



2016 Joint WSSA/BCAS Scientific Meeting Program

December 2nd - 4th
Vancouver, BC

Jointly provided by the:

American Society of
Anesthesiologists® 



British Columbia
ANESTHESIOLOGISTS' SOCIETY

Washington State Society of
Anesthesiologists



Pinnacle Hotel Harbourfront | 1133 West Hastings Street, Vancouver, BC, V6E 3T3

2016 Joint WSSA/BCAS Scientific Meeting Schedule

Friday, December 2	
7:00 – 9:00pm	Reception
Saturday, December 3	
7:00 – 8:00am	Registration and breakfast with exhibitors
8:00 – 9:00am	<p>Postoperative Delirium and Cognitive Deficits: New Mechanisms and Promising Treatments Beverley Orser, MD, PhD, FRCPC <i>Professor of Anesthesia and Physiology, University of Toronto Affiliate Scientist, Biological Sciences, Hurvitz Brain Sciences Research Program, Sunnybrook Research Institute Director of Research, Dept. of Anesthesia, Sunnybrook Health Sciences Centre</i></p>
9:00 – 10:00am	<p>Medical Cannabis: Facts, Fictions, and Regulatory Issues Sanford M. Silverman, MD <i>Medical director and CEO, Comprehensive Pain Medicine, Pompano Beach, FL</i></p>
10:00 – 10:30am	Coffee break with exhibitors
10:30 – 11:30am	<p>Drug Errors in Anesthesia Practice: Not on my watch! Beverley Orser, MD, PhD, FRCPC <i>Professor of Anesthesia and Physiology, University of Toronto Affiliate Scientist, Biological Sciences, Hurvitz Brain Sciences Research Program, Sunnybrook Research Institute Director of Research, Dept. of Anesthesia, Sunnybrook Health Sciences Centre</i></p>
11:30am – 12:30pm	<p>The 2nd ASRA Practice Advisory on Neurologic Complications Associated with Regional Anesthesia Joseph Neal, MD <i>Anesthesiology Faculty, Virginia Mason Medical Center</i></p>

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12:30pm – 2:00pm

Luncheon

Sunday, December 4

7:00 – 8:00am

Registration and breakfast with exhibitors

8:00 – 9:00am

Perioperative Surgical Home: A Work in Progress

Peter J. Dunbar, MB, ChB, MBA
*Associate Professor (retired), University of Washington
Department of Anesthesiology & Pain Medicine
CEO, Foundation for Health Care Quality*

9:00 – 10:00am

The Evidence for IV Lidocaine in Perioperative Pain Management

Kelly Mayson, MD, FRCPC
*Clinical Professor, Director of Quality Assurance and Patient Safety, Department of Anesthesia and Perioperative Care
Vancouver General and UBC Hospitals*

10:00 – 10:30am

Coffee break with exhibitors

10:30 – 11:30am

Seeking Quality in Postoperative Epidural Analgesia - Employing Epidurography

Daniel Warren, MD
Deputy Chief, Department of Anesthesiology and Anesthesiology Pain Clinic, Virginia Mason Medical Center

11:30am – 12:30pm

Complexity and Uncertainty in the Perioperative Setting: The Role of the Anesthesiologist

Cheryl Mack, BScHons, MD, FRCPC, MA
*Clinical Assistant Professor, Anesthesiology & Pain Medicine
Cardiovascular Division, University of Alberta Hospital*

CME OBJECTIVES

Cheryl Mack, BScHons, MD, FRCPC, MA

Complexity and Uncertainty in the Perioperative Setting: The Role of the Anesthesiologist

Following this presentation the participant will be able to:

- discuss the normative aspects of a philosophy of care for complex patients in the perioperative setting;
- discuss the perioperative role of anesthesiologists as leaders in guiding decision-making for complex patients;
- discuss ways to develop a team-based approach to decision-making in the perioperative setting.

Sanford M. Silverman, MD

Medical Cannabis: Facts, Fictions, and Regulatory Issues

Following this presentation the participant will be able to:

- understand and review the neuroscience of cannabinoids;
- review the addictive and reward enhancing properties of cannabinoids;
- review the medical efficacy and studies on chronic pain for cannabis;
- review public health concerns, safety studies concerning cannabis use;
- review and understand the implications of prescribing cannabis to patients;
- understand the legal ramifications of cannabis prescribing and use.

Beverley Orser, MD, PhD, FRCPC

Drug Errors in Anesthesia Practice: Not on my watch!

Following this presentation the participant will be able to:

- discuss the high incidence of drug errors in anesthetic practice;
- describe the most recently developed strategies to improve medication safety in their practice.

Joseph Neal, MD

The 2nd ASRA Practice Advisory on Neurologic Complications Associated with Regional Anesthesia

Following this presentation the participant will be able to:

- summarize the salient features of the 2nd ASRA practice advisory on neurologic complications associated with regional anesthesia;
- list emerging neurological complications of concern that have been associated with regional anesthetic techniques;
- understand the pathophysiology and unique anatomical conditions that place patients at risk for rare neurologic complications.

Peter J. Dunbar, MB, ChB, MBA

Perioperative Surgical Home: A Work In Progress

Following this presentation the participant will be able to:

- integrate best practices to create an effective surgical home program in their current environment;
- distinguish success at several different levels of surgical home deployment;
- analyze the newest developments in the surgical home model to compare against current practice or surgical home practice.

Kelly Mayson, MD, FRCPC

The Evidence for IV Lidocaine in Perioperative Pain Management

Following this presentation the participant will be able to:

- evaluate the importance of multimodal analgesia;
- discuss the use of perioperative lidocaine infusions for perioperative pain management;
- discuss the use of perioperative ketamine infusions for perioperative pain management.

Daniel Warren, MD

Seeking Quality in Postoperative Epidural Analgesia – Employing Epidurography

Following this presentation the participant will be able to:

- evaluate methods of assessment for postoperative epidural analgesia;
- use spinal anatomy to evaluate contrast distribution through epidural and non-epidural catheters;
- identify clinical scenarios where traditional assessment of epidural analgesia function is unreliable.

Beverley Orser, MD, PhD, FRCPC

Postoperative Delirium and Cognitive Deficits: New Mechanisms and Promising Treatments

Following this presentation the participant will be able to:

- describe receptors in the brain that are targeted by most general anesthetics;
- discuss how anesthetics cause long-term memory deficits;
- identify potential treatment and prevention strategies.

Speaker Biographies

Cheryl Mack, BScHons, MD, FRCPC, MA

Dr. Cheryl Mack is an anesthesiologist at the University of Alberta Hospital. She is an Assistant Clinical Professor in the Department of Anesthesiology & Pain Medicine and with the John Dossetor Health Ethics Centre, University of Alberta. Dr. Mack also serves as Chair of the clinical ethics committee, WCM Health Sciences Centre, Stollery Children's Hospital and Mazankowski Alberta Heart Institute.

She holds an MA in healthcare ethics and law from the University of Manchester Law School and is a PhD candidate in philosophy (moral philosophy and philosophy of science and mind) at the University of Alberta.

Sanford M. Silverman

Sanford M. Silverman, MD, is in private practice as the medical director and CEO of Comprehensive Pain Medicine, Pompano Beach, Florida. He is board certified in anesthesiology, with added qualifications in Pain Management from the American Board of Anesthesiology and a Diplomate in Pain Medicine from the American Board of Pain Medicine. He is also a Diplomate in Addiction Medicine from the American Board of Addiction Medicine. His practice consists of interventional and medical treatment of chronic pain, the treatment of various addictive disorders, and currently has an interest in treating complex chronic pain, addiction, and hyperalgesia.

Dr. Silverman earned bachelor and master degrees in Chemical Engineering from Tufts University, and his medical degree from New York Medical College. He then entered active duty military service with the US Army completed a residency in anesthesiology at Brooke Army Medical Center in San Antonio, Texas. After completing his training, he served as Major, US Army and Chief of the Anesthesia and Operative Service at William Beaumont Army Medical Center in El Paso, Texas where he also was also the director of the pain clinic. He was also Assistant Clinical Professor of Anesthesiology at Texas Tech University Health Sciences Center, El Paso, Texas.

Dr. Silverman is the Immediate Past-President the Broward County Medical Association (BCMA) and serves on the Board of Trustees as well. He is the past president of Florida Society of Interventional Pain Physicians (FSIPP), is a board member of the American Society of Interventional Pain Physicians.

Beverley Orser, MD, PhD, FRCPC

Dr. Beverley A. Orser is a Professor of Anesthesia and Physiology at the University of Toronto, the Director of Research, Department of Anesthesia, Sunnybrook Health Science Centre, a former Canada Research Chair in Anesthesia and the elected North American representative to the World Federation of Societies of Anaesthesiologists (WFSA), Quality and Patient Safety Committee. She is an international leader in anesthesia-related research and patient safety. Her studies focus on translational neuroscience research in health and disease. Her laboratory has identified new molecular targets for anesthetic drugs and developed novel treatments for patients

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undergoing anesthesia and surgery. Her work has fundamentally changed our understanding of how anesthetics acutely depress brain function and cause long-term adverse consequences such as delirium and postoperative cognitive deficits. Her studies and leadership activities have led to innovative treatments for improved patient care. Dr. Orser's work has been recognized through numerous awards, including the first Frontiers in Anesthesia Research Award from the International Anesthesia Research Society and a Research Recognition Award from the Canadian Anesthesiologists' Society, the Recognition Award from the Institute for Safe Medication Practices (United States), the Premier's Research Excellence Award (Ontario) and a Career Scientist Award from the Ontario Ministry of Health and Long-Term Care. She was inducted as a Fellow of the Canadian Academy of Health Sciences in 2013.

Joseph Neal, MD

Dr. Joe Neal received his undergraduate and medical training at Wake Forest University and the West Virginia University School of Medicine. He returned to Bowman Gray / Wake Forest University to complete residencies in Emergency Medicine and Anesthesiology. After fellowship training in regional anesthesia at the Virginia Mason Medical Center in Seattle, he joined that group in 1989. Dr. Neal's academic interests include guideline development, upper extremity regional anesthesia, complications of regional anesthesia, and a strong interest in resident / fellow education. He directed the Virginia Mason regional anesthesia fellowship for over a decade as well as their anesthesiology residency program. Dr. Neal was a senior examiner for the American Board of Anesthesiology; Editor-in-Chief of *Regional Anesthesia and Pain Medicine* (2002-2012), and is co-author of the textbooks *Requisites in Anesthesiology: Regional Anesthesia; Complications in Regional Anesthesia and Pain Medicine*; and *A Practical Approach to Regional Anesthesia and Acute Pain Medicine*. He is the Immediate Past-President of the American Society of Regional Anesthesia and Pain Medicine (2015-2017).

Peter Dunbar, MB ChB, MBA

Dr. Peter Dunbar is an anesthesiologist with experience in both private and academic practice over the past 30 years. Since medical school in Scotland he has been involved in professional associations and "medical politics;" he has served as a board member and President of Washington State Medical Association, and Washington State Society of Anesthesiologists. Within the American Society of Anesthesiologists he has served on the EMIT Committee, Committee on Trauma and Emergency Preparedness, Quality Management and Department Administration, Vice Chair of Committee on Future Models of Anesthesia Payment and serves on the PSH Steering Committee. He is the ASA Director for Washington State and Chairs the Frontier Caucus and is Vice Chair of the Western Caucus.

On faculty at the University of Washington for more than 20 years, he has practiced and taught at Harborview Medical Center, the Level I trauma center for Washington State. His clinical research interests have been in pain management in bone marrow transplant and trauma. Following his MBA in 2003 his primary interests have been business and the political side of medicine.

As one of the Perioperative Surgical Home earlier proponents he is very gratified by the immense interest that anesthesiologists all over the country have taken in PSH and he firmly believes that as a medical specialty, anesthesiology's best days are before us.

Since July 2016 Dr. Dunbar has served as CEO of the Foundation for Health Care Quality.

Kelly Mayson, MD, FRCPC

Dr. Kelly Mayson is a Clinical Professor at UBC Department of Anesthesiology, Pharmacology & Therapeutics. She also is the Director of Quality Assurance and Patient Safety for the Department of Anesthesia and Perioperative Care at Vancouver General and UBC Hospitals. She has been the NSQIP Anesthesia Champion at these two hospitals since 2011. She has been actively involved with an Enhanced Recovery After Surgery Program at Vancouver General since 2012, first with colorectal surgery and then with radical cystectomy cases, and more recently with gynecological oncology surgery. She has serviced on the BC Enhanced Recovery Collaborative Advisory Committee since 2013, and been a Core Faculty member.

Dr. Mayson's other interests include neuroanesthesia, postoperative complications, and conscious sedation and analgesia training for radiologists.

Daniel Warren, MD

Daniel Warren, MD, is an academic faculty member and Deputy Chief for the Department of Anesthesiology at Virginia Mason Medical Center in Seattle, Washington. Dr. Warren participates in both perioperative care of patients in the OR, as well as on the ward in postoperative recovery through our Regional Anesthesia and Acute Pain Service. Additionally, he is the Medical Director of the Anesthesiology Pain Clinic and the former program director for the Pain Medicine Fellowship and participates in consultative and interventional care for patients with chronic and cancer pain. As a past Program Chair for the ASRA Pain Medicine meeting, and Co-Chair of the Committee on Continuing Medical Education, Dr. Warren remains committed to participating in educational events provided to the community.

Planner & Faculty Disclosures

Disclosure Policy

The American Society of Anesthesiologists remains strongly committed to providing the best available evidence-based clinical information to participants of this educational activity and requires an open disclosure of any potential conflict of interest identified by our faculty members. It is not the intent of the American Society of Anesthesiologists to eliminate all situations of potential conflict of interest, but rather to enable those who are working with the American Society of Anesthesiologists to recognize situations that may be subject to question by others. All disclosed conflicts of interest are reviewed by the educational activity course director/chair to ensure that such situations are properly evaluated and, if necessary, resolved. The American Society of Anesthesiologists' educational standards pertaining to conflict of interest are intended to maintain the professional autonomy of the clinical experts inherent in promoting a balanced presentation of science. Through our review process, all American Society of Anesthesiologists CME activities are ensured of independent, objective, scientifically balanced presentations of information. Disclosure of any or no relationships will be made available for all educational activities.

The following individuals have disclosed relevant financial relationships:

Name	Commercial Interest	Relationship
Neal Badner, MD, Planner	Johnson & Johnson	Stock Options
	Baxter Corporation	Stock Options

All other faculty, planning committee members and staff have disclosed no relevant financial relationships with commercial interests.

Statements

ACCME Accreditation and Designation Statements

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Society of Anesthesiologists, the Washington State Society of Anesthesiologists, and the British Columbia Anesthesiologists' Society. The American Society of Anesthesiologists is accredited by the ACCME to provide continuing medical education for physicians.

The American Society of Anesthesiologists designates this live activity for a maximum of **8 AMA PRA Category 1 Credit(s)**[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CAS CME STATEMENTS:

Section 1 Accreditation – Scientific Meeting:

This event is approved as an accredited group learning activity as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada and the Canadian Anesthesiologists' Society.

Section 1: Accredited Group Learning Activity.

This is assigned 1 credit per hour with no maximum to the allowable number of credits that you can count.



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Save the Dates!

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December 1st – 3rd

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