Effect of Age at Brain Injury on Outcome

When children experience a brain injury, neural development is interrupted. How injury and development interact is complex.

This course will combine evidence from brain science with epidemiology of children with brain injury to understand this interaction.

We will discuss time windows that might be important: sensitive periods, when activity is critical for normal development, optimal periods, for intervention after injury, and vulnerable periods, when the brain is injured more easily or profoundly.

We will discuss these concepts across different brain functions: movement, sensation, vision, and thinking. We will present evidence for different responses to brain injury across these brain function.

The goal is to put together theoretical concepts with empirical data to improve our ability to make prognoses and to treat children with brain injury.

Agenda

5:00 p.m.
Introduction
Jason B. Carmel, M.D., Ph.D.

5:15 p.m.
Vision
Glen Prusky, Ph.D.

5:35 p.m.
Movement
Kathleen Friel, Ph.D.

6:00 p.m.
Break

6:05 p.m.
Sensation
Jason B. Carmel, M.D., Ph.D.

6:30 p.m.
Cognition
William Watson, Ph.D.

6:55 p.m.
Wrap Up and Tours

Course Fee: $30

Register here:
Blythedale-Burke.ezregister.com

Or contact: (914) 592-7555 ext. 71383, or research@blythedale.org

CEU Credits for Occupational Therapists and Physical Therapists.

CMH credits for Speech-Language Pathologists and Audiologists.
Effect of Age at Brain Injury on Outcome
Course for Therapists, Physicians, Researchers & Caregivers

April 19, 2018
5:00 p.m. - 7:00 p.m.

Blythedale Children’s Hospital
95 Bradhurst Avenue
Valhalla, NY 10595
(914) 592-7555
www.blythedale.org

For directions and transportation information, please visit:
www.blythedale.org/directions-and-transportation

Parking at Blythedale is free.

More Information, please visit:
www.blythedale.org/research

Course Instructors

Jason B. Carmel, M.D., Ph.D.
Assistant Professor,
Weill Cornell Medicine
Director, Research, Blythedale
Director, Motor Recovery Laboratory, Burke

Glen Prusky, Ph.D.
Professor,
Weill Cornell Medicine
Director, Vision Recovery Program, Blythedale
Director, Center for Vision Restoration, Burke

Kathleen M. Friel, Ph.D.
Assistant Professor,
Weill Cornell Medicine
Director, Cerebral Palsy Research, Blythedale
Director, Clinical Laboratory for Early Brain Injury Recovery, Burke

William Watson, Ph.D.
Neuropsychologist,
Blythedale Children’s Hospital
Co-director of Cognitive Impairment Clinic
Co-director of Brain Injury Outcomes Assessment Team