

## **Performing Assessments for Cognition, Frailty and Delirium in the Perioperative Setting: An Interactive Skills Bootcamp**

Friday, July 26, 2024 | 8 a.m. – noon  
Marriott (Grand Ballroom F) — Philadelphia, USA  
All times are in Eastern Standard Time  
In-person attendance only

### **Overview**

Cognitive disorders are common in older patients who undergo anesthesia and surgery. Cognitive impairment, even when subtle, is the leading predictor of further decline. Identifying those individuals who are likely to experience perioperative neurocognitive disorders (PND), particularly postoperative delirium (POD) is critical to implementing strategies and interventions to prevent these poor outcomes. In this environment, anesthesiologists, allied health practitioners, nurses and multidisciplinary physicians are faced with challenges of the aging brain and how to provide efficient, valid, and reliable cognitive screening in a busy clinical setting.

This workshop has been designed by board certified neuropsychologists, geriatricians, neuroscientists and geriatric specialty anesthesiologists to train individuals on the a) type of cognitive domains most vulnerable to anesthesia and surgery; 2) how to behaviorally identify common neurodegenerative disorders with the highest rates of delirium risk, 3) how to administer common perioperative cognitive screening tools in preoperative settings for either in person or telephone screening, 4) components of frailty assessment, and 5) delirium screening for the post-anesthesia care unit setting. Pros and Cons of different cognitive screening measures will be outlined and discussed. After participating in this activity, the learner will be able to: (1) Describe areas of the brain involved in cognitive changes; (2) Describe typical presurgical behavioral profiles of patients at risk for cognitive and functional change; (4) reliably administer at least two common screening tools; and (4) Reliably score common screening tools.

### **Organizing Committee**

- Lisbeth Evered, Weill Cornell Medicine, University of Melbourne
- Catherine Price, University of Florida

### **Moderators**

Cate Price; Lis Evered

## Facilitators

Cate Price; Lis Evered; David A Scott (SVHM); Kelly Atkins (UCSF, SVHM); Benjamin Chapin; Sarinnapha (Fah), Vasunilashorn; Rod Eckenhoff; Tania Giovannetti; David Libon; Franchesca Arias.

## Target Audience

This ISTAART Immersive workshop is targeted to attendees who are in clinical practice, research and teaching roles and is pitched at a beginner-intermediate level.

## Learning Objectives

1. Define perioperative neurocognitive disorders, including their incidence and impact.
2. Recommend an appropriate cognitive screening tool for an older patient undergoing anesthesia and surgery.
3. Use 8 cognitive screening tools in everyday practice and understand the scoring and interpretation of each.

## Registration

Educational workshops are offered for in-person attendance only. Workshops require a separate registration fee in addition to AAIC full conference registration, or they may be purchased as stand-alone events.

## Agenda

Time	Session Details	Speakers and Moderator
7:00 a.m. – 8:00 a.m.	<b>Light Breakfast</b>	
8:00 a.m. – 8:10 a.m.	<b>Welcome &amp; Housekeeping</b>	Drs. Cate Price & Lis Evered
8:10 a.m. – 8:25 a.m.	<b>Perioperative Neurocognitive Disorders</b>	Dr. Lis Evered
8:25 a.m. – 8:40 a.m.	<b>Memory</b>	Dr. Cate Price

8:45 a.m. – 9:00 a.m.	<b>Attention</b>	Dr. Kelly Atkins
9:00 a.m. – 9:10 a.m.	<b>Outline of table allocation, introduction of facilitators, topics covered, timing. Each of eight tables will run for 15 minutes each and then 5 minutes to rotate to the next table.</b>	Drs. Cate Price & Lis Evered
9:10 a.m. – 9:30 a.m.	<b>Table 1:</b> CAM- interview skills	Dr. Benjamin A. Chapin
9:30 a.m. – 9:50 a.m.	<b>Table 2:</b> Social demographic elements – bilingual assessment and multicultural	Dr. Tania Giovannetti
9:50 a.m. – 10:10 a.m.	<b>Table 3:</b> Education and Reading	
10:10 a.m. – 10:30 a.m.	<b>Table 4:</b> Clock drawing	Dr. David Libon
10:30 a.m. – 10:50 a.m.	<b>Table 5:</b> Memory table	Dr. Cate Price
10:50 a.m. – 11:10 a.m.	<b>Table 6:</b> Attention and Working – Months forwards/ backwards	Dr. Kelly Atkins
11:10 a.m. – 11:30 a.m.	<b>Table 7:</b> DSM-V- PND	Drs. David A Scott, Lis Evered & Rod Eckenhoff
11:30 a.m. – 11:50 a.m.	<b>Table 8:</b> Frailty	Dr. Sarinnapha (Fah), Vasunilashorn
11:50 a.m. – noon	<b>Prize draw and conclusions</b>	Drs. Cate Price & Lis Evered
Noon – 1:00 p.m.	<b>Lunch</b>	