

Content Topic	Learning Outcomes	Time Frame	Presenter
Substance Abuse and the Brain Injury Client	<ol style="list-style-type: none"> <li>1. Will discuss substance abuse and substance abuse in the brain injury client.</li> <li>2. Will identify the relationship between substance abuse and brain injuries.</li> <li>3. Will identify the prevalence and impact of substance abuse in the brain injury client.</li> <li>4. Will list issues and deficits related to the substance abuse brain injury client.</li> <li>5. Will describe and list appropriate therapies for the substance abuse brain injury client.</li> <li>6. Will identify and describe successful team and family approaches toward recovery.</li> </ol>	8:00am -9:00am	<i>Rodney Alan Valandra, M.A., NCC, LPCC-S</i>
Bridging the Gap from Inpatient to Outpatient Stroke Care	<ol style="list-style-type: none"> <li>1. Will identify some of the long term outcome data in stroke care</li> <li>2. Will identify the potential benefit in secondary prevention of stroke</li> <li>3. Will discuss some of the challenges in secondary prevention</li> <li>4. Will be able to identify some potential solutions to these challenges</li> </ol>	9:15am -10:00am	<i>James Farrell, MD</i>

## Learning outcomes: *12th Annual Northern Kentucky Brain Injury Conference*

<p>Inpatient Rehabilitation for Infants with Brain Injury: An Interdisciplinary Approach</p>	<ol style="list-style-type: none"> <li>1. Will be able to list common causes of acquired and traumatic brain injury in infants</li> <li>2. Will describe the elements of an interdisciplinary approach to rehabilitation for an infant with acquired or traumatic brain injury</li> <li>3. Will be able to discuss complicating factors to recovery for these patients.</li> </ol>	<p>9:15am -10:00am</p>	<p><i>Heather Witt, PT, DPT, CBIS</i></p> <p><i>Jennifer Noffsinger, M.S.CCC-SLP, CBIS</i></p> <p><i>Cassie Ginn, MS, O TR/L, CBIS</i></p>
<p>Driving as a Valued Occupation: Returning to Driving After Brain Injury</p>	<ol style="list-style-type: none"> <li>1. Will identify the role that the occupation of driving has on the lives of individuals with brain injuries and the potential impact of the loss of ability to engage in that occupation.</li> <li>2. Will list the important skills required for safe driving, including skill sets that would constitute being appropriate or inappropriate for seeking out driving services.</li> <li>3. Will describe the basic process for returning to drive.</li> <li>4. Will describe the components of the driving rehabilitation program at NeuroRestorative-Georgetown.</li> </ol>	<p>9:15am -10:00am</p>	<p><i>Casey Humphrey, OTD, MHA, OTR/L, CBIS, CDRS</i></p> <p><i>Bethanie Skaggs-Manley, MS, OTR/L, CBIS, CDRS</i></p>
<p>Spasticity: Pathophysiology and Treatment After a Brain Injury</p>	<ol style="list-style-type: none"> <li>1. Will identify Basic Neuroanatomy to Understand Spasticity</li> <li>2. Will describe Clinic Evaluation and Treatment Options for Spasticity</li> <li>3. Will describe Medication Management of Spasticity</li> <li>4. Will identify Invasive Options to inhibit spasticity locally or at the CNS</li> </ol>	<p>10:15am -11:00am</p>	<p><i>Kenneth A. Mook, MD, PhD</i></p>

<p>Complementary and Alternative Medicine with Battlefield Acupuncture as treatment option for chronic headaches and musculoskeletal pain</p>	<ol style="list-style-type: none"> <li>1. Will discuss how Traumatic Brain Injury (TBI) can Trigger Post-Traumatic Headache (PTH)</li> <li>2. Will review the prevalence of PTH in TBI, both civilian and military personnel</li> <li>3. Will list the differences between Traditional acupuncture vs Battlefield acupuncture (BFA).</li> <li>4. Will describe the mechanism of Action of Battlefield acupuncture (BFA)</li> <li>5. Will identify other potential use of BFA in TBI patients with other pain complaints</li> </ol>	<p>10:15am -11:00am</p>	<p><i>Isaac Darko, MD, TBI/Polytrauma</i></p> <p><i>Angela N. Young MSN, APRN, FNP-C</i></p>
<p>Relationships and Sexuality after Brain Injury/Stroke</p>	<ol style="list-style-type: none"> <li>1. Will list least three of the problems surrounding ABI and relationships.</li> <li>2. Will identify two specific challenges with ABI and sexuality factors (physical and mental factors).</li> <li>3. Will develop increased comfort in addressing sexual behaviors with clients, families, and/or loved ones by demonstrating this during one interaction on this topic with a peer during this presentation.</li> <li>4. Will learn how to respond to sexual behaviors and be able to describe two of the risk factors of providing too much attention when these are exhibited.</li> </ol>	<p>10:15am -11:00am</p>	<p><i>Gina Wheatley, LCSW</i></p>

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<p>Translational Approaches to Brain Injury Treatment</p>	<ol style="list-style-type: none"> <li>1. Will identify the hurdles to successful treatment for traumatic brain injury</li> <li>2. Will list past successful clinical trials for traumatic brain injury and how they have influenced patient care</li> <li>3. Will list the key features of ongoing and future clinical trials</li> </ol>	<p>11:30am -12:30pm</p>	<p><i>Laura B. Ngwenya, MD, PhD</i></p>
<p>Transitioning from Pediatric to Adult Medical Care and Beyond</p>	<ol style="list-style-type: none"> <li>1. Will discuss the impact of psychosocial factors on medical adherence and successful transition</li> <li>2. Will identify approaches to address barriers and challenges in transitioning patients to adult care</li> <li>3. Will describe the recommended steps for supporting successful transition to adult health care within the medical home</li> <li>4. Will identify resources to support implementation of transition planning in one's practice</li> </ol>	<p>1:00pm -1:45pm</p>	<p><i>La Donna Morales, MSW, LSW</i></p>
<p>Post-Traumatic Dizziness: Considerations for Post-Concussion Interventions</p>	<ol style="list-style-type: none"> <li>1. Will describe common vestibular impairments occurring after concussion.</li> <li>2. Will recognize how recovery from concussion is influenced by vestibular injury occurring as a result of head trauma.</li> <li>3. Will discuss in general terms common treatment paradigms relating to post- concussive vestibular impairments.</li> </ol>	<p>2:00pm -2:45pm</p>	<p><i>Scott A. Schowalter, PT, MPT</i></p>

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<p>Pharmacogenomics and Medication Therapy Management Applied to a TBI Case</p>	<ol style="list-style-type: none"> <li>1. Will define pharmacogenomics.</li> <li>2. Will describe how pharmacogenomics can utilized to improve drug efficacy.</li> <li>3. Will describe how pharmacogenomics can be utilized to decrease the risk of adverse drug reactions.</li> <li>4. Will describe medication therapy management.</li> </ol>	<p>2:00pm -2:45pm</p>	<p><i>David F. Kisor, BS, PharmD, FCP</i></p>
<p>Use a Strategy! Learn to Compensate for Thinking and Communication Challenges after Brain Injury</p>	<ol style="list-style-type: none"> <li>1. Will name 3 different types of support for brain injury survivors.</li> <li>2. Will describe different levels of self-awareness and how those impact independent strategy use.</li> <li>3. Will describe 3 factors which need to be considered when developing strategies after a brain injury.</li> </ol>	<p>2:00pm -2:45pm</p>	<p><i>Stephanie Mayer Volker MS CCC SLP</i></p>
<p>2018 State of Stroke – Trends in Occurrence, Treatment, &amp; Sharing Insight on the Road to Recovery after a Stroke</p>	<ol style="list-style-type: none"> <li>1. Will describe current statistics and trends related to Stroke</li> <li>2. Will identify top challenges to prevention and post-stroke care</li> <li>3. Will describe innovations in stroke treatment and care</li> <li>4. Will share survivor and caregiver insights and perspective on recovery</li> <li>5. Will describe small “touches” that add up to big wins in patient experience and maximizing recovery</li> <li>6. Will talk about the new foundation, One Stroke Forward, to help other survivors.</li> </ol>	<p>3:00pm -4:00pm</p>	<p><i>Brett Kissela, MD, MS, FAHA, FAAN</i></p> <p><i>Kelly Marsh</i></p> <p><i>Brad Marsh</i></p>