UPMC Update in Anesthesia, Pain & Intensive Care Conference
Nemacolin Woodlands Resort
Farmington, PA
April 27-29, 2018

Program Overview:

The University of Pittsburgh Physicians Department of Anesthesiology will sponsor the Annual Regional Anesthesia & Ultrasound Guided Techniques Conference April 27-29, 2018 at the beautiful Nemacolin Woodlands Resort, Farmington, PA. This distinctive program is designed to join experts in anesthesiology in a collaborative educational program.

This program is intended to review and update the knowledge and skills of anesthesia providers and other healthcare providers related to state-of-the-art professional practice.

This activity is sponsored by the University of Pittsburgh Physicians Department of Anesthesiology and the University of Pittsburgh School of Medicine Center for Continuing Education in the Health Sciences.

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, and PA-Cs, and any other interested individuals.

Learning Objectives:

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

- The role of psychosocial and genetic factors in pain
- The concept of “opioid-free anesthesia and recovery”
- The role of the Perioperative Surgical Home
- Updates in perioperative management for liver transplantation
- Updates in chronic pain and opioid addiction
- Updates in pediatric acute & chronic pain medicine
- Ultrasound-guided techniques for point of care and regional anesthesia

Lodging/Accommodations:

The conference has contracted a limited number of hotel rooms at the Nemacolin Woodlands Resort. The discounted group rate of $179/$209 (Lodge/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 2018 room block to receive the reduced rate. Please visit http://www.nemacolin.com/ for details regarding the resort amenities and activities.
Registration Fee:

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

Saturday and Sunday registration fee includes admission to the program along with CME credit. Continental breakfast and break on both Saturday and Sunday, and lunch on Saturday are included with the fee noted below. For those who are not registered, a fee of $25 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 910, Pittsburgh, PA 15213.

All cancellations must be in writing and sent to us via U.S. mail, email or fax (see contact information below). Tuition for cancellations postmarked or date stamped before February 1, 2018 will be refunded in full. After February 2, 2018, a $50.00 administrative fee will be assessed, the remaining amount refunded, and no refunds will be made after April 1, 2018.

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<tr>
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<th>Fee on or before April 1, 2018</th>
<th>Fee after April 1, 2018</th>
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<tbody>
<tr>
<td>UPMC MD, DO, PhD Friday/Sat/Sunday</td>
<td>$275.00</td>
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<tr>
<td>Non-UPMC MD, DO, PhD Friday/Sat/Sunday</td>
<td>$475.00</td>
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<td>Non-UPMC MD, DO, PhD Sat/Sunday</td>
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<td>UPMC Residents/Fellows Friday/Sat/Sunday</td>
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<tr>
<td>Non-UPMC Residents/Fellows Fri/Sat/Sun</td>
<td>$125.00</td>
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<td>Non-UPMC Residents/Fellows Sat/Sun</td>
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<td>Nurses Friday/Saturday only</td>
<td>$175.00</td>
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<td>Non-UPMC CRNAs Saturday only</td>
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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 Risa Panichelle at 412-692-4572.
# Program Schedule:

## Nurse Program, Friday April 27, 2018:
**MANAGING PAIN MANAGEMENT: THE TIMES WE'RE IN**

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>SPEAKER</th>
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<tbody>
<tr>
<td>8:15 am</td>
<td>Registration, Continental Breakfast &amp; Exhibits</td>
<td></td>
</tr>
<tr>
<td>8:30 am</td>
<td>Welcome &amp; Opening Remarks</td>
<td>Lois J. Pizzi, MSN, ACNS-BC, RN-BC</td>
</tr>
<tr>
<td>8:45 am</td>
<td>Opioid Addiction. Where do we stand?</td>
<td>Jacques E. Chelly, MD, PhD, MBA</td>
</tr>
<tr>
<td>10:00 am</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>10:30 am</td>
<td>Treatment of Opioid Addiction</td>
<td>Frank Kunkel, MD</td>
</tr>
<tr>
<td>11:30 am</td>
<td>Methadone vs. Suboxone</td>
<td>Tammy Flemming, CRNP, ACNP-BC</td>
</tr>
<tr>
<td>12:15 pm</td>
<td>Lunch</td>
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<tr>
<td>1:15 pm</td>
<td>Drugs of Abuse: The New Normal</td>
<td>Anthony F. Pizon, MD</td>
</tr>
<tr>
<td>2:15 pm</td>
<td>High Times – Medical Marijuana</td>
<td>Jennifer Pruskowski, PharmD, BCPS, BCGP, CPE</td>
</tr>
<tr>
<td>3:15 pm</td>
<td>General Discussion/Evaluations</td>
<td>Lois J. Pizzi, MSN, ACNS-BC, RN-BC</td>
</tr>
<tr>
<td>3:30 pm</td>
<td>Conference Adjournment</td>
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## Saturday April 28, 2018:
**INTRODUCTION TO PAIN & LOCAL ANESTHETIC EFFECTIVENESS**

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>SPEAKER</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>Registration, Continental Breakfast &amp; Exhibits</td>
<td>Marshall Webster, MD</td>
</tr>
<tr>
<td>8:00 am</td>
<td>Introduction/Opening Remarks</td>
<td>Inna Belfer, MD, PhD</td>
</tr>
<tr>
<td>8:15 am</td>
<td>Is Acute Surgical Pain the Same in Men and Women? Differences for Acute Pain</td>
<td>William Maixner, DDS, PhD</td>
</tr>
<tr>
<td>8:45 am</td>
<td>The Role of Genetics in Pain</td>
<td>Michael Gold, PhD</td>
</tr>
<tr>
<td>9:15 am</td>
<td>Effects of Inflammation of Local Anesthetic Effectiveness</td>
<td>Qing Liu, MD</td>
</tr>
<tr>
<td>9:45 am</td>
<td>Clinical Reduction of Effectiveness of Local Anesthetics in Patients Undergoing Redo Total Knee Replacement</td>
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</tr>
<tr>
<td>10:00 am</td>
<td>Coffee Break and Exhibits</td>
<td></td>
</tr>
<tr>
<td>10:30 am</td>
<td>Problem of Epidemic Proportion</td>
<td>Jacques E. Chelly, MD, PhD, MBA</td>
</tr>
<tr>
<td>11:00 am</td>
<td>Present Therapeutic Approach for Opioid Addiction</td>
<td>Frank Kunkel, MD</td>
</tr>
<tr>
<td>11:30 am</td>
<td>What is the Real Frequency of Opioid Addiction Following Surgery?</td>
<td>Charles Luke, MD, MBA, FASAM</td>
</tr>
<tr>
<td>12:00 pm</td>
<td>Role of Regional Anesthesia in the Prevention of Opioid Addiction Following Surgery</td>
<td>Jacques E. Chelly, MD, PhD, MBA</td>
</tr>
<tr>
<td>12:30 pm</td>
<td>General Discussion</td>
<td></td>
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<tr>
<td>12:45 pm</td>
<td>Lunch and Exhibits</td>
<td></td>
</tr>
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**Breakout Sessions A through D run concurrently Saturday from 2:00 pm to 5:30 pm. Attendees are limited to one session or as space allows.**
### Breakout Session A
#### OPERATING ROOM MANAGEMENT

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>SPEAKER</th>
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</thead>
<tbody>
<tr>
<td>2:00 pm</td>
<td>Understanding Anesthesiology Clinical Productivity</td>
<td>Mark Hudson, MD, MBA</td>
</tr>
<tr>
<td>2:45 pm</td>
<td>Novel Approaches to Evaluate Operating Room Performance</td>
<td>Mitchell Tsai, MD, MMM</td>
</tr>
<tr>
<td>3:30 pm</td>
<td>Coffee Break and Exhibits</td>
<td></td>
</tr>
<tr>
<td>3:45 pm</td>
<td>Quality and Patient Safety in Anesthesiology</td>
<td>Daniel Sullivan, MD, JD, MBA</td>
</tr>
<tr>
<td>4:30 pm</td>
<td>Perspectives from a New Clinical Chief: Lessons Learned in Team Management</td>
<td>Shawn Beaman, MD</td>
</tr>
<tr>
<td>5:15 pm</td>
<td>General Discussion</td>
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<tr>
<td>5:30 pm</td>
<td>Adjournment</td>
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</table>

Breakout Sessions A through D run concurrently Saturday from 2:00 pm to 5:30 pm. Attendees are limited to one session or as space allows.

### Breakout Session B
#### UPDATE IN ANESTHESIA FOR PATIENTS UNDERGOING ORGAN TRANSPLANTATION

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>SPEAKER</th>
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</thead>
<tbody>
<tr>
<td>2:00 pm</td>
<td>Coagulation Concerns during Liver Transplantation</td>
<td>Raymond M. Planinsic, MD, FASA</td>
</tr>
<tr>
<td>2:45 pm</td>
<td>Coagulation Concerns during Heart and Lung Transplantation</td>
<td>Kathirvel Subramaniam, MD, MPH, FASE</td>
</tr>
<tr>
<td>3:30 pm</td>
<td>Coffee Break and Exhibits</td>
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</tr>
<tr>
<td>3:45 pm</td>
<td>Coagulation Monitoring during Transplantation</td>
<td>Klaus Görlinger, MD, PBM</td>
</tr>
<tr>
<td>4:30 pm</td>
<td>Post-Operative Coagulation Concerns for the Transplant Patient in the ICU</td>
<td>Ali Al-Khafadji, MD, MPH, FCCM</td>
</tr>
<tr>
<td>5:15 pm</td>
<td>General Discussion</td>
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<tr>
<td>5:30 pm</td>
<td>Adjournment</td>
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### Breakout Session C
#### REGIONAL ANESTHESIA IN PEDIATRICS

<table>
<thead>
<tr>
<th>TIME</th>
<th>TITLE</th>
<th>SPEAKER</th>
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<tbody>
<tr>
<td>2:00 pm</td>
<td>Complications of Pediatric Regional Anesthesia</td>
<td>Plinio Silva, MD, MPH</td>
</tr>
<tr>
<td>2:45 pm</td>
<td>Controversial Issues in Pediatric Regional Anesthesia</td>
<td>Alexander Praslick, MD</td>
</tr>
<tr>
<td>3:30 pm</td>
<td>Coffee Break and Exhibits</td>
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<tr>
<td>3:45 pm</td>
<td>Ultrasound-Guided Truncal Blocks: A New Frontier in Pediatric Regional Anesthesia</td>
<td>Mihaela Visoiu, MD</td>
</tr>
<tr>
<td>4:30 pm</td>
<td>What else can we do with an Ultrasound Machine? Point-of-Care</td>
<td>Karen Boretsky, MD</td>
</tr>
<tr>
<td>5:15 pm</td>
<td>General Discussion</td>
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<tr>
<td>5:30 pm</td>
<td>Adjournment</td>
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<tr>
<td>TIME</td>
<td>TITLE</td>
<td>SPEAKER</td>
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<tr>
<td>2:00 pm - 2:45 pm</td>
<td>Update in the Treatment of Migraines in Women</td>
<td>Cheryl Bernstein, MD</td>
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<tr>
<td>2:45 pm - 3:30 pm</td>
<td>Medical Marijuana for Chronic Pain</td>
<td>Scott Brancolini, MD, MPH</td>
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<tr>
<td>3:30 pm - 3:45 pm</td>
<td>Coffee Break and Exhibits</td>
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<tr>
<td>3:45 pm - 4:30 pm</td>
<td>High Frequency Spinal Cord Stimulation--Is It Better?</td>
<td>Trent Emerick, MD, MBA</td>
</tr>
<tr>
<td>4:30 pm - 5:15 pm</td>
<td>An ultrasound guided approach to the Shoulder for Common Pain Complaints</td>
<td>Robert Moore, MD</td>
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<tr>
<td>5:15 pm - 5:30 pm</td>
<td>General Discussion</td>
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<tr>
<td>5:30 pm</td>
<td>Adjournment</td>
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<tbody>
<tr>
<td>7:00 am - 8:00 am</td>
<td>Registration, Continental Breakfast &amp; Exhibits</td>
<td>Paul Bigeleisen, MD</td>
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<tr>
<td>8:00 am - 8:45 am</td>
<td>Lecture</td>
<td>Steven L. Orebaugh, MD, Paul Bigeleisen, MD, Kristin Ondecko Ligda, MD, Uchenna Umeh, MD</td>
</tr>
<tr>
<td>8:45 am - 10:15 am</td>
<td>Hands on Ultrasound Workshop: Part 1</td>
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<tr>
<td>10:15 am - 10:30 am</td>
<td>Coffee Break and Exhibits</td>
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<tr>
<td>10:30 am - 12:00 pm</td>
<td>Hands on Ultrasound Workshop: Part 2</td>
<td>Steven L. Orebaugh, MD, Paul Bigeleisen, MD, Kristin Ondecko Ligda, MD, Uchenna Umeh, MD</td>
</tr>
<tr>
<td>12:00 pm</td>
<td>Conference Adjournment</td>
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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 16.75 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 1.6 continuing education units (CEU’s) which are equal to 16.7 contact hours.
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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 proprietary entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by patients.

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Munich, Germany

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Virginia

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Senior Vice President, UPMC
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Education Office Project Manager
Department of Anesthesiology
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Pittsburgh, PA

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