

Outline

The Pediatric Eye Exam

Ophthalmology or Optometry or Vision Therapy
Case study Becca

Anatomy of the Visual System

The anatomy of the Orbit
Muscles of the eye
The visual pathways of vision in the brain
Magnocellular vs Parvocellular Stream

Congenital Visual Problems

Coloboma
Optic Nerve Hypoplasia: Case study Blake
Retinopathy of Prematurity
The role of therapists in Cortical Visual Impairment

Common Eye Movement Problems

Affecting PT and OT Outcomes

Suppression
Strabismus, Anisometropia, and amblyopia
Nystagmus
Convergence Insufficiency
Accommodative problems

Assessment of Eye Movements and Near Vision

Tracking
Saccades
Convergence
The Near Vision System: Case study Raleigh
Lab Time

Treatment Techniques for the Visual System

DIY and High-Tech solutions
The Brock String and Hart Chart
Prism and lenses
Holistic treatment techniques
Clinic videos
Case studies describing treatment

Vision Tools for Balance, Gait and Posture

BiNasal Occulsion
"Glasses that fix toe-walking"
Case studies: Charlotte; Audry
Mid-Line Shift Syndrome: Case study Ben

Vision Problems Associated with:

TBI, Stroke and Concussion
ADHD: Case study Bryson and Nate
Dyslexia
Autism
Sensory Modulation Postural Dysfunction: Case study Jon

Mid-Level Visual Processes

Visual motor integration tips: Case study David
Visual processing disorder
Visual perceptual deficits

Coding and Goals for Eye Movement Problems

ICD-10 codes common for eye movement problems
Basic goals for eye movement problems
Resources for more information

Objectives

1. Explore the anatomy and physiology of the visual system from cornea to cortex.
2. Recognize eye movement disorders associated with ADHD, dysgraphia, and dyslexia and improve outcomes for these diagnoses.
3. Demonstrate techniques to assess for eye movement difficulties and near vision using readily available tools.
4. Communicate the role of vision in gait, balance and posture.
5. Recognize the signs of a faulty near-vision system and the implications of reading and visual motor integration.
6. Demonstrate evidence-based techniques to treat eye movement defects.
7. Articulate common ICD-10 codes for eye movement disorders.

Live Seminar & Webcast Schedule

(Times Listed in Eastern)

7:30 Registration/Morning Coffee & Tea

8:00 Program begins

11:50-1:00 Lunch (*on your own*)

4:00 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.



Don't Miss!
LIVE VIDEO WEBCAST
WEDNESDAY
March 20, 2019
REGISTER ONLINE
pesirehab.com/webcast/70326

Bring any training in-house!
Convenient • Cost-Effective • Customizable
for more information visit
www.pesirehab.com/inhouse

NON-PROFIT ORG
US POSTAGE PAID
EAU CLAIRE WI
PERMIT NO 32729

PESI Rehab
P.O. Box 1000
Eau Claire, WI 54702-1000
A Division of PESI, Inc.

Vision Techniques for Eye Movement Disorders Associated with Autism, ADHD, Dyslexia & Other Neurological Disorders

Hands-on Assessments and Treatments for Children and Adolescents

Woburn, MA
Wednesday, March 20, 2019

Dedham, MA
Thursday, March 21, 2019

Live Video Webcast
Wednesday, March 20, 2019

Taunton, MA
Friday, March 22, 2019



Register now! pesirehab.com/express/68457

Vision Techniques for Eye Movement Disorders Associated with Autism, ADHD, Dyslexia & Other Neurological Disorders

Hands-on Assessments and Treatments for Children and Adolescents

Improve outcomes by improving the visual system:

- Assess for the common visual problems mistaken for ADHD, dyslexia and dysgraphia
- Discover the role of vision in balance, gait, reading, handwriting and letter reversals
- Evidence-based techniques that integrate the visual, vestibular and proprioceptive systems

Woburn, MA
Wednesday, March 20, 2019

Dedham, MA
Thursday, March 21, 2019

Live Video Webcast
Wednesday, March 20, 2019

Taunton, MA
Friday, March 22, 2019



pesirehab.com

A NON-PROFIT ORGANIZATION CONNECTING KNOWLEDGE WITH NEED SINCE 1979

Register now! pesirehab.com/express/68457

Vision Techniques for Eye Movement Disorders Associated with Autism, ADHD, Dyslexia & Other Neurological Disorders

Do you work with children with ADHD, dysgraphia, dyslexia, letter reversals and reading problems that do not respond to typical treatments? Are you frustrated by a lack of progress in children who exhibit poor:

- reading skills
- handwriting
- posture
- visual motor integration
- ball handling skills
- visual processing and visual perceptual skills?

Do you know a child that cannot catch a ball and frequently trips? What about the child with autism that studies small objects in the peripheral? Or a low tone child that struggles with handwriting? These problems may be related to an eye movement or near vision focusing difficulties.

Attend this workshop and learn to find the root of these problems by learning to assess eye movements and near vision. You will learn evidence-based techniques to improve vision that integrate the visual, vestibular and proprioceptive systems using interventions developed by an occupational therapist that will get results. Thorough video demonstrations and case studies you will learn treatment techniques, including: DIY and high-tech solutions, the Brock String and Hart Chart, prism and lenses, holistic techniques, tools for balance, gait and posture and more!

These interventions can be used immediately and effectively in your practice to improve outcomes in your young patients. Master these treatment techniques and increase your confidence in your own practice abilities! **Register today!**

Speaker

ROBERT CONSTANTINE, OTR/L, is an occupational therapist with nearly 20 years of experience in the fields of visual and neurological rehabilitation. Mr. Constantine is employed by the Pearl Nelson Child Development Center, where he focuses on the treatment of eye movement disorders in neuro-typical and special needs children. Mr. Constantine's passion leads him to intensive studying of the visual system and continuous searches for new ways to improve patient outcomes.

He is a member of the Neuro-Optometric Rehabilitation Association, a unique interdisciplinary organization that brings together the tools of optometry, occupational and physical therapy to improve outcomes for patients with neurological diagnoses. In addition, he is the only occupational therapist to be a member of the High Performance Vision Associates, an elite group of sports vision optometrists. As such, Mr. Constantine has participated in sports vision screenings at IMG Academy, Hendricks Motorsports, and on the PGA tour. He has also developed and marketed drag-racing specific glasses that have been successful in NHRA Sportsman drag racing, as well as having worked with elite NHRA racers, golfers, and sporting clays champions.

Speaker Disclosure:

Financial: Robert Constantine has an employment relationship with Pearl Nelson Center. He receives a speaking honorarium from PESI, Inc.

Non-financial: Robert Constantine has no relevant non-financial relationship to disclose.

TARGET AUDIENCE: Occupational Therapists • Occupational Therapy Assistants • Physical Therapists
Physical Therapist Assistants • Early Intervention Staff • Educators

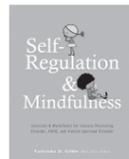
Hassle-Free Cancellation Policy: If you contact us before the event date, you can exchange for a DVD or CD/digital manual package on the subject (self-study continuing education credit may be available), a certificate to attend another seminar, or receive a tuition refund less a \$30 cancel fee. Substitutions are permitted at any time.

Seminar on DVD or CD Package: You can purchase a self-study package on the subject. You will receive a set of CDs or DVDs that include a digital copy of the seminar manual and post-test/evaluation. You and your colleagues can receive CE hours for a nominal fee. To determine if homestudy credits are available for your profession go to www.pesirehab.com or call 800-844-8260. Check with your licensing board to verify acceptance of self-study credits for license renewal. Order today by using the order form on this brochure or by calling 800-844-8260.

Have a seminar idea? A manuscript to publish? The nation's top speakers and authors contact PESI first. If you are interested in becoming a speaker or have a new topic idea, please contact Cyndi Postlewaite at cpostlewaite@pesi.com or call (715) 855-5253.



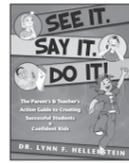
Save by including these products with seminar registration!



Self-Regulation and Mindfulness

By Varleisha Gibbs, Ph.D., OTD, OTR/L

Nationally known OT, Dr. Varleisha Gibbs has created a must-have resource for addressing self-regulation in children. This workbook is filled with mindfulness techniques, hands-on activities, worksheets, assessments, exercises and coloring pages to engage the child in their own success. Step-by-step Dr. Gibbs provides you with clear, concise and evidence-based strategies for treating children with sensory processing disorder, autism spectrum disorder, ADHD and similar developmental challenges.



See It. Say It. Do It!

Lynn F. Hellerstein, O.D., FCOVD, FFAO

Parents and teachers will learn practical, step-by-step strategies and activities to enhance their children's visualization skills. Surprisingly, many children have 20/20 eyesight.. yet have vision problems. When visualization skills are increased, the resulting transformation creates success in school and life. Ta-Dah! *See It. Say It. Do It!* shows parents, educators and therapists how visualization greatly affects and improves their children's lives in this highly readable and delightfully illustrated book.



Building Social Skills for Autism, Sensory Processing Disorders and Learning Disabilities: Over 105 Strategies, Activities and Sensory Tools for Children and Adolescents

By Tara Delaney MS, OTR/L & Mary C. Hamrick, MA, CCC-SLP

A revolutionary workbook to help professionals use the sensory system to teach complex social skills – build self-awareness and increase executive functioning. Includes dozens of reproducible skills, group and therapy sessions, worksheets and activities. A must have tool for professionals, teachers and parents.



PESI Inc. is proud to offer this seminar (at these locations only) free of charge (on live seminar tuition) for veterans and active duty military personnel. **Advance registration by phone required.**

Questions?
Call Customer Service:
800-844-8260

Live Webcast Details and Live Webcast Continuing Education Credit Information

Join us on March 20, 2019, for this live, interactive webcast! Invite your entire office and, like a live seminar, "attend" the webcast at its scheduled time. It's easy and convenient! Webcasts provide everything you need for a premier educational experience including real-time video and audio of the speaker. See and hear the speaker, ask questions via email and have them answered during the webcast, and watch the slides all on your computer screen. Seminar materials are available for download. One CE Certificate is included. Certificates of Completion can be printed after completing and passing the on-line post-test evaluation. Additional certificates are available for \$49.99 USD per participant. Please see "live seminar schedule" for full attendance start and end times. NOTE: Boards do not allow credit for breaks or lunch. For CE information for the live webcast, please visit: www.pesirehab.com/webcast/70326

Live Seminar Continuing Education Credit Information

Credits listed below are for full attendance at the live event only. After attendance has been verified, pre-registered attendees will receive an email from PESI Customer Service with the subject line, "Evaluation and Certificate" within one week. This email will contain a link to complete the seminar evaluation and allow attendees to print, email or download a certificate of completion if in full attendance. For those in partial attendance (arrived late or left early), a letter of attendance is available through that link and an adjusted certificate of completion reflecting partial credit will be issued within 30 days (if your board allows). Please see "LIVE SEMINAR SCHEDULE" on this brochure for full attendance start and end times. NOTE: Boards do not allow credit for breaks or lunch.

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.

Materials that are included in this course may include interventions and modalities that are beyond the authorized practice of mental health professionals. As a licensed professional, you are responsible for reviewing the scope of practice, including activities that are defined in law as beyond the boundaries of practice in accordance with and in compliance with your profession's standards.

PESI, Inc. offers continuing education programs and products under the brand names PESI, PESI Healthcare, PESI Rehab and Psychotherapy Networker.

EDUCATORS/TEACHERS: This course is designed to qualify toward your professional development requirement. The program is 6.25 clock hours in length.

MASSACHUSETTS SCHOOL PERSONNEL: This course may be applicable for 6.25 Professional Development Points toward your Professional Development Plan per the Massachusetts Department of Education recertification guidelines; check with your licensing authority for more information.

OCCUPATIONAL THERAPISTS & OCCUPATIONAL THERAPY ASSISTANTS:

PESI, Inc. is an AOTA Approved Provider of continuing education. Provider #: 3322. Full attendance at this course qualifies for 6.0 contact hours or .6 CEUs in the Category of Domain of OT and Occupational Therapy Process. Partial credit will be issued for partial attendance. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. Course Level: Intermediate.

PHYSICAL THERAPISTS & PHYSICAL THERAPIST ASSISTANTS: This activity consists of 6.25 clock hours of instruction that is applicable for physical therapists. CE requirements for physical therapists vary per state/jurisdiction. Please retain the certificate of completion that you receive and use as proof of completion when required.

OTHER PROFESSIONS: This activity qualifies for 380 minutes of instructional content as required by many national, state and local licensing boards and professional organizations. Save your course outline and certificate of completion, and contact your own board or organization for specific requirements.



PLEASE RETURN ENTIRE REGISTRATION FORM

QUESTIONS? Call 800-844-8260 or e-mail us at info@pesirehab.com

How to Register:

VISION TECHNIQUES FOR EYE MOVEMENT DISORDERS ASSOCIATED WITH AUTISM, ADHD, DYSLEXIA & OTHER NEUROLOGICAL DISORDERS

ONLINE

pesirehab.com/express/68457

PHONE

800-844-8260

Please have credit card available

FAX

800-554-9775

MAIL

PESI Rehab
PO BOX 1000
Eau Claire, WI
54702-1000

1 Please complete entire form (to notify you of seminar changes):
please print; staple duplicate forms.

Mail Code: _____

See mail code box on address panel on reverse side

Name _____ Profession _____

Employer Name _____

Employer Address _____

Dept/Floor/Suite _____

City _____ County _____

State _____ Zip _____

Home/Cell Ph () _____

Dept. Ph () _____

E-mail address _____

For your convenience, confirmations are sent via email.

2 Check location: (make copy of locations)

WOBURN, MA

March 20, 2019

Crowne Plaza Boston Woburn
15 Middlesex Canal Park Road • 01801
(781) 935-8760

LIVE VIDEO WEBCAST

March 20, 2019

Broadcast LIVE to your computer!

DEDHAM, MA

March 21, 2019

Hilton At Dedham Place
25 Allied Dr • 02026
(781) 329-7900

TAUNTON, MA

March 22, 2019

Holiday Inn
700 Myles Standish Blvd • 02780
(508) 823-0430

Register now!

pesirehab.com/express/68457

ADA NEEDS

We would be happy to accommodate your ADA needs; please call at least two weeks prior to the seminar date.

WALK-INS

Walk-ins are welcome but admission cannot be guaranteed. Call M-F 7:00-6:00 Central Time for space availability if registering within one week of seminar.

TUITION OPTIONS

• **FREE Military Tuition:** PESI Inc. is proud to offer this seminar (at these locations only) free of charge (on live seminar tuition) for veterans and active duty military personnel. **Advance registration by phone required.**

• **\$30 Tuition:** If you are interested in being our registration coordinator for the day, go to: www.pesirehab.com/coord for availability and job description, or call our Customer Service Dept. at 800-844-8260.

• **Groups of 5 or more:** Call 800-844-8260 for discounts.

• **Discounted Student Rate:** As part of its mission to serve educational needs, PESI, Inc. offers a reduced rate of 50% off standard tuition for students. Enclose a current student schedule with registration form. Go to www.pesirehab.com/students or call 800-844-8260 for details.

Advance registration required.
Cannot be combined with other discounts.



FOR OFFICE USE ONLY

Fed ID # 26-3896894

© 2018 PESI, Inc.

3 Check tuition:

ON-SITE tuition with seminar manual

\$199.99 - choose one of the options below:

- per person for 2 or more preregistering together —OR—
- single registration postmarked 3 weeks prior to seminar date

\$229.99 standard

Add-On Products

Distributed at seminar—FREE SHIPPING!

\$26.99* *Self-Regulation and Mindfulness* book

\$25.00* *See It. Say It. Do It!* book

\$24.99* *Building Social Skills for Autism, Sensory Processing Disorders and Learning Disabilities* book

*Attendees add applicable state and local taxes except in AK, DE, MT, NH, OR

WEBCAST with downloadable seminar manual

\$199.99 registration (+ tax in HI, MN, NM, PA, WI)

\$20.00 IL ISBE Certificate Processing Fee

For more information on this fee contact cepesi@pesi.com

4 Indicate method of payment:

ALL REGISTRATIONS MUST BE PREPAID.

Purchase orders welcome (attach copy).

Check enclosed payable to **PESI, Inc.**

MC VISA AE Discover Novus

16 digits 13-16 digits 15 digits 16 digits

Card # _____

Card Exp. _____ V-Code #*: _____

Signature _____

(*MC/VISA/Discover: last 3-digit # on signature panel on back of card.)

(*American Express: 4-digit # above account # on face of card.)

CAN'T ATTEND THE SEMINAR?

See below for individual product orders

Vision Techniques for Eye Movement Disorders Associated with Autism, ADHD, Dyslexia & Other Neurological Disorders

___ Seminar on DVD* (video) \$199.99 (RVN063660)

___ Seminar on CD* (audio) \$169.99 (RNA063660)

___ **Self-Regulation and Mindfulness** book* \$26.99 (PUB085000)

___ **See It. Say It. Do It!** book* \$25.00 (SAM043250)

___ **Building Social Skills for Autism, Sensory Processing Disorders and Learning Disabilities** book* \$24.99 (PUB083815)

Product total \$ _____

*Shipping is \$6.95 first item + \$2.00 each add'l item. *Shipping _____

Residents add applicable state and local taxes except in AK, DE, MT, NH, OR. **Subtotal _____

Tax _____ **TOTAL _____