



Share

Tweet

Share this Page:

powered by

If you're having problems viewing this email [click here](#).



# MSKTC.org

SCI • TBI • BURN

Model Systems  
Knowledge Translation  
Center

## Headlines from the MSKTC

Connecting consumers to research-based information in  
Spinal Cord Injury, Traumatic Brain Injury, and Burn Injury

February 2019  
Issue 86

The MSKTC provides:

**Consumer Information** that offers guidance on treatment, social issues, and daily living after SCI, TBI, and burn injuries.

**Systematic Reviews** that compile, evaluate, and summarize published research evidence related to a specific medical or health topic.

**Databases** of research articles posted by the SCI, TBI, and Burn Model Systems.

Upcoming Conferences:

**April 2-5, 2019**  
[51st American Burn Association Annual Meeting](#)

**April 2-5, 2019**  
[Annual Scientific Meeting of the American Spinal Injury Association \(ASIA\)](#)

**April 4-7, 2019**  
[AOTA Annual Conference](#)

**May 6-7, 2019**  
[Brain Injury Rehabilitation Conference](#)

## Spinal Cord Injury (SCI)

### SCI Model System Researchers and MSKTC Contribute to SCI 2020

The National Institute of Neurological Disorders and Stroke's SCI 2020: Launching a Decade for Disruption in Spinal Cord Injury Research conference was held February 12-13, 2019, in Bethesda, Maryland. The goal of SCI 2020 is to initiate discussion across the SCI research community to launch a new decade of research that disrupts traditional barriers and brings about collaborative efforts to address the key research questions in SCI research. SCI Model System Program and MSKTC are partners of and contributors to the conference. Learn more [here](#).

### SCI Model System Releases Winter Edition of Newsletter

[The Midwest Regional Spinal Cord Injury Care System](#) (MRSCICS) released the winter 2019 edition of the *MRSCICS Matters* newsletter. This biannual publication provides resources and content for people with SCI. The newsletter is published by principal investigators Allen Heinemann, PhD, and David Chen, MD, of MRSCICS at Shirley Ryan AbilityLab. The current issue includes articles about adaptive sports, employment and disability, caregiver research, pressure injury aids, and a new video series, Beyond the Research, which was developed by MRSCICS staff. View the newsletter [here](#).

### SCI Model System Researcher Publishes Article in *Archives of Physical Medicine and Rehabilitation*

Michael J DeVivo, PhD, director emeritus of the [National Spinal Cord Injury Statistical Center](#), co-authored the article, "The burden of traumatic spinal cord injury in the United States: Disability-adjusted life years," which was published in *Archives of Physical Medicine and Rehabilitation*. This research, led by investigators at previously-funded University of Michigan Spinal Cord Injury Model System center, analyzes data from 51,226 people with SCI enrolled in the National Spinal Cord Injury Model System Database and Shriners Hospitals over a 44-year period to estimate the national burden of SCI in the United States. View the abstract [here](#).

### SCI Model System to Host Knowledge in Motion Lecture and Webcast

[Spaulding New England Regional Spinal Cord Injury Center](#) will host the webcast, "Understanding the Spectrum of Autonomic Dysreflexia (AD)," at the Knowledge in Motion Lecture and Webcast Program, which will be held from 6:30 pm to 8:00 pm ET on Thursday, February 28, 2019. The presentation will explore signs and symptoms of AD; share potential consequences of low-grade, frequent AD; and offer practical tips to decrease AD incidences. Registration is free and required for the webcast. Register online [here](#) or by phone: (617) 952-6173.

### Resource Highlight: "Exercise and Fitness After Spinal Cord Injury" Hot Topic Module

[Model Systems Knowledge Translation Center](#) recently released a new consumer hot topic module entitled, "Exercise and Fitness After Spinal Cord Injury." This module features a suite of free resources—videos, factsheets, narrated slideshows, and quick reviews of

research studies—that help people understand the importance of exercise and remaining fit after SCI. Access the module [here](#).

## Traumatic Brain Injury (TBI)

### TBI Model System Publishes January Newsletter

[University of Washington Traumatic Brain Injury Model System](#) published the January 2019 issue of its newsletter, *TBI Model System Updates*. The issue focuses on TBI and relationships, and includes personal stories from a couple who experienced TBI and their advice for other couples on the same journey. View the newsletter [here](#).

### TBI Model System Researchers Publish Article in *Journal of Head Trauma Rehabilitation*

TBI Model System researchers authored the article, "Prevalence of medical and psychiatric comorbidities following traumatic brain injury," which was published in *Journal of Head Trauma Rehabilitation*. This article examines the prevalence of selected medical and psychiatric comorbidities that existed prior to or up to 10 years following TBI requiring acute rehabilitation. Authors are from the following currently-funded TBI Model System centers: [Indiana University School of Medicine/Rehabilitation Hospital of Indiana TBI](#) (Flora Hammond, MD), [Ohio Regional Traumatic Brain Injury Model System](#) (John Corrigan, PhD; Jennifer Bogner, PhD), [The Rocky Mountain Regional Brain Injury System](#) (Gale Whiteneck, PhD; Jessica Ketchum, PhD), [New York Traumatic Brain Injury Model System](#) (Kristen Dams-O'Connor, PhD), [Moss Traumatic Brain Injury Model System](#) (Tessa Hart, PhD), [UAB Traumatic Brain Injury Model System](#) (Thomas Novack, PhD), and [North Texas Traumatic Brain Injury Model System](#) (Marie Dahdah, PhD). View the abstract [here](#).

### TBI Model System Researchers Publish Article in *Brain Injury*

TBI Model System researchers authored the article, "Predictive utility of an adapted Marshall head CT classification scheme after traumatic brain injury," which was published in *Brain Injury*. This article examines the predictive relationship among persons with TBI between an objective indicator of injury severity and clinical indicators of injury severity. Authors are from the following currently-funded TBI Model System centers: [Mayo Clinic Traumatic Brain Injury Model System](#) (Allen Brown, MD), [North Texas Traumatic Brain Injury Model System](#) (Kathleen Bell, PhD), [Indiana University School of Medicine/Rehabilitation Hospital of Indiana TBI](#) (Flora Hammond, MD), [The Rocky Mountain Regional Brain Injury System](#) (Christopher Pretz, PhD; Alan Weintraub, MD; Robert Kowalski, MD), [The Texas TBI Model System of TIRR](#) (David Arginiegas, MD), [JFK Johnson Rehabilitation Institute Traumatic Brain Injury Model System](#) (Yelena Bodien, PhD), [Spaulding-Harvard Traumatic Brain Injury Model System](#) (Joseph Giacino, PhD; Ross Zafonte, DO), [New York Traumatic Brain Injury Model System](#) (Kristen Dams-O'Connor, PhD), [Moss Traumatic Brain Injury Model System](#) (Tessa Hart, PhD), and [Virginia Commonwealth Traumatic Brain Injury Model System](#) (William Walker, MD). View the abstract [here](#).

## Burn Injury (BURN)

### Burn Model System Researchers Publish Article in *Annals of Plastic Surgery*

Burn Model System (BMS) researchers published the manuscript, "The presence of scarring and associated morbidity in the Burn Model System National Database," in *Annals of Plastic Surgery*. This article examines the frequency of scar-related morbidity after burn injury as well as the impact of burn scars on long-term functional, psycho-social, and reintegration outcomes. BMS authors are from the following currently-funded Burn Model System centers: [Northwest Regional Burn Model System](#) (Nicole Gibran, MD), [Pediatric Burn Injury Rehabilitation Model System](#) (David Herndon, MD; Oscar Suman, PhD; Walter J. Meyer, MD), [The North Texas Burn Rehabilitation Model System](#) (Karen Kowalske, MD), and [Boston-Harvard Burn Injury Model System](#) (Colleen Ryan, MD; Jeffrey Schneider, MD). View the abstract [here](#).



Share this newsletter on social media

Connect with us by liking us on Facebook and following us on Twitter. We have three injury areas:



The Model Systems Knowledge Translation Center (MSKTC) supports the Model Systems program in meeting the information needs of individuals with spinal cord injury, traumatic brain injury, and burn injury. The MSKTC is funded by National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR) and is operated by the American Institutes for Research (AIR) in collaboration with George Mason University (GMU) and BrainLine at WETA under grant number 90DP0082.

**Learn more about the MSKTC at [www.MSKTC.org](http://www.MSKTC.org)**