



Centers for Disease Control and Prevention (CDC) Atlanta, GA 30341-3724

Dear Colleague:

The Centers for Disease Control and Prevention (CDC) is pleased to provide you with the revised "Heads Up: Brain Injury in Your Practice" tool kit. This tool kit is part of a national initiative to prevent mild traumatic brain injury (MTBI) or concussion and to improve clinical management of patients with MTBI. This tool kit is part of CDC's response to the Children's Health Act of 2000, which mandates attention to this public health concern. Physicians can play a key role in helping to prevent MTBI and in appropriately identifying, diagnosing, and managing it when it does occur.

MTBI symptoms may appear mild, but can lead to significant, life-long impairment affecting an individual's ability to function physically, cognitively, and psychologically. Research also indicates, that:

- An estimated 75%-90% of the 1.4 million traumatic brain injury (TBI)-related deaths, hospitalizations, and emergency department visits that occur each year are concussions or other forms of MTBI.
- Blasts are an important cause of MTBI among military personnel in war zones.
- Direct medical costs and indirect costs such as lost productivity from MTBI totaled an estimated \$12 billion in the United States in 2000.

This tool kit was developed to provide physicians with a more individualized assessment of MTBI and to help guide the management and recovery of patients with MTBI. The tool kit contains:

- A booklet with information on diagnosis and management of patients with MTBI;
- A patient evaluation tool;
- An information sheet for patients who recently sustained an MTBI;
- A palm card with information about the on-field management of sports-related MTBI;
- Patient education materials in English and Spanish; and
- A CD-ROM with downloadable tool kit materials and additional resources.

We are pleased to be joined in this educational effort by a number of experts, as well as government and professional medical, sports, and voluntary organizations. We hope you will find this tool kit useful in your practice. This tool kit can be ordered or downloaded free-of-charge at: http://www.cdc.gov/ncipc/tbi/Physicians_Tool_Kit.

Your views about the tool kit are invaluable to us and we invite you to share them with us. Please email your comments to NCIPCDIRinfo@cdc.gov with a subject line "Tool Kit for Physicians" or fax comments to 770-488-4338, attention "Tool Kit for Physicians."

Sincerely,

lleana Arias, PhD

Director

National Center for Injury Prevention and Control

Centers for Disease Control and Prevention

Richard C. Hunt, MD, FACEP

Director

Division of Injury Response

National Center for Injury Prevention and Control

Centers for Disease Control and Prevention

Expert Work Group

Micky Collins, PhD Assistant Professor Department of Orthopaedic Surgery University of Pittsburgh Medical Center Assistant Director UPMC Sports Medicine Concussion Program Pittsburgh, PA

Gerard Gioia, PhD
Director, Pediatric Neuropsychology Program
Director, Safe Concussion Outcome, Recovery &
Education Program
Children's National Medical Center
Associate Professor, Depts. of Pediatrics & Psychiatry
George Washington University School of Medicine
Rockville, MD

Jean Langlois, ScD, MPH
Epidemiologist
National Center for Injury Prevention and Control
Centers for Disease Control and Prevention
Atlanta, GA

Jane P. Mitchko, MEd, CHES Health Communications Specialist National Center for Injury Prevention and Control Centers for Disease Control and Prevention Atlanta, GA

Kelly Sarmiento, MPH Health Communications Specialist Lockheed Martin Information Technology National Center for Injury Prevention and Control Centers for Disease Control and Prevention Atlanta, GA

Expert Review Panel

Jeffrey J. Bazarian, MD, MPH Department of Emergency Medicine University of Rochester Medical Center Rochester, NY

Rachel P. Berger, MD, MPH Assistant Professor of Pediatrics University of Pittsburgh School of Medicine Safar Center for Resuscitation Research Pittsburgh, PA

James M. Callahan, MD, FAAP, FACEP Associate Professor of Clinical Pediatrics University of Pennsylvania School of Medicine Division of Emergency Medicine The Children's Hospital of Philadelphia Philadelphia, PA

Paul R. G. Cunningham, MD, FACS Professor and Chair, Department of Surgery State University of New York, Upstate Medical University Syracuse, NY

Roberta DePompei, PhD Professor of Speech-Language Pathology University of Akron Akron, OH Julie Gilchrist, MD, FAAP Medical Epidemiologist National Center for Injury Prevention and Control Centers for Disease Control and Prevention Atlanta, GA

Mark Lovell, PhD Director University of Pittsburgh Medical Center Sports Medicine Concussion Program Pittsburgh, PA

Ronald F. Maio, DO, MS Professor, Department of Emergency Medicine Director, Office of Human Research Compliance Review Office of the Vice President for Research University of Michigan Ann Arbor, MI

Eric C. McDonald, MD, FACEP Defense and Veterans Brain Injury Center Naval Medical Center San Diego San Diego, CA

Ronald C. Savage, EdD Executive Vice President North American Brain Injury Society Alexandria, VA

Participating Organizations

American Academy of Family Physicians American College of Emergency Physicians American College of Physicians American College of Sports Medicine American Medical Society for Sports Medicine American Osteopathic Association Brain Injury Association of America Children's National Medical Center Defense and Veterans Brain Injury Center Indian Health Service National Association of State Head Injury Administrators National Brain Injury Research Treatment and Training Foundation North American Brain Injury Society University of Pittsburgh Medical Center, Sports Concussion Program U.S. Health Resources and Services Administration, TBI Program