



UPMC Update in Anesthesia, Pain & Intensive Care Conference



***Nemacolin Woodlands Resort
Farmington, PA
April 26-27, 2019***

Program Overview:

The University of Pittsburgh Physicians Department of Anesthesiology and Perioperative Medicine will sponsor the Annual UPMC Update in Anesthesia, Pain & Intensive Care Conference April 26-27, 2019 at the beautiful Nemacolin Woodlands Resort, Farmington, PA.

This distinctive program is designed to join experts in anesthesiology and perioperative medicine in a collaborative educational program. This program is intended to review and update the knowledge and skills of anesthesia and perioperative medicine and other healthcare providers. What differentiates this course is its focus on recent updates in non-opioid therapies, opioid addiction, perioperative management for liver and cardiac transplantation, obstetric, pediatric and acute and chronic pain medicine. The program emphasizes the role of operation management, "opioid-free anesthesia and recovery", the role of anesthesiology providers in perioperative medicine, and ultrasound-guided techniques for point of care and regional anesthesia.

This activity is sponsored by the University of Pittsburgh Physicians Department of Anesthesiology and Perioperative Medicine and the University of Pittsburgh School of Medicine Center for Continuing Education in the Health Sciences. (Course # 7854)

Target Audience:

The target audience for this meeting consists of pain and primary care physicians, anesthesiologists, neurologists, neurosurgeons, emergency room and rehab physicians, surgeons, gastroenterologists, internal medicine and family practice physicians, general practitioners, residents, fellows, pharmacists, nurses, CRNAs, CRNPs, PA-Cs, and any other interested individuals.

Learning Objectives:

Upon conclusion of the program, attendees should be able to understand:

- Updates in cardiac and liver transplantation anesthesia and intensive care genetics
- Opioid free surgery
- The role of anesthesiologists in perioperative medicine
- Updates in operating room management
- Updates in chronic pain and opioid addiction
- Updates in pediatric acute & chronic pain medicine
- Update in regional anesthesia and analgesia
- The role of alternative techniques in perioperative pain
- Updates in Auriculotherapy

Program Schedule:

Nurse Program Friday, April 26, 2019 PAIN MANAGEMENT EDUCATION FOR THE ACUTE CARE NURSE: THE OPIOID CRISIS AND BEYOND

TIME	TITLE	SPEAKER
8:15 am - 8:30 am	Registration, Continental Breakfast & Exhibits	
8:30 am - 8:45 am	Welcome & Opening Remarks	Jacques E. Chelly, MD, MBA, PhD
8:45 am - 9:45 am	Auriculotherapy	Jacques E. Chelly, MD, MBA, PhD
9:45 am - 10:45 am	The Role of Fear Avoidance in Chronic Pain Rehabilitation	Tammy Flemming, DNP, ACNP-BC, RN
10:45 am - 11:00 am	Coffee Break	
11:00 am - 12:00 pm	Status of Addiction Medicine - Opioid Epidemic Update	Ryan West, MS, CFI
12:00 pm - 12:45 pm	Lunch	
12:45 pm - 1:45 pm	The Fire Extinguisher: Intranasal Naloxone	Jennifer Pruskowski, PharmD, BCPS, BCGP, CPE
1:45 pm - 2:30 pm	There's a Pill for That...NOT!! Non-Pharmacological Interventions for Nursing	Lois J. Pizzi, MSN, ACNS-BC, RN-BC
2:30 pm - 3:30 pm	A Medical Marijuana Update for Pennsylvania (Non-MD CME)	Trent Emerick, MD, MBA
3:30 pm	Conference Adjournment and Evaluation	

UPMC Provider Unit is accredited as a provider of continuing nursing education by the **American Nurses Credentialing Center's Commission on Accreditation**. The learner will be awarded 5.75 continuing education contact hours(s) for attending the program in its entirety and upon completion and submission of an evaluation form.

Faculty List:

Jacques E. Chelly, MD, PhD, MBA

Course Director
Professor
University of Pittsburgh School of Medicine
Department of Anesthesiology and Perioperative Medicine
Department of Orthopedic Surgery
Director, Regional Anesthesiology & Acute Pain Medicine Fellowship
University of Pittsburgh/UPMC Department of Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Tammy Flemming, DNP, ACNP-BC, RN

Course Co-Director
Certified Registered Nurse Practitioner
Chronic Pain Division
UPMC Department of Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Lois J. Pizzi, MSN, ACNS-BC, RN-BC

Course Co-Director
Clinical Nurse Specialist
University of Pittsburgh Medical Center
UPMC Shadyside
Pittsburgh, PA

Trent Emerick, MD, MBA

Assistant Professor
University of Pittsburgh School of Medicine
Co-Associate Program Director, Pain Medicine Fellowship
University of Pittsburgh/UPMC Department of Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Jennifer Pruskowski, PharmD, BCPS, BCGP, CPE

Assistant Professor, Pharmacy and Therapeutics
University of Pittsburgh School of Pharmacy
Co-Director Geriatric and Palliative Care Area
UPMC Palliative and Supportive Institute
University of Pittsburgh School of Pharmacy/UPMC
Department of Pharmacy
Pittsburgh, PA

Ryan West, MS, CFI

Greenbriar Treatment Center
6200 Brooktree Road
Suite 210
Wexford, PA 15090

Saturday, April 27, 2019

TIME	TITLE	SPEAKER
7:00 am - 7:45 am	Registration, Continental Breakfast & Exhibits	
7:45 am - 8:00 am	Welcome and Opening Remarks	Aman Mahajan, MD, PhD, MBA, Jacques E. Chelly, MD, PhD, MBA
	THE ANESTHESIOLOGISTS ROLE IN OR MANAGEMENT	CHAIR – Mark Hudson, MD, MBA
8:00 am - 8:45 am	The Role of Anesthesiologists in Perioperative Medicine	Aman Mahajan, MD, PhD, MBA
8:45 am – 9:30 am	Technology Solutions to Improve OR Management	Bassam Kadry, MD
9:30 am - 10:00 am	Productivity Surveillance and Active Resource Management in Surgical Services	Mark Hudson, MD, MBA
10:00 am - 10:15 am	Coffee Break and Exhibits	
	OPIOID FREE SURGERY	CHAIR – Jacques Chelly, MD PhD, MBA
10:15 am - 10:45 am	Opioid Free Surgery: Point of View from a Surgeon	Benjamin Davies, MD
10:45 am - 11:15 am	Opioid Free Surgery: Point of View from an Anesthesiologist	Jacques E. Chelly, MD, PhD, MBA
	UPDATE IN REGIONAL ANESTHESIA	CHAIR – Nicholas Schott, MD
11:15 am - 11:45 am	Quadratus Lumborum Blocks	Sabry Ayad, MD
11:45 am - 12:15 pm	Fascial Blocks	Nicholas Schott, MD
12:15 pm - 12:45 pm	General Discussion	All Faculty
12:45 pm	Adjournment	
12:45 pm – 2:00 pm	Lunch and Exhibits	

Saturday, April 27, 2019

ADVANCES IN CARDIOTHORACIC AND TRANSPLANT ANESTHESIOLOGY

TIME	TITLE	SPEAKER
7:00 am - 8:00 am	Registration, Continental Breakfast & Exhibits	
8:00 am - 8:15 am	ABC's of Thoracic Anesthesia	Erin A. Sullivan, MD, FASA
8:15 am – 8:45 am	Past, Present and Future of Ventricular Assist Devices	Christopher Sciortino, MD, MS, PhD, FACS
8:45 am - 9:15 am	Anesthesia for Electrophysiological Procedures	Kimberly Howard-Quijano, MD
9:15 am – 9:45 am	Problem Based Echocardiography	Kathirvel Subramaniam, MD, MPH, FASE
9:45 am - 10:15 am	Coffee Break and Exhibits	
10:15 am – 10:45 am	ERAS for Liver Surgery and Transplantation	Raymond M. Planinsic, MD, FASA
10:45 am - 11:15 am	Perioperative Renal Protection	Ibtesam Hilmi, MB, ChB
11:15 am - 11:45 am	Newer Techniques in Coagulation, Monitoring and Therapy	Ramona Nicolau-Raducu, MD, PhD
11:45 am - 12:15 pm	Goal Directed Hemodynamic Therapy	Michael Boisen, MD
12:15 pm - 12:30 pm	Questions & Answers	Raymond M. Planinsic, MD, FASA
12:30 pm – 2:00 pm	Lunch and Exhibits	
2:00 pm – 5:00 pm	Workshops: POCUS and Coagulation Monitoring	Drs. Subramaniam, Howard-Quijano, Planinsic, Boisen, Nicolau-Raducu
5:00 pm	Adjournment	

**Breakout Sessions A through D run concurrently
Saturday beginning at 2:00 pm**

Breakout Session A - PEDIATRIC REGIONAL ANESTHESIOLOGY

TIME	TITLE	SPEAKER
2:00 pm - 2:15 pm	Introduction to Pediatric Regional Anesthesiology	Mihaela Visoiu, MD
2:15 pm - 3:00 pm	Challenges of Pediatric Ambulatory Regional Anesthesia	Alexander Praslick, MD
3:00 pm - 3:15 pm	Coffee Break and Exhibitors	
3:15 pm - 4:15 pm	Postoperative Pediatric Pain Perception	Mihaela Visoiu, MD
4:15 pm - 5:00 pm	Tourniquets, Compartment Syndrome and Pediatric Nerve Blocks: What we know, and we don't	Karen Boretsky, MD
5:00 pm - 5:30 pm	Question and Answer Session	Mihaela Visoiu, MD
5:30 pm	Adjournment	

Breakout Session B - UPDATES IN CHRONIC PAIN

TIME	TITLE	SPEAKER
2:00 pm - 2:45 pm	Central Sensitization and Chronic Pain: Evaluation and Treatment of Fibromyalgia and Widespread Pain Disorders	Daniel Clauw, MD
2:45 pm - 3:30 pm	Medical Cannabis Update (Non MD CME)	Ajay Wasan, MD, MSc
3:30 pm - 3:45 pm	Coffee Break and Exhibitors	
3:45 pm - 4:30 pm	Precision Medicine and Chronic Pain	Zong Fu Chen, MD
4:30 pm - 5:15 pm	Calcitonin Gene Related Peptide Blocking for Migraine.	Cheryl Bernstein, MD
5:15 pm - 5:30 pm	Question and Answer Session	Cheryl Bernstein, MD
5:30 pm	Adjournment	

Breakout Session C - OPERATING ROOM MANAGEMENT

TIME	TITLE	SPEAKER
2:00 pm - 2:45 pm	Anesthesiology Crisis Response – Lessons Learned from the Tree of Life Synagogue Tragedy	Shawn Beaman, MD, FASA
2:45 pm - 3:30 pm	Systemwide Site Anesthesiology Management Across a Large Multihospital System	Joseph Quinlan, MD
3:30 pm - 3:45 pm	Coffee Break and Exhibitors	
3:45 pm - 4:15 pm	Measuring Clinical Productivity	Mark Hudson, MD, MBA
4:15 pm - 4:45 pm	Factors Improving OR Provider Team Efficiency	Joseph Quinlan, MD
4:45 pm - 5:30 pm	Panel Discussion: Anesthesiology Practice Management	Shawn Beaman, MD, FASA, Mark Hudson, MD, MBA, Joseph Quinlan, MD
5:30 pm	Adjournment	

Breakout Session D - OBSTETRIC ANESTHESIA: ADVANCING COMPREHENSIVE PERINATAL CARE

TIME	TITLE	SPEAKER
2:00 pm - 2:45 pm	Labor and Postpartum Analgesia: Current Practice, New Developments	Grace Lim, MD, MSc
2:45 pm - 3:30 pm	Lung and Cardiac Ultrasound in Obstetrics	Patricia Dalby, MD
3:30 pm - 3:45 pm	Coffee Break and Exhibits	
3:45 pm - 4:30 pm	Obstetric Anesthesia Critical Care	Jennifer Hofer, MD
4:30 pm - 5:15 pm	OB Anesthesia: Advancing Comprehensive Perinatal Care	Patricia Dalby, MD, Grace Lim, MD, MSc Jennifer Hofer, MD
5:15 pm - 5:30 pm	Question and Answer Session	Grace Lim, MD, MSc
5:30 pm	Adjournment	

**Breakout Sessions A through D run concurrently
Saturday beginning at 2:00 pm**

Registration Fee:

Friday registration fee includes Friday admission to the program, breakfast, break, and lunch.

Saturday registration fee includes admission to the Saturday program, breakfast, breaks and lunch. For either day, those who are not registered, a fee of \$30 will be charged for breakfast and \$40 for lunch.

Conference registration is available online at <https://ccehs.upmc.com> (Click on "Upcoming Events"). All cancellations must be in writing and sent to us via U.S. mail or email to Barb Novak Chismar, BA, Conference Manager, chisbn@upmc.edu or 3471 Fifth Avenue, Suite 402, Pittsburgh, PA 15213.

Tuition for cancellations postmarked or date stamped before April 1, 2019 will be refunded in full. After April 1, 2019, a \$50.00 administrative fee will be assessed, the remaining amount refunded. Refunds will not be made after April 10, 2019.

	Fee on or before April 1, 2019	Fee after April 1, 2019
UPMC MD, DO, PhD Friday and Saturday	\$275.00	\$350.00
UPMC MD, DO, PhD Saturday	\$200.00	\$250.00
Non-UPMC MD, DO, PhD Friday and Saturday	\$475.00	\$550.00
Non-UPMC MD, DO, PhD Saturday	\$400.00	\$475.00
UPMC Residents/Fellows Friday and Saturday	\$50.00	\$100.00
UPMC Residents/Fellows Saturday	\$0.00	\$50.00
Non-UPMC Residents/Fellows Friday and Saturday	\$125.00	\$175.00
Non-UPMC Residents/Fellows Saturday	\$100.00	\$150.00
Nurses Friday and Saturday	\$175.00	\$200.00
Nurses Friday	\$75.00	\$100.00
SRNA Friday and Saturday	\$50.00	\$100.00
UPMC CRNAs Friday and Saturday	\$200.00	\$250.00
UPMC CRNAs Friday	\$150.00	\$200.00
UPMC CRNA Saturday	\$150.00	\$200.00
Non-UPMC CRNAs Friday and Saturday	\$350.00	\$375.00
Non-UPMC CRNA Friday	\$300.00	\$375.00
Non-UPMC CRNAs Saturday	\$300.00	\$375.00

Lodging/Accommodations:

The conference has contracted a limited number of hotel rooms at the Nemacolin Woodlands Resort. The discounted group rate of \$189/\$219 (Lodge or Townhouse/Chateau) per night plus applicable taxes and resort fees is available for conference attendees. Early registration is encouraged to assure group room rate. You may book a room by calling the resort at 1 (866) 344-6957. Ask for the UPMC Update in Anesthesia, Pain & Intensive Care Conference 2019 room block (Code 10C4QH) to receive the reduced rate. Please visit <http://www.nemacolin.com/> for details regarding the resort amenities and activities.

CME Accreditation and Designation Statements:

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh School of Medicine designates this live activity for a maximum of 12.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded 1.2 continuing education units (CEU's) which are equal to 12.2 contact hours.

- UPMC Provider Unit is accredited as a provider of continuing nursing education by the **American Nurses Credentialing Center's Commission on Accreditation**. The learner will be awarded 5.75 continuing education contact hours(s) for attending the program in its entirety and upon completion and submission of an evaluation form.
- This program has been prior approved by the **American Association of Nurse Anesthetists** for x.x Class A CE credits; Code Number _____; Expiration Date _____. Course ID: _____ Application in process.

Nondiscrimination, Equal Opportunity, and Affirmative Action:

The University of Pittsburgh is an affirmative action, equal opportunity institution.

Faculty Disclosure:

All individuals in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.

The Americans with Disabilities Act Information:

Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling Barb Novak Chismar at 412-692-4505 or chisbn@upmc.edu .

Faculty List:

Aman Mahajan, MD, PhD, MBA
Peter & Eva Professor and Chair
UPMC Department of Anesthesiology & Perioperative Medicine
University of Pittsburgh School of Medicine
Professor of Anesthesiology, Bioinformatics, and Pharmacology
Professor of Bioengineering, Swanson School of Engineering
Director, UPMC Perioperative Services
University of Pittsburgh/UPMC Department of Anesthesiology and Perioperative Medicine

Pittsburgh, PA

Jacques E. Chelly, MD, PhD, MBA
Course Director
Professor
University of Pittsburgh School of Medicine
Department of Anesthesiology and Perioperative Medicine
Department of Orthopedic Surgery
Director, Regional Anesthesiology & Acute Pain Medicine Fellowship
University of Pittsburgh/UPMC Department of Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Cheryl Bernstein, MD

Course Co-Director
Associate Professor, Anesthesiology and Neurology
University of Pittsburgh School of Medicine
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Department of Neurology
Pittsburgh, PA

Mark E. Hudson, MD, MBA

Course Co-Director
Professor, Anesthesiology
University of Pittsburgh School of Medicine
Executive Vice-Chairman
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Grace Lim, MD, MSc

Course Co-Director
Assistant Professor
University of Pittsburgh School of Medicine
Director, Obstetric Anesthesiology, Magee-Womens
Hospital of UPMC
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Raymond M. Planinsic, MD, FASA

Course Co-Director
Professor
University of Pittsburgh School of Medicine
Director, Transplantation Anesthesiology & Transplant
Anesthesiology Fellowship Program UPMC Presbyterian
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Kathirvel Subramaniam, MD, MPH, FASE

Course Co-Director
Associate Professor
University of Pittsburgh School of Medicine
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Mihaela Visoiu, MD

Course Co-Director
Assistant Professor
University of Pittsburgh School of Medicine
Department of Anesthesiology and Perioperative
Medicine
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Sabry Ayad, MD, MB ChB, MBA

Professor, Anesthesiology
Department of Anesthesiology and Pain Management
Cleveland Clinic Lerner College of Medicine at Case
Western Reserve University
Cleveland, OH

Shawn T. Beaman, MD, FASA

Associate Professor

University of Pittsburgh School of Medicine
Chief Anesthesiologist UPMC Presbyterian
Director, Trauma Anesthesiology, UPMC Presbyterian
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Michael Boisen, MD

Assistant Professor
University of Pittsburgh School of Medicine
Associate Program Director, Adult Cardiothoracic
Anesthesiology Fellowship Program
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Karen R. Boretsky, MD

Instructor in Anesthesia, Harvard Medical School
Director, Perioperative Regional Anesthesia Service
Department of Anesthesiology Perioperative and Pain
Medicine
Boston Children's Hospital
Boston, MA

Zong Fu Chen, MD

Clinical Associate Professor
Director, Pain Service UPMC East
UPMC Department of Anesthesiology and Perioperative
Medicine
Monroeville, PA

Daniel J. Clauw, MD

Professor, University of Michigan School of Medicine
Departments of Anesthesiology, Medicine and
Psychiatry
Director of the Chronic Pain and Fatigue Research
Center, University of Michigan
Ann Arbor, MI

Patricia Dalby, MD

Associate Professor
University of Pittsburgh School of Medicine
Director, Obstetric Anesthesiology Fellowship Program
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Benjamin Davies, MD

Associate Professor
University of Pittsburgh School of Medicine
Director of the Urologic Oncology, UPMC Shadyside
University of Pittsburgh/UPMC Department of Urology
Pittsburgh, PA

Ibtesam A. Hilmi, MB, CHB, FRCA

Professor
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Jennifer Hofer, MD

Associate Professor
University of Chicago School of Medicine
Associate Program Director Obstetrical Anesthesiology
Fellowship
University of Chicago Department of Anesthesiology
and Critical Care Medicine
Chicago, IL

Kimberly Howard-Quijano, MD, MS

Associate Professor
University of Pittsburgh School of Medicine
Director of Translational Research
Director, Neurosurgical Anesthesiology
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Bassam Kadry, MD

Clinical Associate Professor
Stanford University School of Medicine
Department of Anesthesiology, Perioperative and Pain
Medicine
Stanford University
Stanford, CA

Ramona Nicolau-Raducu, MD, PhD

Associate Professor
University of Miami Miller School of Medicine
Department of Clinical Anesthesiology
Chief, Division of Solid Organ Transplant and Vascular
Anesthesia
University of Miami Miller School of Medicine
Miami, FL

Alexander Praslick, MD

Clinical Assistant Professor
UPMC Department of Anesthesiology and Perioperative
Medicine
Pittsburgh, PA

Joseph Quinlan, MD

Professor
University of Pittsburgh School of Medicine
Director, Operating Room Management, UPMC
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Nicholas Schott, MD

Clinical Assistant Professor
Associate Fellowship Program Director, Regional
Anesthesiology and Acute Pain Medicine
UPMC Department of Anesthesiology and Perioperative
Medicine
Pittsburgh, PA

Christopher M. Sciorfino, MD, MS, PhD, FACS

Assistant Professor
University of Pittsburgh School of Medicine
Surgical Director, UPMC Advanced Heart Failure Center
University of Pittsburgh/UPMC Department of
Cardiothoracic Surgery
Pittsburgh, PA

Erin Sullivan, MD, FASA

Associate Professor
University of Pittsburgh School of Medicine
Director, Cardiothoracic Anesthesiology
Director, Adult Cardiothoracic Anesthesiology
Fellowship
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Pittsburgh, PA

Ajay D. Wasan, MD, MSc

Professor
University of Pittsburgh School of Medicine

Vice Chair for Pain Medicine
Department of Anesthesiology and Perioperative
Medicine
University of Pittsburgh/UPMC Department of
Anesthesiology and Perioperative Medicine
Department of Psychiatry
Pittsburgh, PA

Ryan West, MS, CFI

Greenbriar Treatment Center
6200 Brooktree Road
Suite 210
Wexford, PA 15090

Conference Manager:**Barb Novak Chismar, BA**

Education Office Project Manager
Department of Anesthesiology and Perioperative
Medicine
University of Pittsburgh Medical Center
Pittsburgh, PA

Administrative Assistant:**Austin Rauso**

Education Office Assistant
Department of Anesthesiology and Perioperative
Medicine
University of Pittsburgh Medical Center
Pittsburgh, PA