2nd International Conference on

NEUROSCIENCE, NEUROIMAGING & INTERVENTIONAL RADIOLOGY

October 30 to November 01, 2017 | San Antonio, USA

The biomarker potential in TBI

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The presentation will address blood and imaging biomarkers in mild traumatic brain injury and studies led by Dr. Shetty at the Hospital for Special Surgery. The GE-NFL Advanced MRI Applications/Abbot Biomarker Candidates for mTBI study is an analysis of investigational MR imaging and blood biomarker identification in subjects who have recently sustained a concussion. The specialized MRI software is correlated with detailed neurological assessments and 11 brain-tissue specific blood biomarkers that are expected to peak and then normalize following a concussion. Presently, 44 subjects are enrolled in the imaging portion with 42 subjects co-enrolled in the blood biomarker portion. 20 subjects have been enrolled in both imaging and blood biomarker at encounter 1 (within 72 hours of injury). 86 subjects were enrolled between March 2014 and June 2015 with 26 healthy controls matched for age, gender, handedness, level of education and socioeconomic status.

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