerebral Palsy Follow-Up Program in Sweden

FITNESS AND SPORT

Jan Willem Gorter, MD, Ph.D, FRCPC

Pediatric Physiatrist, Professor and Head of Pediatric Rehabilitation, University Medical Center Utrecht, Wilhelmina Children's Hospital, The Netherlands

AGENDA

Part 1: The Aging Muscle

(90 min)

CP Muscle looks old!

Richard L. Lieber, Ph.D.

CP Grows Up: Physiological changes due to aging

Mark D. Peterson, Ph.D., M.S.

The CP Muscle and Implications on Treatment for the Rehabilitation Professional

Richard L. Lieber, Ph.D. & Mark D. Peterson, Ph.D.

Moderated by: Ana-Marie Rojas, MD

Part 2: Pain and CP

(90 min)

Research Updates on CP and Pain

Prakash Jayabalan, MD, Ph.D.

Do we capture pain in Adults with CP?

Elisabet Rodby Bousquet, PT, Ph.D.

CP and pain and implications on treatment for the Rehabilitation Professional

Prakash Jayabalan, MD, Ph.D. & Elisabet Rodby Bousquet, PT, Ph.D.

Moderated by: Gadi Revivo, DO

Part 3: Fitness and CP

(45 min)

The Importance of Fitness for the Adolescent with CP

Jan Willem Gorter, MD, Ph.D., FRCPC

Total hours: 4 contact hours

You will have access to all course materials for 6 months from the date you register.

CANCELLATION POLICY

To request a cancellation of an on-demand program, please provide written notice by letter, email, or contact us by phone within 24 hours of placing your order and we will refund you the full course fee. If you cannot give notice within 24 hours, a credit towards a future course of equal value would apply.

IMPORTANT REGISTRATION INFORMATION

You will receive email confirmation on the day that you register online. For registrations received by standard mail, the confirmation may take up to 3 weeks after we receive your registrations. If you do not receive confirmation within this period, please call 312-238-6042.

LOCATION

The program will be held online.

Teaching modality/Delivery method

This course is taught virtually using the Academy Learning Portal, and other online learning materials.

TECHNOLOGY REQUIREMENTS

To participate, you will need access to a computer with an internet connection. High-speed broadband access (LAN, Cable or DSL) is highly recommended.

- Internet connection: broadband wired or wireless (3G or better)
- Web browser:
 - Apple Safari: Latest stable version
 - Google Chrome: Latest stable version
 - Mozilla Firefox: Latest stable version
 - Microsoft Edge: Latest stable version
- JavaScript and Cookies enabled
- Do NOT use Internet Explorer, as it is not supported.

ACCESSIBILITY

Please contact the Academy if you require special accommodations for this course.

CONTINUING EDUCATION CREDIT

Physical Therapy

This on-demand course has been approved by the Illinois Physical Therapy Board for 4.0 contact Hours (4.0 Self-study). Approval #216-000069

The Shirley Ryan AbilityLab is recognized by the New York State Education Department's State Board for Physical Therapy as an approved provider of physical therapy and physical therapist assistant continuing education. This on-demand course has been approved for 4.0 Contact Hours (4.0 Self-study)

The following states require continuing education units with no state specific approval: CT, IA, and WA

Occupational Therapy



Shirley Ryan AbilityLab is an AOTA Approved Provider of professional development. Course approval ID# 5552. This distance learning- independent course is offered at 4 contact hours, 0.4 CEUs [intermediate

level, Foundational knowledge/ OT Service Delivery]. AOTA does not endorse specific course content, products, or clinical procedures.

THANK YOU!

The Academy would like to extend a special thank you to the following supporters of this program:

Premier Title Sponsor

Ipsen Biopharmaceuticals

Gold Sponsor

Luciano Dias, MD

Merz

Note: Course sponsors do not have input into the planning or delivery of course content.

Register Online at www.sralab.org or complete the form below and return with payment

Highlights From: Growing up with Cerebral Palsy: The Teenage Years

| | |
|------------------|-------|
| Registration Fee | \$125 |
|------------------|-------|

Questions? Contact Leslie Marriott at lmariott@sralab.org or 312-238-6832

Mail to: Academy
Shirley Ryan AbilityLab
355 E. Erie Street, Suite 12 West
Chicago, Illinois 60611

Please **TYPE** or **PRINT** your name and professional initials (MD, OT, PT, RN, etc.) as you would like them to appear on your continuing education certificate.

First Name _____ Last Name _____

Home Phone (_____) _____ Prof. Initials _____

Home Address _____

City _____ State _____ Zip _____

Organization/Facility _____

Work Address _____

City _____ State _____ Zip _____

Work Phone (_____) _____ Fax (_____) _____

Position _____

E-mail (required) _____

Please note: registration will not be processed without full payment.

Method of Payment: Check enclosed (**Payable to: Shirley Ryan AbilityLab**)
 Credit Card

Credit Card Users Must Complete the Following Information:

MasterCard VISA American Express

Credit Card # _ _ _ - _ _ _ - _ _ _ - _ _ _

Expiration Date __ / __ CVV _ _ _ (security code on back of card)

Name on Card _____

Billing Address _____

City _____ State _____ Zip _____

Cardholder's Signature _____