MSKTC Newsletter

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

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Issue 98

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:

March 4, 2020
Brain Injury Awareness Day on Capitol Hill

March 17-20, 2020
52nd American Burn Association Annual Meeting

March 26-29, 2020
AOTA Annual Conference

May 3-6, 2020
Annual Scientific Meeting of the American Spinal Injury Association (ASIA)

May 8-9, 2020

TBI and SCI Model System Researchers Publish in Archives of Physical Medicine and Rehabilitation

TBI and SCI Model System researchers published the results of a cross-sectional survey study in the January 2020 edition of Archives of Physical Medicine and Rehabilitation. The manuscript titled, "Measuring pain in TBI: Development of the TBI-QOL Pain Interference item bank and short form," details the development and psychometric validation of an item bank, computer adaptive test (CAT), and short form to assess pain interference in the TBI population. Authors are from the following currently-funded TBI and SCI Model System centers: Texas Traumatic Brain Injury Model System of TIRR (Mark Sherer, PhD, ABPP, FACRM; and Angelle M. Sander, PhD), Rusk Rehabilitation TBIMS at NYU Langone Health and Bellevue Hospital (Tamara Bushnik, PhD), Midwest Regional Spinal Cord Injury Care System (Allen Heinemann, PhD, ABPP (RP), FACRM; and Elliot J. Roth, MD), and Northern New Jersey Traumatic Brain Injury System (Nancy D. Chiaravalloti, PhD), with Pamela A. Kisala, MA; Aaron J. Boulton, PhD; David S. Tulsky, PhD; Anna L. Kratz, PhD; and Noelle E. Carlozzi, PhD. View the abstract here.

Traumatic Brain Injury (TBI)

MSKTC Researchers to Attend Brain Injury Awareness Day

The Model Systems Knowledge Translation Center (MSKTC) will promote TBI Model System research and resources during Brain Injury Awareness Day events on Capitol Hill on March 4 in Washington, DC. As in previous years, there will be an awareness fair, congressional briefing, and reception. For more information click here.

TBI Model System Researcher Publishes in Archives of Physical Medicine and Rehabilitation

Jessica Ketchum, PhD, from Rocky Mountain Regional Brain Injury System, co-authored the article, "A standard method for determining the minimal clinically important difference for rehabilitation measures," published in Archives of Physical Medicine and Rehabilitation. In this commentary, the authors describe a systematic approach to triangulate on the minimal clinically important difference (MCID) using both distribution-based and anchor-based methods. Adaptation of a systematic approach for obtaining the MCID in rehabilitation would facilitate communication and comparison of results among rehabilitation researchers and providers. View the abstract here.

TBI Model System Researchers Publish in Rehabilitation Psychology

TBI Model System researchers from Virginia Commonwealth Traumatic Brain Injury Model System authored the article, "Can a couples' intervention reduce unmet needs and caregiver burden after brain injury?," published in Rehabilitation Psychology. The study sought to examine the effectiveness of the Therapeutic Couples Intervention (TCI) on caregiver needs and burden after brain injury. The investigation provides evidence that, following brain injury, a structured couples intervention can reduce unmet needs and burden in caregivers. Future multicenter research examining long-term durability of treatment gains and specific
15th Annual Brain Injury Rehabilitation Conference

July 20-23, 2020
National Conference on Independent Living (NCIL) Annual Conference

September 6-9, 2020
Academy of Spinal Cord Injury Professionals (ASCIP) Annual Meeting

MSKTC Recruiting Participants for TBI Consumer Factsheet Testing
The Model Systems Knowledge Translation Center (MSKTC) is recruiting individuals with traumatic brain injury and their caregivers to provide feedback on new consumer factsheets on a wide range of topics such as behavior problems and sleep apnea. To be eligible, participants must be at least 18 years old. Participants will receive a $25 gift card for their time. Call (202) 403-5600 or email msktc@air.org to register.

Spinal Cord Injury (SCI)

SCI Model System Researcher Presents at IPHAM Seminar
Allen Heinemann, PhD, ABPP (RP), FACRM, co-principal investigator of the Midwest Regional Spinal Cord Injury Care System, presented at Northwestern University’s Institute for Public Health and Medicine (IPHAM) Seminar Series on February 20, 2020. The presentation, hosted by the Feinberg School of Medicine at Northwestern University, is titled, “Lessons Learned while Implementing Patient-Reported Outcome Measures during Inpatient Rehabilitation.” View details here.

SCI Model System Researchers Publish in Journal of NeuroEngineering and Rehabilitation
SCI Model System researchers published a manuscript online titled, “Budget impact analysis of robotic exoskeleton use for locomotor training following spinal cord injury in four SCI Model Systems,” in the Journal of NeuroEngineering and Rehabilitation. The base case analyzes decreased hospital costs of locomotor training when robotic exoskeletons were used for over-ground training. Authors are from the following currently-funded SCI Model System centers: Midwest Regional Spinal Cord Injury Care System (Allen W. Heinemann, PhD; Arun Jayaraman, PT, PhD; Chaitthana K. Muminidisetty, MS; and Daniel Pinto, PT, PhD), Rocky Mountain Regional Spinal Cord Injury System (Susan Charlilue, PhD; and Candy Tefertiller, PT, DPT, NCS), Southeastern Regional Spinal Cord Injury Model System (Edelle Field-Fote, PT, PhD, FAPTA; and Cathy Furbish, PT, DPT), and Texas Spinal Cord Injury Model System at TIRR (Shuo-Hsiu Chang, PT, PhD; and Heather Taylor, PhD). View the research findings here.

SCI Model System Researcher Publishes in The Journal of Spinal Cord Medicine

Burn Injury (BURN)

Burn Model System Researchers Publish Letter to the Editor in Burns
Researchers from Boston-Harvard Burn Injury Model System, North Texas Burn Rehabilitation Model System, Northwest Regional Burn Model System, and Burn Model System National Data and Statistical Center recently published a letter to the editor, “Exploring the Burn Model System National Database: Burn injuries, substance misuse, and the CAGE questionnaire,” in the journal Burns. The study finds that nearly 1 in 5 burn survivors screened positive for a potential pre-injury substance misuse issue. Additionally, a portion of individuals not displaying misuse issues pre-injury screened positive for potential misuse issues during at least one timepoint follow-up. The findings reflect the need for long-term drug and alcohol misuse screening in burn survivors. View the abstract here.

Burn Model System Researchers Recruiting Participants for Research Study
Researchers from Boston-Harvard Burn Injury Model System are recruiting adult burn survivors to participate in the LIBRE Journey Study to understand the impact of burn injury on relationships with family and friends, social interactions, social activities, work and employment, and romantic and sexual relationships. To be eligible, participants must be at least 18 years old, living in the US or Canada, and with burns to 5% or more of their body characteristics of positive responders is warranted. View the abstract here.
or to their face, hands, feet, or genitalia. Participants will receive an Amazon gift card worth up to $100. Interested individuals should call (617) 952-6302 or email BostonHarvardBIMS@partners.org. Learn more here.

MSKTC Recruiting Participants for Burn Consumer Testing
The Model Systems Knowledge Translation Center (MSKTC) is recruiting individuals with burn injury and their caregivers to provide feedback on a new factsheet and video entitled, "Sexuality and Burn Injury After Burn Injury." To be eligible, participants must be at least 18 years old. Participants will receive a $25 gift card for their time. Call (202) 403-5600 or email msktc@air.org to register.

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

SCI
TBI
Burn

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