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

Spinal Cord Injury (SCI)

SCI Model System Researcher Serves as Keynote Speaker
Michael Boninger, MD, co-director of the University of Pittsburgh Model Center on Spinal Cord Injury, will be the Keynote Speaker at the National Institute of Neurological Disorders & Stroke’s SCI 2020: Launching a Decade for Disruption in Spinal Cord Injury Research conference. The conference will be held February 12-13, 2019, in Bethesda, Maryland. Learn more here.

SCI Model System Researcher Speaks with CBS Boston
Randy Trumbower, PT, PhD, co-investigator at Spaulding New England Regional Spinal Cord Injury Center, was recently interviewed by the Boston CBS affiliate news station. Dr. Trumbower spoke about augmented reality, which is the practice of superimposing computer generated images over the real environment, and how it is being used in targeted therapy to improve walking and balance after SCI. Augmented reality provides a more personalized therapy, which can provide different grades, steps, and obstacles that individuals living with SCI might not experience in a traditional therapy setting. Learn more here.

Resource Highlight: “Things to Know About Aging and Spinal Cord Injury”
Model Systems Knowledge Translation Center (MSKTC) recently released a new consumer factsheet entitled, “Things to Know About Aging and Spinal Cord Injury.” The factsheet was developed by the SCI Aging Special Interest Group of the SCI Model Systems in collaboration with MSKTC and investigators from the University of Washington Healthy Aging Rehabilitation and Research Training Center. Available in both English and Spanish, this resource explains some of the changes in your body as you get older. It lists ways to care for your health with a spinal cord injury. The factsheet may be reproduced and distributed freely with appropriate attribution. It is available on the MSKTC website here.

Traumatic Brain Injury (TBI)

TBI Model System Center Disseminates Annual Newsletter
North Texas Traumatic Brain Injury Model System, including Baylor Scott and White Institute for Rehabilitation and University Texas at Southwestern, disseminated their annual e-newsletter to study participants and people living in the community. The newsletter highlighted the key study personnel completing the Form II follow-up calls and provided patient-friendly summaries of recently completed and published work from investigators, including mobile applications, sleep, and growth hormone treatment. Read the newsletter here.

TBI Model System Researcher to Present at Brain Injury Rehabilitation
Conference
Flora Hammond, MD, project director and principal investigator at Indiana University School of Medicine/Rehabilitation Hospital of Indiana TBI, will present the Rosenthal Memorial Lecture at the 43rd Brain Injury Rehabilitation Conference, May 6 - 7, 2019, in Richmond, Virginia. The conference is a collaboration between the Virginia Commonwealth University TBI Model System, Brain Injury Association of Virginia, and the National Resource Center for Traumatic Brain Injury. It will feature plenary presentations, breakouts, oral presentations, and poster sessions. Learn more here.

Burn Injury (BURN)

Burn Model System Researchers Publish Articles in *Burns*
Burn Model System researchers authored three new articles recently published in *Burns*:

- **“Hospital-acquired complications alter quality of life in adult burn survivors: Report from a Burn Model System.”** This article examines whether hospital-acquired complications affect patient-reported quality of life in adult burn survivors. Authors are researchers from the following currently-funded Burn Model System centers: Northwest Regional Burn Model System (Gretchen Carrougher, RN; Samuel Mandell, MD, MPH; Nicole Gibran, MD), Burn Model System National Data and Statistical Center (Kara McMullen, MPH; Dagmar Amtmann, PhD), and non-Model System researchers at Western States Burn Center/North Colorado Medical Center and University of Maryland (Lyndsay Deeter, MD; Max Seaton, MD). Access the article here.

- **“Trends 10 years after burn injury: A Burn Model System National Database study.”** This article examines whether quality of life remains a concern for burn survivors 10 years after injury. Authors are researchers from the following currently-funded Burn Model System centers: Northwest Regional Burn Model System (Gretchen Carrougher, MN; Nicole Gibran, MD), Burn Model System National Data and Statistical Center (Dagmar Amtmann, PhD; Kara McMullen, MPH), Pediatric Burn Injury Rehabilitation Model System (David Herndon, MD; Walter Meyer, MD), The North Texas Burn Rehabilitation Model System (Radha Holavanahalli, PhD), Boston-Harvard Burn Model System (Colleen Ryan, MD), and non-Model System researchers at University of California Irvine Medical Center (Theresa L. Chin, MD) and the University of Alberta (Joshua N. Wong, MD). Access the abstract here.

- **“Feasibility of a Kinect®-based rehabilitation strategy after burn injury.”** This article examines the feasibility of a set of Jintronix exercises and therapy modules in hospitalized adult burn patients. Authors are researchers at the Northwest Regional Burn Model System (Tam Pham, MD; Tonya Terken, DPT; Nicole Gibran, MD; Gretchen Carrougher, MN; Aaron Bunnell, MD) and a non-Model System researcher at the University of Alberta (Joshua N. Wong, MD). Access the abstract here.

Burn Model System Researchers Publish Article in *Journal of Burn Care & Research*
Burn Model System researchers authored the article, “Impact of burn-related amputations on return to work: Findings from the Burn Injury Model System National Database,” which was published in *Journal of Burn Care Research*. This article compares patient and injury characteristics, quality of life, and employment status for those with and without amputation, using a national longitudinal database of people with burn injuries. Authors are from the following currently-funded Burn Model System centers: Northwest Regional Burn Model System (Gretchen Carrougher, MN, RN; Samuel Mandell, MD, MPH; Nicole Gibran, MD), Burn Model System National Data and Statistical Center (Kara McMullen, MPH; Dagmar Amtmann, PhD), The North Texas Burn Rehabilitation Model System (Karen Kowalske, MD), Boston-Harvard Burn Model System (Jeffrey Schneider, MD), and Pediatric Burn Injury Rehabilitation Model System (David Herndon, MD). Access the abstract here.
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