



## Serial Inhibitory Casting From Theory to Practical Application

October 17 & 18, 2009

Joni D. McGhee, OT

Julie Jennings, MS, PT, NCS

### Agenda:

**Day one – registration starts at 7:30**

**Both days course runs from 8 AM to 5 PM with an hour for lunch**

For a more detailed agenda, contact our office

### General Description:

This two day serial inhibitory casting seminar will be presented using slides, interactive lecture, and hands on participation. Participants will have the opportunity to discuss with the presenters the theoretical rationale, protocols, and functional outcomes related to serial inhibitory casting for adults in an inpatient and outpatient setting. Participants will also practice fabrication of footplates and the application and removal of casts to the upper and lower extremities.

### Objectives

At the conclusion of the lecture, participants should be better able to:

1. Define spasticity
2. Identify positive and negative effects of spasticity and function
3. Describe tools used and considerations needed to evaluate and document muscle tone
4. Discuss general advantages and disadvantages of the following spasticity management options: Botox, phenol, intrathecal Baclofen pump, surgical intervention
5. Describe theoretical basis for serial inhibitory casting
6. Determine appropriate protocols for serial inhibitory casting for inpatient and outpatient settings
7. Determine short term, long term, and functional outcomes expected with serial inhibitory casting
8. Demonstrate applying and removing serial inhibitory cast to upper and/or lower extremities (PT/PTA: lower extremity, OT, COTA: upper extremity)
9. Identify strategies used to maintain positive effects of serial inhibitory casting: bi valves, splinting, orthoses and therapy; and
10. Identify unique considerations and contraindications for serial casting
11. Provide instructions to caregivers regarding follow up care after serial inhibitory casting
12. Discuss the evidence that is/is not available regarding use of serial inhibitory casting as an intervention for spasticity management and/or muscle lengthening

**Accommodations:** In accordance with the ADA requirements, if you are disabled and require special services, contact our office at least one week prior to the date of the presentation.

**Disclosure:** Presenters and planning committee members participating in continuing medical education activities sponsored by Methodist Rehabilitation Center are expected to disclose to the activity audience any real or apparent conflict(s) of interest related to the content of their presentation. The planning committee members and presenters have signed disclosure forms and have stated they have no conflicting interests related to this education activity.

### Presenters:

**Joni McGhee, OT**, has provided therapeutic intervention for children and adults with congenital and acquired neurological diagnoses at The Institute for Rehabilitation and Research (TIRR) since 1997 and Texas Children's Hospital from 1995-1997. She is currently a Seating and Mobility Specialist at TIRR Memorial Hermann. In addition to her area of specialty, Ms. McGhee provides consulting services for Inpatient Spasticity Management, Inpatient Seating and Mobility Program, and TIRR Physician's Outpatient Clinic.

**Julie Jennings, PT, NCS** has greater than 15 years of experience working exclusively with adults and children with neurological diagnosis. She has provided services to adults and children in the private and public healthcare sector. She has provided consulting services for the Inpatient Spasticity Management Program and TIRR Physician's Outpatient Clinic at TIRR Memorial Hermann. She is currently Program Manager for Spinal Cord Injury, Neuromuscular, Multiple Trauma and Amputee at TIRR Memorial Hermann.

### Continuing Education Credit

Satisfactory completion of this activity requires a minimum attendance at 90% of the lecture and completion of an activity assessment and self assessment of achievement of learning objectives. Satisfactory completion of the activity is required for continuing education credit to be awarded.

### Physical Therapists:

This activity is approved for fifteen (15) clinical contact hours of continuing education for physical therapists and physical therapy assistants for the July 1, 2009 – June 30, 2010 licensure period by the Mississippi Board of Physical Therapy.

### Occupational Therapists:

Methodist Rehabilitation Center is an AOTA Approved Provider of continuing education. This activity is designated for 1.5 AOTA CEU. The assignment of AOTA CEUs does not imply endorsement of specific course content, products or clinical procedures by AOTA.

### Refund/Cancellation Policy:

Registration is considered complete upon receipt of tuition. Full refunds will be granted up to 10/2/09. After 10-2/09, no refund will be granted; however, a qualified substitute participant will be accepted. MRC reserves the right to cancel or modify the advertised agenda as long as this does not substantially affect the objectives. MRC will grant a timely refund to all fully registered individuals if applicable.

**To register contact:** Lisa Nichols at 364-3550 or e-mail

[lnichols@mrrcrehab.org](mailto:lnichols@mrrcrehab.org)

**Tuition: \$375.00**