



## March is Brain Injury Awareness Month

Traumatic brain injury (TBI) is a leading cause of death and disability in the U.S. In 2013, the Centers for Disease Control and Prevention reports there were 2.8 million TBI-related emergency room visits, hospitalizations, and deaths. March 2018 is designated Brain Injury Awareness Month. To learn how you can make a difference, link up with agencies in your community that serve persons suffering lasting complications from brain injury.

## CNS Now Offers Volumetric Analysis

Not only does CNS specialize in the use of advanced imaging techniques, such as Diffusion Tensor Imaging (DTI) to assess diffuse axonal injury and Susceptibility-weighted Imaging (SWI) to identify blood clots and hemorrhages, CNS now offers another component to objectify brain injury — Brain Volumetric Analysis (BVA). BVA uses four brain atlases that are widely accepted in the medical field for their validity and reliability. Collectively, the atlases cover more than 230 brain region volume measurements and cortical thickness measurements in the left and right hemispheres, cortical and subcortical structures, white and gray matter areas, basal ganglia structures, and brainstem. To learn more about CNS Brain Volumetric Analysis, call CNS at (313) 228-0930.



## CNS Welcomes Chief Scientific Officer, Vijay Baragi, PhD

Randall Benson, MD, CNS Medical Director, is pleased to announce the appointment of Vijay Baragi, PhD as CNS Chief Scientific Officer. Dr. Baragi received his doctorate from Auburn University, Alabama, with post-doctoral training at Boston's Tufts University School of Medicine. Vijay has years of experience as a research scientist in the pharmaceutical industry. With CNS now engaged in two major studies, he's joined at the right time. CNS is currently involved in a pituitary study involving former pro athletes and *Hope After Combat*, a study involving veterans who've experienced bomb blast injuries.

## Benson Workshop Covers Imaging to Detect Pain, Depression, PTSD, TBI

In late February, Dr. Randall Benson, MD, CNS Medical Director, presented on 13 different types of neuroimaging methods for use in detecting traumatic brain injury (TBI), post-traumatic stress disorder (PTSD), depression, and pain. Dr. Benson delivers several presentations on advances in neuroimaging to professional groups each year.

## CNS Research Crosses the Globe

CNS is pleased to announce its original research into the use of advanced imaging techniques to distinguish brain lesions from image artifacts will be featured this summer at a joint meeting of the International Society for Magnetic Resonance in Medicine and the European Society for Magnetic Resonance in Medicine and Biology in Paris.

## Hope After Combat Marks Anniversary

Offering veterans who've experienced traumatic brain injury from bomb blasts a battery of best-in-practice approaches to restore pre-injury functioning, *Hope After Combat* is now in its second year — and preliminary results are favorable. At the study's conclusion, CNS intends to publish its research for the benefit of treatment practitioners and veterans everywhere.

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