# Outline

# **VISUAL REHAB FOLLOWING A NEUROLOGICAL EVENT**

- Red flags
- Sequence of action
- When should you refer?
- Relationship of eye/brain anatomy to perception/processing

## **DIAGNOSIS: VISUAL ACUITY & VISUAL FIXATION**

- Screening methods
- Treatment and compensation strategies
- Visual fixation for the low functioning
- client
- Advanced technology options

# **DIAGNOSIS: OCULAR MOTOR ALIGNMENT & DEPTH PERCEPTION**

- Determine the diagnosis
- Cover/uncover test
- Assessment, demonstration & lab practice
- Establish treatment protocols

# **DIAGNOSIS: VISUAL FIELD CUT**

- Anatomical review of the visual pathway
- Determine the diagnosis
- Assessment, demonstration & lab
- practice
- Peripheral test
- Confrontation test
- Establish treatment protocols

## **DIAGNOSIS: HEMI-SPATIAL NEGLECT** & PUSHER SYNDROME/MIDLINE **ORIENTATION SHIFT**

- Determine the diagnosis
- Differentiate between cut and neglect • Why is left neglect more common than riaht?
- Assessment, demonstration & lab practice
- Simultaneous stimulus test
- Pencil and paper screeners
- Neuro handling principles
- Positioning strategies to rehabilitate • Establish treatment protocols

# **DOCUMENTATION & ADVOCACY** FOR COVERAGE

- Objective data to incorporate
- Demonstrating improvement Develop goals for justification
- Who Should Attend
- Occupational Therapists
- Certified Occupational Therapy Assistants
- Physical Therapists
- Physical Therapist Assistants
- Speech-Language Pathologists



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Nurses

Audiologists

Nurse Practitioners

Physician Assistants

What to Bring • Please bring colored pencils, markers, or highlighters.

# Live Seminar Schedule

7:30: Registration/Morning Coffee & Tea 8:00: Program begins Lunch: 1 hour (on your own) **3:30:** Program ends

There will be two 15-min breaks (mid-morning & mid-afternoon). Actual lunch and break start times are at the discretion of the speaker. A more detailed schedule is available upon request.



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 Differentiation challenges addressed – is it a field loss or neglect? Strategies to achieve functional improvements for stroke/TBI clients Documentation tips to justify the need for continued treatment Evaluation skills for ocular motor skill impairment, visual field loss, visual spatial inattention & pusher syndrome/midline orientation shift Recommend interventions for ocular motor, field cut and neglect Low and no cost intervention options - for any setting

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# **Visual Rehab After Neurological Events**



Seeing the World Through New Eyes

Feeling lost in determining a treatment plan with a neurological client? Have you asked yourself:

- What is the best evidence-based therapy protocol?
- How do you know if you are facing a field loss or a neglect?
- How do you determine visual function when your client is confused?
- Is this a vision or cognitive impairment?

Michelle has been in that fog and come out the other side with wonderful, functional, and costconscience options to show and share. She sustains that therapy should be specific to the client's challenge and that requires an astute awareness of the impairment. This insight comes from clear assessments that are revealed in this course, along with functional treatment interventions to ensure successful therapy sessions. Michelle shares anecdotes and case studies that highlight how the protocols can be put in to practice. These stories assist in enlightening the inexperienced therapist and commiserating with the experienced therapist. The course content is largely interactive and offers numerous lab sessions proving the engaging experience that therapists crave!

# Speaker



MICHELLE MIODUSZEWSKI, MS, OTR/L, has been practicing occupational therapy in acute, inpatient rehabilitation, and outpatient settings through her career. Visual rehabilitation following neurological events has been an area of focus. Michelle owns and operates Niagara Therapy, LLC, a team-oriented practice based in Erie, PA that offers OT, PT, and SLP to adults and children with neurological concerns. She also consults for legal, education, and professional situations.

Michelle is the AOTA Administration and Management Chairperson for the Rehabilitation and Disability Special Interest Section, National MS Society Board of Trustees, and is a National MS Society Partner in Care Designation. She was trained in NDT and NEURO-IFRAH (NDTC), Bioness Certified, REO Certified, SAEBO Certified, and specialized in vision and cognitive rehabilitation. A published writer by AOTA Press, she also teaches on topics such as IASTM, Neuro-Rehab/Neuro-Handling, vision, cognition, spasticity, ergonomics and complex wheelchair evaluations.

### Speaker Disclosures:

Financial: Michelle Mioduszewski is the owner of Niagara Therapy, LLC. She receives a speaking honorarium from PESI, Inc. Non-financial: Michelle Mioduszewski is the AOTA Administration and Management Chairperson for the Rehabilitation and Disability Special Interest Section; and the National MS Society Board of Trustees.

# **Objectives**

- Articulate an understanding of vision-based rehabilitation and the rehabilitation process.
- Articulate the description of ocular motor skill impairment, visual field loss, visual spatial inattention and midline syndrome.
- Demonstrate competent assessment of ocular motor skills, visual field loss, visual spatial inattention and midline syndrome.
- Discuss the difference between field impairment and neglect.
- Prescribe treatment interventions for ocular motor skills, visual field loss, visual spatial inattention and midline syndrome.
- Demonstrate effective documentation of assessment and intervention to justify skilled services.

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## **Optimizing Cognitive Rehabilitation** Effective Instructional Methods

By McKay Moore Sohlberg, PHD, CCC-SLP & Lyn S. Turkstra, PHD, CCC-SLP

Rehabilitation professionals face a key challenge when working with clients with acquired cognitive impairments: how to teach new skills to individuals who have difficulty learning. Unique in its focus, this book presents evidence-based instructional methods specifically designed to help this population learn more efficiently. The expert authors show how to develop, implement, and evaluate an individualized training plan. They provide practical guidelines for teaching multistep procedures, cognitive strategies, the use of external aids, and more. Purchasers of this title can download 19 sample worksheets and forms; blank forms provided by the publisher and are a convenient 8 1/2" x 11" size.

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If your profession is not listed, please contact your licensing board to determine your continuing education requirements and check for reciprocal approval. For other credit inquiries not specified below, or questions on home study credit availability, please contact cepesi@pesi.com or 800-844-8260 before the event.

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Board of the American Speech-Language-Hearing Association (ASHA) to provide in speech-language pathology

and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

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