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. Tieges. 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. Szczynski 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