Theory, Evidence and Innovation: Interdisciplinary Care for Parkinson’s Disease

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Wesley M. & Suzanne S. Dixon
Education and Training Center

and

Rehabilitation Institute of Chicago has been ranked “Best Rehabilitation Hospital in America” every year since 1991 by U.S. News & World Report
Theory, Evidence and Innovation: Interdisciplinary Care for Parkinson’s Disease

THE BEST REHABILITATION HOSPITAL...
MEANS THE BEST REHABILITATION EDUCATION.

The Rehabilitation Institute of Chicago (RIC) is ranked the “Best Rehabilitation Hospital in America,” in part because it fully integrates research, clinical care, and education, through the Continuing Education (CE) programs offered by the RIC Academy.

The RIC Academy CE programs help you keep abreast of changes in your field. The curriculum is grounded in evidence-based practice when appropriate as well as based on the collective clinical experience of our staff. RIC Academy courses are taught by interdisciplinary teams of recognized specialists from RIC and visiting experts from across the country and around the world.

DESCRIPTION

Parkinson’s disease, a movement disorder, is one of the most common neurodegenerative diseases affecting over 1.5 million people in the United States. Movement disorders affect motor performance including decreased balance and dexterity, slowness of movements, and rigidity as well as disturbances in speech, swallowing, sensation and cognition. Therefore, interdisciplinary care is essential in the management of Parkinson’s disease. This course, taught by experts in the field, will impart current standards, evidence-based clinical practice and innovative research in the medical, surgical, pharmacological and rehabilitative care for this population living with Parkinson’s disease. In addition the importance of motor learning in treatment, the effects of exercise, and issues related to caregivers’ involvement will be presented for discussion. Workshops will address the assessment of motor, speech and cognitive functions, driving ability, and interdisciplinary case presentations.

WHO SHOULD ATTEND

Physiatrists, Physical Therapists, Physical Therapist Assistants, Occupational Therapists, Occupational Therapy Assistants, Speech-Language Pathologists, Psychologists, Social Workers, Nurses, and Other Professionals Interested in Parkinson’s Disease

COURSE OBJECTIVES

Upon completion of this course, participants will be able to:
Discuss the non-motor manifestations of Parkinson’s disease and their effect on function and rehabilitation
Describe principles of motor learning applied in interventions in the treatment of Parkinson’s disease
Summarize the tools appropriate for use in the assessment of motor, cognitive and speech functions in individuals with Parkinson’s disease
Explain the physiological basis of exercise for individuals with Parkinson’s disease, and how exercise may affect the disease process
Outline new and innovative assessment and treatment protocols in the management of dysphagia in Parkinson’s disease
Summarize the important components of caregiving for persons assisting with someone who is living with Parkinson’s disease.
COURSE CHAIR

Santiago D. Toledo, MD
Medical Director, Orthopaedic Rehabilitation and Parkinson's & Movement Disorder Rehabilitation Programs, Rehabilitation Institute of Chicago; Assistant Professor, Department of Physical Medicine and Rehabilitation Northwestern University Feinberg School of Medicine

GUEST FACULTY

Beth E. Sullivan, MS, OTR/L
Manager, Johnson R. Bowman Occupational and Physical Therapy Services, Rush University Medical Center, Chicago, IL

FACULTY FROM THE REHABILITATION INSTITUTE OF CHICAGO AND NORTHWESTERN UNIVERSITY

Mark V. Albert, PhD
Postdoctoral Researcher, Sensory Motor Performance Program, Rehabilitation Institute of Chicago and Department of Physical Medicine and Rehabilitation, Northwestern University Feinberg School of Medicine

Valerie Blouch, MA, CCC-SLP
Speech-Language Pathologist, Orthopedic/Parkinson's Programs, Rehabilitation Institute of Chicago

Diane B. Breslow, MSW, LCSW
Center Coordinator and Clinical Social Worker, Northwestern Parkinson’s Disease and Movement Disorders Center, National Parkinson Foundation Center of Excellence

Joven Cerdenia, PT, MHlthSc, GCS, NCS
Research, Physical Therapist, Single Motor Unit Lab, Sensory Motor Performance Program & Clinical Physical Therapist, Northshore Outpatient Clinic, Rehabilitation Institute of Chicago

Kristin Larsen, MA, CCC-SLP
Lecturer, Senior Speech Pathologist, Department of Communication Sciences and Disorders, Northwestern University

Christina Marciniak MD
Attending Physician, Rehabilitation Institute of Chicago; Associate Professor, Northwestern University Feinberg School of Medicine

Anne Montana, MA, CCC-SLP
Speech-Language Pathologist, Orthopedic/Parkinson's Programs and Neurological Rehabilitation Program, Rehabilitation Institute of Chicago

Miriam Rafferty, PT, DPT, NCS
Registry Physical Therapist, Rehabilitation Institute of Chicago; Doctoral Candidate, University of Illinois at Chicago
Joshua M. Rosenow, MD, FAANS, FACS
Director, Functional Neurosurgery; Northwestern Memorial Hospital; Associate Professor of Neurosurgery, Northwestern University Feinberg School of Medicine

Summer Shepstone, MS, OTR/L
Inpatient Float Staff, Parkinson’s Committee Chairperson, Rehabilitation Institute of Chicago

Tanya Simuni, MD
Arthur C. Nielsen Jr. Research Professor and Director, Parkinson’s Disease and Movement Disorders Center; Associate Professor, The Ken and Ruth Davee Department of Neurology and Clinical Neurological Sciences, Northwestern University Feinberg School of Medicine

Aleksandar Videnovic, MD
Assistant Professor of Neurology, Parkinson’s Disease and Movement Disorders Center, The Ken and Ruth Davee Department of Neurology and Clinical Neurological Sciences, Northwestern University, Feinberg School of Medicine

Iris Vilares, MS
PhD Candidate, Northwestern University, Chicago, IL

Cindy Zadikoff, MD
Assistant Professor of Neurology, Parkinson’s Disease and Movement Disorders Center, The Ken and Ruth Davee Department of Neurology and Clinical Neurological Sciences, Northwestern University, Feinberg School of Medicine

AGENDA

MONDAY, APRIL 8, 2013

7:30 AM  Registration
1st Floor Lobby
Rehabilitation Institute of Chicago

Continental Breakfast
16th Floor Lobby, RIC Academy

8:00  Welcome and Introduction to the Program
Anita S. Halper, MA, CCC-SLP, BC-ANCDS
Santiago D. Toledo, MD

8:15  Beyond Dopamine: Non-Motor Manifestations of Parkinson’s Disease
Cindy Zadikoff, MD

9:15  Principles of Motor Learning in the Treatment of Parkinson’s Disease
Miriam Rafferty, PT, DPT, NCS

10:15  Break

10:30  An Update on Drug Therapy for Parkinson’s Disease
11:30  **An Overview of Research: Principles of Exercise, Physical Activity & Smartphone Technology, and Cognitive Ability**  
Mark V. Albert, PhD  
Christina Marciniak, MD  
Iris Vilares, MS

12:30  **Lunch (on your own)**

1:45  **WORKSHOPS**  
Assessment of Cognitive and Speech Function (Group A)  
Valerie Blouch, MA, CCC-SLP  
Anne Montana, MA, CCC-SLP

Assessment of Motor Function (Group B)  
Joven Cerdenia, MHithSc, GCS, NCS  
Summer Shepstone, MS, OTR/L

3:00  **Break**

3:15  **WORKSHOPS**  
Assessment of Cognitive and Speech Function (Group A)  
Valerie Blouch, MA, CCC-SLP  
Anne Montana, MA, CCC-SLP

Assessment of Motor Function (Group B)  
Joven Cerdenia, MHithSc, GCS, NCS  
Summer Shepstone, MS, OTR/L

4:30  **End of Day 1**

**TUESDAY, APRIL 9, 2013**

7:30 am  **Continental Breakfast**  
16th Floor Lobby, RIC Academy

8:00  **Current Trends in Deep Brain Stimulation**  
Joshua M. Rosenow, MD, FAANS, FACS

9:00  **New Concepts in the Assessment and Management of Dysphagia in Parkinson’s Disease**  
Kristen Larsen, MA, CCC-SLP

10:00  **Break**

10:15  **Physiological Basis of Exercise in Parkinson’s Disease**  
Miriam Rafferty, PT, DPT, NCS

11:15  **Essentials of Caregiving for Persons Living with Parkinson’s Disease**  
Diane B. Breslow, MSW, LCSW

12:15  **Lunch (on your own)**
1:30  
**WORKSHOPS**  
Driving Rehabilitation Evaluation (Group A)  
Beth E. Sullivan, MS, OTR/L  

Interdisciplinary Case Discussions (Group B)  
Diane B. Breslow, MSW, LCSW  
Santiago D. Toledo, MD  
Aleksandar Videnovic, MD

2:45  
Break

3:00  
**WORKSHOPS**  
Driving Rehabilitation Evaluation (Group A)  
Beth E. Sullivan, MS, OTR/L  

Interdisciplinary Case Discussions (Group B)  
Diane B. Breslow, MSW, LCSW  
Santiago Toledo, MD  
Aleksandar Videnovic, MD

4:15  
Conclusion of Course

**TUITION**

To qualify for group discount rates (you do not have to be from the same facility), registrants must mail or fax the group’s registrations together.

<table>
<thead>
<tr>
<th>Number of Students</th>
<th>Tuition</th>
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<tbody>
<tr>
<td>Single</td>
<td>$500</td>
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<tr>
<td>2 to 4</td>
<td>$480</td>
</tr>
<tr>
<td>5 or more</td>
<td>$470</td>
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**LOCATION**

The program will be held at the Rehabilitation Institute of Chicago, 345 East Superior Street, Chicago, Illinois. The conference site is wheelchair accessible. Accessible materials, sign language interpretation and personal assistance are available with at least 45-days advance notice.

**HOUSING**

Rooms have been reserved at the Hyatt Chicago Magnificent Mile, 633 North St. Clair, Chicago, Illinois.

The **Hyatt Chicago Magnificent Mile** is located 2½ blocks from RIC. Please contact their reservation agent from 9:00 am until 5:00 pm at (312) 787-1234 and indicate that you are attending this course in order to receive the corporate rate of $159 for a Deluxe King Non-Smoking (single or double occupancy) or a Double-Double Non-Smoking (two queen beds – single or double occupancy) plus 16.4% tax. The daily rate for parking at the Hyatt Chicago is $54.00/day. The cut-off date for room reservations is **March 7, 2013**.

The room block could reach its maximum before the above cut-off dates. Rooms and rates revert to a space-available basis after the room block has reached its maximum or after the cut-off date.
REFUND POLICY
All cancellations must be in writing. Refunds less a 20% administrative charge will be given until April 1, 2013. RIC reserves the right to cancel or change any programs for due cause. Cancellation of a program by RIC will result in a full refund of tuition. RIC is not responsible for the refund of travel or hotel expenses under any circumstance.

IMPORTANT REGISTRATION INFORMATION
Registrations will be taken in the order in which tuition checks or credit card information is received. We highly encourage you to register online as these are processed more quickly than mailed or faxed registrations. Full tuition must accompany the registration form in order to confirm a place in this course. Until you receive your confirmation letter, you are not officially registered for the course. For online registrations you will receive email confirmation the same day you registered. For registrations received by standard mail or fax, the confirmation may take up to 3 weeks after we receive your registrations. If you do not receive confirmation within this time period, please call 312-238-6042.

Do not make airline reservations that have cancellation penalties until we confirm your registration. However, you should make hotel reservations as soon as possible.

One week prior to the course only internet registrations and faxed registrations that include an email will be accepted. Please note that the course could reach its maximum enrollment before this time.

CONTINUING EDUCATION CREDIT
CME
Accreditation Statement
The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation Statement
The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 13.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity

Nursing
Rehabilitation Institute of Chicago (OH-362, 8/29/2014) is an approved provider of continuing nursing education by the Ohio Nurses Association (OBN-001-91), an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation.

This CNE activity is being offered for 13 contact hours.

Occupational Therapy
The Rehabilitation Institute of Chicago is an approved provider for the American Occupational Therapy Association to offer continuing education in occupational therapy. This intermediate level program awards occupational therapists 1.3 CEUs or 13 contact hours. The assignment of AOTA
CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.

**Physical Therapy**
This course has been approved by the Illinois Physical Therapy Board for 13 Contact Hours. Approval #216-000069

**Social Work**
The Rehabilitation Institute of Chicago is registered by the State of Illinois to sponsor continuing education programs for social workers. This program will award 6 CEUs.

**Speech-Language Pathology**
This course is offered for 1.3 ASHA CEUs (Intermediate level, Professional area).

A full list of faculty disclosures for ASHA is available at [https://ricacademy.sharefile.com/d/s9ffcc63223d2462ca](https://ricacademy.sharefile.com/d/s9ffcc63223d2462ca)

**Other**
Other healthcare professionals will be awarded 13 Clock Hours or 1.3 CEUs.

REGISTRATION ONLINE at www.ric.org/education
or clip and return this form with payment
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April 8-9, 2013

Group Discount Policy
To qualify for group discount rates (you do not have to be from the same facility), registrants must mail or fax the group’s registrations together.

☐ Single Registration Tuition: $500
☐ 2 to 4 - Tuition per Registrant: $480
☐ 5 or more - Tuition per Registrant: $470

Make check payable to: REHABILITATION INSTITUTE OF CHICAGO

Mail to: RIC Academy
345 E. Superior Street, Suite 1641
Chicago, Illinois 60611

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

Name __________________________________________________________
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 ____________________________________________________________

(We encourage you to use email – it allows us to respond much faster to your registration. Thank You)

☐ Send me information about other CE Courses ☐ Do not send me information

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

Method of Payment: ☐ Check enclosed ☐ Credit Card

Credit Card Users Must Complete the Following Information:

1) ☐ Personal Credit Card ☐ Corporate Credit Card
2)  □ MasterCard  □ VISA

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

Expiration Date _ _ / _ _

Name on Card ____________________________________________

Billing Address ____________________________________________

City __________________________ State ________________ Zip __________

Cardholder’s Signature ______________________________________

Credit card registrations may be faxed to: 312-238-4451. If you fax your registration, do not send another registration by mail.

For official use # __________________________ CC_AH201303

A __________________________ ROL ________________ CL ____________
April 8-9, 2013

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Feinberg School of Medicine