

# 2019 American Delirium Society Annual Meeting

## Oral Abstract Sessions

### **Monday June 17, 2019**

#### **10:30-11:30am Delirium in the Neurologically Injured**

*Moderators: T. Fong and E. Kimchi*

**10:30am**

**The Predisposing and Precipitating Factors for Delirium in an Observational Cohort of 1,487 Neurological Patients.**

C. Zipser. Balgrist University Hospital, Zurich, Switzerland

**10:45am**

**Deconstructing Post-Stroke Delirium in a Prospective Cohort of Patients with Intracerebral Hemorrhage**

M. Reznik. Brown University, Providence, RI

**11:00am**

**Prescribing Patterns Relative to Delirium Recognition in Stroke Patients**

S. Ryan. Massachusetts General Hospital/Harvard University, Boston, MA

**11:15am**

**Effects of Neurologic Injury on Delirium Duration and Hospital and ICU Length of Stay**

H. Smith. Vanderbilt University Medical Center, Nashville, TN

#### **1:45-2:45pm NIDUS Session-1**

*Moderators: D. Fick and M. Avidan*

**1:45pm**

**Association between Components of the Delirium Syndrome and Mortality: A Systematic Review and Individual Patient Data Analysis**

Z. Tiegies. University of Edinburgh, Edinburgh, Scotland

**2:00pm**

**A Telehealth Delirium Coaching Intervention for Family Caregivers of Community-Dwelling Older Adults with Dementia**

D. D'Avolio. Florida Atlantic University, Boca Raton, FL

**2:15pm**

**The Association between Delirium Severity and Long-Term Clinical Outcomes Among Persons with and without Alzheimer's Disease and Related Dementias.**

T. Hshieh. Brigham and Women's Hospital/Harvard University, Boston, MA

**2:30pm**

**An Inflammatory Signature of Postoperative Delirium: Importance of Neuroinflammation and Systemic Inflammation.**

S. Vasunilashorn. Beth Israel Deaconess Medical Center/Harvard University, Boston, MA

#### **2:45-3:45pm NIDUS Session-2**

*Moderators: A. Auerbach and J. Busby-Whitehead*

**2:45pm**

**Association between Cumulative Haloperidol Dose and 28- and 90-day Mortality in Critically ill Adults: Post-hoc Analysis of the REDUCE study.**

M. Duprey, Northeastern University, Boston, MA

**3:00pm**

**Delirium transition clinic: an innovative model of care to mitigate a cascade of problems after delirium**

A. Khan. Aurora Medical Group/University of Wisconsin, Milwaukee, WI

**3:15pm**

**Delirium Severity and Clinical Outcomes are Both Predicted by Machine Learning Analysis of Routine EEG**

E. Kimchi. Massachusetts General Hospital/Harvard University, Boston, MA

**3:30pm**

**SOMAscan as a Discovery Platform to Identify Plasma Protein Biomarkers for Postoperative Delirium.**

T. Libermann. Beth-Israel Deaconess Medical Center/Harvard University, Boston, MA

**4:15-5:15pm Intensive Care Unit - #1**

*Moderators: T. Girard and Y. Skrobik*

**4:15pm**

**Non-EEG Sleep Staging for Delirium in the ICU: A Deep Learning Approach**

H. Sun. Massachusetts General Hospital/Harvard University, Boston, MA

**4:30pm**

**ICU Delirium Education Materials for Family Caregivers of Critically Ill Patients**

K. Krewulack. University of Calgary, Calgary, AB

**4:45pm**

**Prophylactic Haloperidol Effects on Long-term Quality of Life in Critically Ill Patients at High Risk for Delirium: Results of the REDUCE Study**

P. Rood. University Medical Center, Radboud, Nijmegen, NL

**5:00pm**

**Sustained Attention Testing in Delirious and Non-delirious Critically Ill Adults**

C. Chan. Johns Hopkins University, Baltimore, MD

**Tuesday June 18, 2019**

**10:30-11:30am Mechanisms/Pathophysiology**

*Moderators: N. Terrando and S. Vasunilashorn*

**10:30am**

**A Human and Mouse Model Study of Inflammatory Chemokines at the Blood Cerebrospinal Fluid Barrier and Their Role in Delirium**

C. Cunningham. Trinity College, Dublin, Ireland

**10:45am**

**Energy Metabolism is a Driver of Cognitive Dysfunction in an Animal Model of Delirium during Dementia**

C. Cunningham. Trinity College, Dublin, Ireland

**11:00am**

**Serum Neurofilament Light Chain Is Persistently Elevated Following Delirium in Older Adults Undergoing Elective Surgery.**

T. Fong. Beth-Israel Medical Center/Harvard University, Boston, MA

**11:15am**

**Cholinergic Trajectories in Patients with Postoperative Delirium**

A. Mueller. Charite Hospital, Berlin, Germany

**11:30-12:30am Postoperative Delirium #1**

*Moderators: L. Evered and S. Vasunilashorn*

**11:30am**

**Delirium Detection Methodologies: Implications for Outcome Measurement in Clinical Trials in Postoperative Delirium.**

K. Neufeld. Johns Hopkins University, Baltimore, MD

**11:45am**

**Association between Delirium and Patient Reported-Outcomes 30-Days Following Major Surgery**

A. Mickle. Washington University, St Louis, MO.

**12:00pm**

**Baseline Depression in Relation to Postoperative Delirium in Hip Fracture Patients**

C. Chan. Johns Hopkins University, Baltimore, MD

**12:15pm**

**The Effect of Preoperative Depressive Symptoms on Postoperative Cognitive Dysfunction (POCD)**

F. Borchers. Charite Hospital, Berlin, Germany

**2:00- 3:00pm Postoperative Delirium #2/Assessment**

*Moderators: P. Pandharipande and R. Arora*

**2:00pm**

**Preoperative Frailty Increases the Risk for Postoperative Delirium in Major Non-Cardiac Surgical Patients**

E. Mahanna-Gabrielli. University of Miami, Coral Gables, FL

**2:15pm**

**Depth of Sedation as an Interventional Target to Reduce Postoperative Delirium: Mortality and Functional Outcomes of the STRIDE Randomized Clinical Trial**

F. Sieber. Johns Hopkins University, Baltimore, MD

**2:30pm**

**Marginal Benefit of Cognitive Screening to Identify Patients at Risk for Postoperative Delirium**

R. Grasfield. Brigham and Women's Hospital/Harvard University, Boston, MA

**2:45pm**

**Diagnostic accuracy of the DelApp smartphone test for assessing inattention in delirium in geriatric and intensive care settings**

Z. Tieges. University of Edinburgh, Edinburgh, Scotland

**3:00-4:00pm Delirium Assessment**

*Moderators: J. Saczynski and R. Jones*

**3:00pm**

**A Single Question on the Acuity of Mental Status Change Improves the Nu-DESC's Ability to Discriminate Delirium.**

M. Terrelonge. University of California San Francisco, San Francisco, CA

**3:15pm**

**Evaluation of Screening Instruments for the Detection of Pediatric Delirium during Critical Illness**

D. Long. Children's Health of Queensland, Brisbane, Australia

**3:30pm**

**Validation of the Quick Stanford Proxy Test for Delirium (qS-PTD), a Highly Effective and Straightforward Screening Tool for Delirium**

J. Maldonado. Stanford University Medical Center, Palo Alto, CA

**3:15pm**

**Use of the brief Confusion Assessment Method in a Veteran Palliative Care Population: A Pilot Validation Study**

J. Wilson. Vanderbilt University Medical Center, Nashville, TN

**4:00-5:00pm Intensive Care Unit - #2**

***Moderators: K. Fiest and B. Kamdar***

**4:00pm**

**Intensive Care Unit (ICU) Delirium Severity Associated with Increased Mortality**

P. Serrano. Indiana University, Indianapolis, IN

**4:15pm**

**Motoric Subtype of Delirium and Disability after Critical Illness**

K. Rengell. Vanderbilt University Medical Center, Nashville, TN

**4:30pm**

**Incidence and Impact of Delirium in Critically-ill Patients with Cancer**

C. Marasigan-Stone. Memorial Sloan Kettering Cancer Center, New York, NY.

**4:45pm**

**Potentially Inappropriate Medications Increase Delirium More in HIV+ than Uninfected Patients**

K. Akgun. Yale University, New Haven, CT