

REGISTRATION

Name		
License #		
Home Address		
City	State	Zip
Facility		
Daytime Phone		
Fax		
Email		
Primary treatment domain:	Adult	Peds
Visa or MasterCard		
Exp. Date	3 digit sec. code	
Course Location		
I am aware of the cancellation policy		
Signature X		

TUITION

\$165

We accept check, Visa or MC.

Make Checks Payable to: Mobility Research
 PO Box 3141
 Tempe, AZ 85280
 800-332-9255 ext. 7103
education@litegait.com

*Late registration begins 10 days prior to the scheduled date of the course. Registrations received less than 10 days prior to the course will be charged a \$30 late fee.

CANCELLATION POLICY

*Cancellations received at least two weeks prior to a course will receive a 50% refund or a certificate to use for the full value for up to 2 years. **Cancellations received less than 2 weeks before a course will be issued a certificate only.***

*Call for other courses, dates & locations

Education Department
 PO BOX 3141
 Tempe, AZ 85280
 1-800-332-WALK
Litegait.com



Mobility Research, LLC Education Department is pleased to present:

A Potion For Locomotion

Principles of Neuroplasticity, Motor Learning, and Gait Training.

Practical applications for real patients.

Presenter:
Kay Wing, PT, DPT, NCS, GCS

March 15, 2008

Legacy Health Systems
Portland, OR

April 05, 2008

Colonial Heights Health
 Care Center
Colonial Heights, VA

May 17, 2008

Pi Beta Phi Rehab Institute
Nashville, TN

August 24, 2008

Atlantic Rehab Hospital
Morristown, NJ



Eligible for .7 ceus or 7 contact hours

COURSE DESCRIPTION

The purpose of this course is to present current concepts of weight bearing assisted gait training, neuroplasticity, motor learning, and principles of effective therapeutic exercise and teach how to apply them to patient treatment. Current therapeutic interventions that utilize these concepts are presented and analyzed as to their strengths and weaknesses. Objective tests and measurements for documentation and reimbursement are taught and practiced. This course facilitates integration of theory and current practice techniques and is a mixture of lecture, demonstration, discussion, videotape case presentations and hands-on practical work. At the end of this workshop therapists will have new skills, ideas and ample encouragement to apply these skills immediately to patient care.

COURSE OBJECTIVES

Upon completion of this course participants will be able to:

- Identify principles and application of motor learning and motor control and how to integrate them into various aspects of gait training.
- Define principles and mechanisms of cortical reorganization
- Understand and use various treatment techniques utilizing weight bearing assistance
- Utilize the ability to evaluate the effectiveness of various treatment techniques that drive neuroplasticity including: weight bearing assisted treadmill training, forced use, and repetitive task practice
- Integrate the concepts discussed into patient treatment

COURSE SCHEDULE

8:00	Registration
8:15	Neuroplasticity
9:00	Case Study
9:20	Gait training and body weight support: Background, evidence, rationale and application to patient care
10:00	Break
10:15	Gait training continued
10:40	Samples and Examples
11:15	Principles of motor learning and application to patient care
12:00	Lunch
12:45	Patient demonstration
1:15	Motor learning continued
1:45	Case study
2:15	Assessing gait and balance: Objective tests and measurements easily applied in the clinic
3:00	Break
3:15	Patient demonstration/case study
4:00	Summary, Q and A
4:30	End of Seminar

ABOUT THE INSTRUCTOR

Kay Wing, PT, DPT, NCS, GCS received her doctorate of physical therapy from Northern Arizona University and physical therapy degree from Northwestern University. She has specialty certifications in both neurological and geriatric physical therapy. During the past 25 years she has worked in acute and sub-acute rehabilitation in clinical and administrative capacities. Currently, Ms. Wing is owner of Southwest Advanced Neurological Rehabilitation in Phoenix, a private practice specializing in the treatment of stroke and head injury survivors. In the clinic, she conducts research in techniques for improving the quality of life for stroke survivors. As a consultant for Kinetic Muscles and working closely with Arizona State University's bioengineering department, she is evaluating devices being developed for stroke rehabilitation. Ms. Wing is an adjunct faculty member at Northern Arizona University and Arizona School of Health Science. She also teaches continuing education courses in Proprioceptive Neuromuscular Facilitation and Neurological Rehabilitation.

ABOUT OUR COMPANY

Mobility Research is a company of rehabilitation professionals dedicated to the transfer of the latest technology and research knowledge to the rehabilitation arena. We are a team of clinicians, researchers, educators, and engineers dedicated to providing products, education, and rehabilitation solutions for pediatric and adult populations with motor control related disabilities



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