

## **MOTOR TRAINING**

### **within Optometric Vision Therapy**

**Presented by**

**Caroline M. F. Hurst BSc FCOptom FBABO**

This presentation will describe the impact of infantile reflexes upon visual process development, and provide a methodical approach to testing and therapy activities. The infantile reflexes will be looked at as part of the total visuo-motor development system.

Movement, the visual process and the development of processing and perceptual skills are intrinsically linked in a continuous, cyclical process of making a motor action, processing and understanding the sensory input from that motor action, then with vision modifying the next motor action.

This course will explore the development and learning of gross and fine motor skills together with primitive and postural reflex control of movements. It will include the descriptions, actions and effects of primitive reflexes together with assessments and therapy activities to improve the efficiency of movements, movement control, processing skills and thus the visual process.

More than half of the course is practical floor work in pairs. Twenty attendees will work in a room large enough for all to be moving on the floor at once. Attendees should wear comfortable, loose clothing for floor work, and bring a cushion.

**Attendance is limited  
so please register early.**

## **LECTURER**

**Caroline M. F. Hurst BSc FCOptom FBABO**

is a full time optometrist working in private practice in partnership with her husband, Alan Hurst – C&A Hurst Opticians, Cambridgeshire, England. She has practiced behavioral optometry since 1997.

She graduated with 2.1 honors degree from Bradford University Ophthalmic Optics Course, in 1977. In 1978 she completed professional examinations for the BOA, SMC and Scottish AO. These bodies were combined to become the British College of Optometrists in 1980, with the suffix FCOptom for Founding Fellows.

Ms. Hurst is currently the Chair of the British Association of Behavioural Optometrists (BABO). She earned her BABO Fellowship in April 2007 on the first occasion the Fellowship programme was completed.

She served as a volunteer with the Opening Eyes program of the Special Olympics in National Games Cardiff 2001, and Glasgow in 2005, and World Games in Dublin in 2003. Recently Ms Hurst has been appointed as Clinical Director for the Special Olympics GB Opening Eyes programme and led the screening at the GB National Games in Leicester in July 2009.

She has been published in *Ophthalmic and Physiological Optics*, "Improvements in performance following optometric vision therapy in a child with dyspraxia" and in *Behavioural Optometry*, "The Hurst Model of Vision Balances."

# RCS

**REGIONAL CLINICAL  
SEMINAR**

## **MOTOR TRAINING within Optometric Vision Therapy**

Presented by

Caroline M. F. Hurst BSc FCOptom FBABO

Boston, MA

Saturday & Sunday

August 7 & 8, 2010

Sponsored by the  
Optometric Extension Program  
Foundation, Inc

**MOTOR TRAINING**  
**within Optometric Vision Therapy**  
**Seminar Schedule**

**1.5 hours** Introduction to motor development, visual efficiency and neurology.

**6 hours** Individual Primitive reflexes in detail (Tonic Labyrinthine Reflex, Asymmetrical Tonic Neck Reflex, Symmetrical Tonic Neck Reflex, Spinal Galant, Moro) – the reflex response, the effect on vision, what you might see in the test room, and then assessment and therapy movements. Then there will be a demonstration of each assessment and therapy activity followed by attendees working in pairs.

**1 hour** References, links to other professionals and case studies.

**4 hours** Developing a motor program with optometric vision therapy; included will be demonstrations and air practice of motor activities. Handout will include the therapy activity sheets.

**Goals and Objectives**

**Goals**

Each participant in this seminar will:

- understand the links between motor and visual process development
- understand the neurology of motor development theories
- learn the descriptions, actions and effects of primitive reflexes
- learn and practice the primitive reflex assessments and therapy activities.
- incorporate the assessment and therapy activities into their optometric vision therapy programs.

**Objectives include:**

acquisition of the knowledge of the neurological basis of motor development, the assessment methods for the primitive reflexes related to the visual process, and the therapeutic techniques that can be incorporated into a developmentally based optometric vision therapy training program.

**Comprehensive 2-Day Seminar**  
**12 Hours Continuing Education**

Regional Clinical Seminar No. 340

**Seminar Location**

Doubletree Boston/Westborough Hotel

Recommended airport:  
 Logan International Airport  
 Boston, MA

**Lodging**

Doubletree Boston/Westborough Hotel

5400 Computer Drive  
 Westborough, MA 01581  
 (508) 366-5511

Rates: Single \$89. plus tax  
 Double \$99. Plus tax

Room block reserved until 7/6/2010

Comprehensive 2-Day Seminar  
 12 Hours Continuing Education

Saturday, August 7, 2010  
 8:30 am-5 pm  
 (1 hour lunch break)

Sunday, August 8, 2010  
 8:30 am-2:30 pm  
 (1 hour lunch break)

Coffee breaks provided  
 Lunches provided

Any questions, ask Chairperson:  
 John Abbondanza, O.D.  
 30 Turnpike Rd., #7  
 Southboro, MA 01772  
 508-481-8558  
 DRJohnabbo@charter.net

*This meeting is made possible by the financial support of the OEP Foundation and its associates.*

*Cancellation policy: After July 23, 2010 a cancellation fee of \$25 will be applied.*

*OEP reserves the right to cancel seminar two weeks in advance if registration is inadequate.*

*Attendance at this seminar is limited.*

*Early registration is recommended.*

Please Type or Print

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Preferred badge name \_\_\_\_\_

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No "at the door" registrations

Enclosed is my check/charge made payable to  
**OEP Foundation for SEMINAR registration as:**

RCS Registration \$475 \_\_\_\_\_

OEP Clinical Associates deduct \$75 \_\_\_\_\_

Additional person(s) from same office, \$350 x \_\_\_\_ \_\_\_\_\_

Current Optometry School Student (space available) \$25 \_\_\_\_\_

**For Registration Postmarked after July 23, Add \$35** \_\_\_\_\_

TOTAL \_\_\_\_\_

**OEP ENROLLMENT OPPORTUNITIES**

(Call OEP for enrollment details)

Practice package (1 OD and 1 paraoptometric) \$410 \_\_\_\_\_

Individual OD \$315 \_\_\_\_\_

Sustaining OD \$125 \_\_\_\_\_

TOTAL \_\_\_\_\_

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