



FRALIN BIOMEDICAL RESEARCH INSTITUTE AT VTC
NEUROMOTOR RESEARCH CLINIC
VIRGINIA TECH.



**National Pediatric
Rehabilitation
Resource Center**
Growing research, educating, and sharing science

Gross Motor Function Measure (GMFM 88/66) Asynchronous Study

This course is designed for researchers, clinicians, and faculty to advance their knowledge and understanding of the Gross Motor Function Measure (GMFM), with an emphasis on administration and scoring for research. Take this self-paced course to become proficient in administering and scoring the GMFM. Research administration of the GMFM and reliability of > 85% with C-PROGRESS is considered sufficient.

Self-Study

Target Audience: Occupational Therapy & Physical Therapy Practitioners

Course Level: Intermediate

Learning Outcomes:

- Identify the purpose of testing children using the GMFM 88/66
- Accurately describe knowledge of validity and reliability of GMFM 88/66
- Recognize children appropriate for testing with GMFM 88/66
- Administer and score GMFM 88/66

Modules

Module 1: GMFM Introduction

Module 2: Training: An Introduction to Gross Motor Function Measure

This web-based presentation will:

- Describe the administration and scoring of items on the
 - A: Lying and Rolling,
 - B: Sitting,
 - C: Crawling and Kneeling,
 - D: Standing, and
 - E: Walking, Running and Jumping.
- Describe the difference between GMFM-88 and GMFM-66
- Describe how to calculate raw and percent scores for each of the five GMFM-88 dimensions.
- Discuss interpretation of the results

Module 3: GMFM Practice Subject

- The Practice Subject Video provides an opportunity to practice scoring the GMFM 88 assessment
- Using a GMFM Score Sheet follow along with the video, and score as you watch.
- Once you have recorded your scores on a score form, compare your scores with GMFM Practice Video Scores.

Module 4: GMFM Baby Subject 1

- You will watch and score the Baby Subject 1 Videos TWICE, at least one week apart.
- While watching these videos, please use a GMFM-88 score form and the GMFM-66/88 manual to score the child's performance.
- One week later, repeat this, watch and re-score the Baby Subject 1 videos (without looking at your previous scores),
- Enter your scores in the quiz once for scores from day 1.
 - Save and submit the quiz
- Open quiz to enter Baby Subject 1 scores from day 2.
 - Save and submit quiz

Module 5: GMFM Child Subject 2

- You will watch and score the Child Subject 2 Videos TWICE, at least one week apart.
- While watching these videos, please use a GMFM-88 score form and the GMFM-66/88 manual to score the child's performance.
- One week later, repeat this, watch and re-score the Child Subject 2 videos (without looking at your previous scores),
- Enter your scores in the quiz once for scores from day 1.
 - Save and submit the quiz
- Open quiz to enter Child Subject 2 scores from day 2.
 - Save and submit quiz

Module 6: GMFM Additional Subject 3

*If your highest score on Quiz: GMFM Baby Subject 1 or Quiz: GMFM Child Subject 2 was less than 85%, please watch and score the video for Additional Subject 3.

- You will watch and score the Additional Subject 3 Videos TWICE, at least one week apart.
- While watching these videos, please use a GMFM-88 score form and the GMFM-66/88 manual to score the child's performance.
- One week later, repeat this, watch and re-score the Child Subject 2 videos (without looking at your previous scores),
- Enter your scores in the quiz once for scores from day 1.
 - Save and submit the quiz
- Open quiz to enter Child Subject 2 scores from day 2.
 - Save and submit quiz

Agenda:

Module 1: 1 hour 30 minutes

Module 2: 1 hour

Module 3: 2 hours 15 minutes

Module 4: 2 hours 15 minutes

Module 5: 2 hours 30 minutes

Module 6: 2 hours 30 minutes

Speakers:

Angela Rittler, OTR/L, OTD has been a pediatric occupational therapist since 2011. She currently serves as a clinical research occupational therapist at The Ohio State University. She has worked on multiple RCT trials on intensive interventions for children with cerebral palsy. She has played a lead role in development and facilitation of training and monitoring of blinded assessors for a phase III multi-site RCT. Angela has taught advanced pediatrics to entry-level occupational therapy students for two years and has presented multiple guest lectures related to pediatric occupational therapy. She has also presented multiple posters related to cerebral palsy, intensive interventions, and telehealth practice.

Elizabeth Maus, DPT, PhD has been a pediatric physical therapy since 2009 with clinical and research experience in a variety of settings. She is currently a PhD student in the School and Rehabilitation Sciences and the Pediatric Rehabilitation Lab at The Ohio State University. Prior to beginning PhD studies, she worked as a research physical therapist on three intensive trials investigating outcomes in high intensity rehabilitation for six years. She was an outpatient pediatric physical therapist for children with neurodevelopmental conditions for 7 years, including 5 years evaluating children and young adults in the Comprehensive Cerebral Palsy Program alongside physicians from orthopedics, developmental disabilities and physical medicine. Elizabeth served for 2 years as coordinator of physical therapy research at Nationwide Children's Hospital. Elizabeth has been an APTA member since 2006 and a pediatric section member since 2008. Elizabeth is a board certified pediatric clinical specialist (2013-present). Elizabeth has presented instructional courses on intensive physical therapy at the Academy for Pediatric Physical Therapy-Annual Conference (November 2017), idiopathic toe walking at the American Academy of Cerebral Palsy and Developmental Disabilities Annual Conference (2014) and pain in children with developmental disabilities at Ohio Physical Therapy Association Annual Conference (2013).


Thais Cabral, OT, PhD obtained her PhD in Physical Therapy from the Federal University of Sao Carlos, Brazil and currently is post-doctoral research at The Ohio State University. She is a member of the assessment center for the I-ACQUIRE trial. I-ACQUIRE is an NIH-funded, phase 3 clinical trial examining the effect of pediatric constraint-induced movement therapy (pCIMT) on infants and toddlers with hemiparesis secondary to perinatal arterial ischemic stroke. As a member of the Assessment Center she helps to coordinate all training for blinded assessors across the country and is responsible for coding the study's primary outcome measure.

Cancellation by the provider will result in full refund. Cancellation by the learner 30 days in advance with full refund. There are no financial and non-financial disclosures.

Notify if participant has any special needs and or please contact us directly about needed accommodations. We will make every attempt to make satisfactory arrangements.

Continuing Education Credits Provided by American Occupational Therapy Association 1.2 AOTA CEUs/ 12 Contact Hours

Contact Provider: Questions? Please contact: Stephanie DeLuca stephdeluca@vtc.edu

 <p>American Occupational Therapy Association</p> <hr/> <p>Approved Provider</p>	<p>FBRI Neuromotor clinic is an AOTA Approved Provider of professional development. PD activity approval ID#8305. This distance learning course is offered at 1.2 CEUs, introductory, professional issues. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.</p>
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