

# Mark Massi, MD

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Date: Friday, March 02, 2012  
Location: WCH Room 205/206  
Time: 11:10am

## Biomechanical Challenges in Abusive Head Trauma

### **Abstract:**

Inflicted neurotrauma is a major cause of death and disability in the children, especially young infants. There are several published reports on the use of biomechanics to characterize the expected injury from various mechanisms. Most notably, it was concluded in a 1987 publication that shaking alone in an otherwise normal baby is unlikely to cause severe head injuries. This seminar is intended to: compare the brain material properties of infant and of an older child or adult; provide an overview of the computer, physical, and animal studies that have been performed; critique some the assumptions about injury thresholds in infants; and, suggest areas for further research.

### **Biography:**

Mark Massi received his Doctor of Medicine from the Jefferson Medical College of Thomas Jefferson

University, Philadelphia, Pennsylvania in 2000. He is currently Assistant Professor for the Department of Pediatrics, School of Medicine in Loma Linda University and he works as Forensic Pediatrician in Loma Linda University Children's Hospital.