

ACTIVE MANAGEMENT OF CONCUSSIONS

Taraman Sharief

Cognoa Inc, Irvine, USA

CHOC Children's Hospital, Irvine, USA

University of California, Irvine, USA

With the increasing attention given to concussions in the media, referrals for management and treatment of concussions have increased. Understanding how to actively manage concussions and post-concussive syndrome including return to cognitive activity, rehabilitation and return to physical activity, addressing the mental health aspects of concussion, and how to answer difficult questions such as "what is my risk for chronic traumatic encephalopathy?" are essential to proper management of concussion. Clinicians should be familiar with the pathophysiology of concussions and the key elements of an initial concussion evaluation. The role of computerized neuropsychological testing along with its utility and limitations are reviewed. A review of the current literature as well as research in the field of concussion is presented.

Biography

Sharief Taraman, MD is the Vice President of Medical at Cognoa, Inc., a startup utilizing artificial intelligence machine learning to diagnose and treat neurobehavioral disorders, specifically autism. He is also the Assistant Division Chair of the CHOC Children's Specialists Pediatric Neurology Division and a Health Sciences Assistant Clinical Professor at UC Irvine School of Medicine. He is board certified in Neurology with special qualifications in child neurology from the American Board of Psychiatry and Neurology as well as in Clinical Informatics from the American Board of Preventative Medicine. He is a *magna cum laude* graduate of the University of Michigan having majored in Biochemistry. He completed his medical education at Wayne State University School of Medicine in 2006 and went on to complete Residency training in Pediatrics and Pediatric Neurology at the Children's Hospital of Michigan.

sharief@cognoa.com