Tuesday, November 7

08:30-09:15  Hall A+B
Plenary Session:
The Anesthesiologist in the Labor and Delivery Unit: Beyond Labor Epidurals and Cesarean Anesthesia
Speaker: Cynthia Wong (USA)

09:15-10:00  Hall C
ICU and Trauma Session:
Metabolism and Nutrition
- Critical Illness - Decompensated Stress
  Speaker: Mervyn Singer (UK)
- Acute Kidney Injury and Metabolic Syndrome
  Speaker: Or Goren (Israel)
- Calories and Protein Requirements in the Critically Ill
  Speaker: Pierre Zinger (Israel)

09:15-10:00  Hall G
General Session:
Optimizing Airway Management
- Pearls from the Stanford Airway Course
  Speaker: Jeremy Collins (USA)
- Management of the Injured Airway
  Speaker: Ron Samet (USA)
- Extubation: Teaching and Implementing Safer Methods
  Speaker: Ram Roth (USA)

09:15-10:00  Hall H
Cardiothoracic Session:
Thoracic Surgery: New Techniques and Technology
- ERAS in Thoracic Surgery
  Speaker: David Amar (USA)
- What's New in Thoracic Surgery
  Speaker: Edmond Cohen (USA)
- ECMO: What Anesthesiologists Need to Know
  Speaker: Phillip Biederman (Israel)
09:15-10:00
Hall I

Nurses Session (in Hebrew):

- Massive Obstetric Hemorrhage - Point of Care
  Alexander Ioscovitch (Israel)
- Extracorporeal Membrane Oxygenation (ECMO). Past, Present and Future
  Alexander Kogan (Israel)

10:00-10:30
Hall A+B

Networking Event:
Opening Ceremony

10:30-11:00

Coffee Break and Exhibition, Simulations – Brief Simulation Encounters

11:00-12:30
Hall A

Obstetrics Session:
Clinical Decisions in the Labor Ward

- Patient-Controlled Intermittent Epidural Bolus Analgesia
  Speaker: Brendon Carvalho (USA)
- Failed Epidural Analgesia
  Speaker: Richard Smiley (USA)
- Low Platelet Count and Labor Analgesia
  Speaker: Yaakov Beilin (USA)
- Medico-Legal Aspects of Obstetric Anesthesia
  Speaker: David Bogod (UK)
- Pre-Eclampsia and the Anesthesiologist
  Speaker: Clemens Ortner (Austria)

11:00-12:30
Hall B

General Session:
Effective Operating Room Management

- The Perioperative Surgical Home: An American Dream or the Future
  Speaker: Zeev Kain (USA)
- Computer Based Management of the Operating Room
  Speaker: Ofer Merin (Israel)
- Understanding the Psychology of Behavioral Economics Applied to the Delivery and Decision Making in Healthcare
  Speaker: David Lubarsky (USA)
- Human Factors in Anesthesiology: How They Affect Us and Why We Care
  Speaker: Nikolaus Gravenstein (USA)
11:00-12:30 Hall C

ICU and Trauma Session:
**Integrating Monitoring and Physiology**

- **A Physiological Approach to Managing Heart Failure**
  Speaker: Mervyn Singer (UK)
- **Hemodynamic Monitoring in Shock: European Recommendations and Possible Future Trends**
  Speaker: Serban Bubenek (Romania)
- **Pulmonary Physiology at The Bedside**
  Speaker: Daniel Talmor (USA)

11:00-12:00 Hall G

**General Session:**
**Delirium after Surgery and in the ICU**

- **Detection, Treatment & Prevention of Delirium in the Post-Operative Critical Care Period**
  Speaker: William Peruzzi (USA)
- **Can We Truly Monitor Awareness Under Anesthesia?**
  Speaker: Dana Baron–Shahaf (Israel)

11:00-13:30 Hall H

**Workshop 1:**
**Monitoring the Brain in the Operating Room**
*Tickets are Required.*

11:00-12:30 Hall I

**Nurses Session (in Hebrew):**

- **Nutrition Day in ICU Patients**
  Miriam Theilla (Israel)
- **Emergence Delirium in Postoperative Pediatric Ambulatoric Patients**
  Alik Gololobov (Israel)
- **For Whom the Bell Tolls**
  Ruth Ben Harush (Israel)

12:30-13:30 Hall A

**General Session:**
**Organ Dysfunction**

- **Pharmacological Protection of the Kidneys**
  Speaker: Giovani Landoni (Italy)
- **Liver Regeneration Following Extensive Hepatic Resection - The Role of the Anesthesiologist**
  Speaker: Idit Matot (Israel)
- **Anesthetic Binding Sites in the Brain**
  Speaker: Alex Evers (USA)
ICISA 2017
Scientific Program
October 2017

12:30-13:30    Hall B
Quality, Safety and Ethics Session (in Hebrew):
Arbitration as a Tool For Resolving Conflicts in Healthcare

- Mediation, Arbitration and Litigation What is the Difference?
  Speaker: Omri Gefen (Israel)
- Mediation in Medicine
  Speaker: Haim Berkenstadt (Israel)
- Applications of Mediation in Medical Professional Crisis
  Speaker: Omri Geffen (Israel)

12:30-13:30    Hall C
Obstetrics Session:
Critical Situations in Obstetric Anesthesia

- Obstetric Airway
  Speaker: Jeremy Collins (USA)
- Massive Bleeding
  Speaker: Alexander Butwick (USA)
- Disaster Preparedness in the Obstetric Unit
  Speaker: Gillian Abir (USA)
- Amniotic Fluid Emboli
  Speaker: Alexander Ioscovitch (Israel)

12:30-13:30    Hall I
Nurses Session (in Hebrew):

- New Modes of Mechanical Ventilation in ICU
  Yaron Bar Lavi (Israel)
- Morbid Obese Patient in ICU
  Jonathan Cohen (Israel)
- Blood Pressure in Neurocritically Ill Population: An Update
  Evgeni Brotfain (Israel)

13:30-14:30
Lunch Break
13:30-14:30  Hall G

Lunch Symposium Supported by Masimo
Caring for the Critically Ill Patient: Novel Strategies to Optimize Oxygenation and Oxygen Delivery (DO2)
Pre-Registration is Required.
Chair: Aryeh Shander (USA)

- **Conservative Approach in Oxygen Delivery: Is It Needed?**
  Mervyn Singer (UK)
- **The Future of Noninvasive Monitoring – Beyond Pulse Oximetry: A Novel Noninvasive Measure of Oxygen Reserve Index (ORi), Validation and Applications of a New Variable**
  Peter Szmuk (USA)
- **Safety and Effectiveness of A Patient Blood Management (PBM) Program In Surgical Patients**
  Kai Zacharowski (USA)
- **Latest Hemodynamic Strategies - Blood, Oxygen and Fluids: Friends or Foes?**
  Azriel Perel (Israel)

14:30-16:00  Hall A

**General Session:**
**Hemodynamics - Physiology at the Bedside**

- **Understanding General Hemodynamics**
  Speaker: Michael O’Connor (USA)
- **Perioperative Beta Blockade**
  Speaker: Stefen De Hert (Belgium)
- **Management of Patients with Valvular Heart Disease for Non-Cardiac Surgery**
  Speaker: Steven Konstadt (USA)
- **Perioperative Care of Severe Pulmonary Hypertension**
  Speaker: Eric Wilkens (USA)

14:30-16:00  Hall B

**Pain Session:**
**Pain and Analgesics in Special Circumstances**

- **Tailored Post-Operative Pain Management: Precision Medicine Approach**
  Speaker: Ruth Landau (USA)
- **Do Local Anesthetics Have Anticancer Effects?**
  Speaker: Daniela Ionesco (Romania)
- **Pediatric Pain Service: Who, Why and How?**
  Speaker: Daniel Stocki (Israel)
- **Altneublock: The Sphenopalatine Ganglion Block - New Uses for an Old Block**
  Speaker: Gilbert Grant (USA)
ICU and Trauma Session:
Lung Injury: Mechanisms and Treatment

- Is It Possible to Prevent ARDS?
  Speaker: Daniel Talmor (USA)
- High Flow Oxygen
  Tommaso Mauri (Italy)
- Patient – Ventilator Synchrony
  Speaker: Francesco Mojoli (Italy)
- Anti-oxidant Therapy in Critically Ill Patients
  Speaker: Dorel Sandesc (Romania)

14:30-16:00 Exhibition Area

Obstetricals Session:
Obstetric Anesthesia Simulation Scenario 1
Tickets are required.
Speakers:
- Gillian Abir (USA)
- Nasir Hawash (Israel)
- Sara Goldhaber-Fiebert (USA)
- Stephen Halpern (Canada)
- Haim Berkenstadt (Israel)

Quality, Safety and Ethics Session:
Point-of-Care Ultrasound: Don’t Get Left Behind

- Trauma Assessments with Ultrasound
  Speaker: Ron Samet (USA)
- TTE As a Tool for Anesthesiologists in Urgent Situations
  Speaker: Jeffrey Fisher (Israel)
- Gastric Ultrasound - Does It Affect Clinical Practice?
  Speaker: Adrian Grunfeld (Israel)
- Vascular Access with Ultrasound - No Longer a Blind Prod
  Speaker: Christopher Troianos (USA)
- Neuraxial Blocks with Ultrasound - for the Difficult or for All?
  Speaker: Brendan Carvalho (USA)

14:30-15:15 Hall I
Refresher Course 1:
Airway Management: In-Hospital and Pre-Hospital
Speaker: Micha Shamir (Israel)

15:15-16:00 Hall I
Refresher Course 2:
The Pregnant Patient With Cardiac Disease
Speaker: Menahem Weiner (USA)
16:00-16:30  
Coffee Break and Exhibition, Simulations – Brief Simulation Encounters

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| 16:30-17:30   | Hall B   | Refresher Course 3:  
Preventing Postoperative Delirium and Cognitive Decline  
Speaker: Finn M. Radke (Denmark) |
| 16:30-17:30   | Hall C   | Refresher Course 4:  
Current Controversies in Adult Outpatient Anesthesia  
Speaker: Jeffrey Apfelbaum (USA) |
| 16:30-17:30   | Exhibition Area | Obstetrics Session:  
Obstetric Anesthesia Simulation Scenario 2  
*Tickets are required.*  
Speakers:  
- Gillian Abir (USA)  
- Nasir Hawash (Israel)  
- Sara Goldhaber-Fiebert (USA)  
- Stephen Halpern (Canada)  
- Haim Berkenstadt (Israel) |
| 16:30-17:30   | Hall G   | Oral Communications 1                                                  |
| 16:30-17:30   | Hall H   | Oral Communications 2                                                  |
| 16:30-17:10   | Hall I   | Industry Supported Session:  
Assessing Nociception through Parasympathetic Activity  
Speaker: Pedro Amorim (Portugal) |
| 17:00-18:20   | Hall A   | General Assembly of the ISA (ISA members and residents)               |
|               |          | Chair: Benjamin Drenger, President ISA                                |
| 18:30         | Exhibition Hall | Networking Event:  
Welcome Reception           |
Wednesday, November 8

06:00-07:00
Networking Event:
Fun Run: Early Morning Anesthesiologists, 5K on the Tel Aviv Promenade
Pre-Registration is Required.

07:30-08:15 Hall C
Meet the Expert Session:
Transfusion Medicine in the Perioperative Period
- We Can Avoid Blood Transfusion in the Perioperative Period
  Speaker: Aryeh Shander (USA)
- Massive Bleeding: Fibrinogen and PCC versus 1:1:1 ratio of Blood Products?
  Speaker: Daniela Filipescu (Romania)

07:30-08:15 Hall G
Refresher Course 5:
A Minimalist Approach to Hemodynamic Monitoring
Speaker: Michael O'Connor (USA)

07:30-08:15 Hall H
Meet the Expert Session:
Optimizing Cesarean Delivery Pain Management in Breastfeeding Mothers
Speaker: Brendon Carvalho (USA)

08:15-08:45 Hall A+B
Plenary Session:
Presentation of Awards and Honorary Memberships by the ISA
Moderator: Benjamin Drenger

08:45-09:45 Hall A+B
Plenary Session:
Emergence of Value-Based Care: Strategies for Anesthesiologists to Succeed in a New Era
Speaker: David Reich (USA)

09:45-10:30 Hall A+B
Cardiothoracic Session:
Perioperative Myocardial Injury
Speaker: Daniel Sessler (USA)
Neuro Session:
Anesthetic Challenges in Neurosurgical Patients

- **Quality, Safety and Neurosurgical Anesthesia**
  Speaker: Keith Ruskin (USA)
- **Blood Loss Management in Spine Surgery**
  Speaker: Dafna Willner (Israel)
- **Anesthesia for Epilepsy Surgery**
  Speaker: Shaun Gruenbaum (USA)

ICU and Trauma Session:
The Critical Patient in the Surgical Department

- **Early Diagnosis**
  Speaker: Adi Nimrod (Israel)
- **Fluid Responsiveness**
  Speaker: Amir Cohen (Israel)
- **Automated Monitoring of Urine Output**
  Speaker: Evgeni Brotfain (Israel)
- **Failure to Rescue and Rapid Response Teams**
  Speaker: Sharon Einav (Israel)

10:30-11:00
Coffee Break and Exhibition, Simulations – Brief Simulation Encounters

Equipment and Technology Session:
Is Man Still the Most Extraordinary Computer of All?

- **To Err Is Human and Digital Health**
  Speaker: Zeev Kain (USA)
- **Non-Invasive Hemoglobin Monitoring: How Accurate Is Enough?**
  Speaker: Timothy E. Morey (USA)
- **Robotic Telepresence in Critical Care**
  Speaker: Jeffrey Sadowsky (USA)
- **Big Data for Outcome Research in Anesthesia**
  Speaker: Brian Bateman (USA)
11:00-12:30 Hall B

**Quality, Safety and Ethics Session:**

**Guidelines and Protocols: Cheat Sheets or Better Medicine?**

- **Practice Guidelines: Do We Really Need Them?**
  Speaker: Stefan De Hert (Belgium)

- **Is It the 21st century? New Methodologies for Training Anesthesiologists**
  Speaker: Michael Lewis (USA)

- **Cognitive Aids in Perioperative Crises: Emerging Data and Uses**
  Speaker: Sara Goldhaber-Fiebert (USA)

- **Anesthesia Quality Indicators**
  Speaker: Haim Berkenstadt (Israel)

11:00-12:30 Hall C

**ICU and Trauma Session:**

**Critical Care of Multiple Trauma in a Regional Center**

- **The Head Injured Patient in a Hospital without a Neurosurgeon**
  Speaker: TBA

- **The Critically Injured Patient in a Hospital without a Trauma Unit**
  Speaker: Aryeh Eden (Israel)

- **Can Any Hospital Treat Any Trauma?**
  Speaker: Boris Kessel (Israel)

- **Intraosseous Vascular Access**
  Stephen Luney (UK)

- **Discussion**

11:00-12:30 Hall G

**Pediatrics Session:**

**The Pediatric Airway**

- **Perioperative Care of Neonates with Airway Obstruction**
  Speaker: Pierre Fiset (Canada)

- **Approaches to the Difficult Pediatric Airway - What Have We Learned from the Pediatric Difficult Intubation Registry?**
  Speaker: David Polaner (USA)

- **Team Approach to Challenges in Pediatric Airway**
  Speaker: Jerry Lerman (USA)

- **Pediatric Emergency Surgical Airway - Is There Evidence?**
  Speaker: Gabriella Aschkenasy (Israel)
11:00-13:30 Hall H

Workshop 2: Perioperative Cardiac Echo
Tickets are Required.
Speakers:
- Christopher Troianos (USA)
- Jeffrey Fisher (Israel)
- Yuval Meroz (Israel)
- Shahar Bar Yosef (Israel)

12:30-13:30 Hall A

General Session: Blood Management

- Patient Blood Management in Perioperative Medicine
  Speaker: Kai Zacharowski (Germany)
- Management of Patients Receiving Anticoagulant/Antithrombotic Medications
  Speaker: David Mazer (Canada)
- Is Dilutional Anemia A Common Cause for Unnecessary Blood Transfusion?
  Speaker: Azriel Perel (Israel)

12:30-13:30 Hall B

Neuro Session: Management of Acute Stroke: What is our Role?

- The Acute Stroke Patient: How Critically Ill Is He Really?
  Speaker: Orit Nahtomi-Shick (Israel)
- Treatment of Stroke: Innovations in the Neuro-angio Suite
  Speaker: Mati Bakon (Israel)
- General Anesthesia vs Local Anesthesia for Endovascular Treatment of Ischemic Stroke
  Speaker: Alexander Zlotnik (Israel)

12:30-13:30 Hall C

Pediatrics Session: Anesthesia Drugs in Pediatrics: Cautions and Alternatives

- Anesthesia and the Developing Brain
  Speaker: Peter Szmuk (USA)
- Premedication
  Speaker: Perla Ekstein (Israel)
- 2016 FDA Warning on Pediatric Anesthesia
  Speaker: Amit Lehavi (Israel)
- Peripheral Nerve Blocks in Pediatrics
  Speaker: Fima Reichenstein (Israel)
12:30-13:30

Industry Supported Session by Medasense:
Missing a Piece? NOL™ (Nociception Level) Technology: Intraoperative Pain Monitoring for Optimizing Analgesia

- The Importance of Intraoperative Nociception Monitoring, Introduction to the Novel NOL™ technology, and Key takeaways from Latest Study
  Daniel Sessler (USA)
- Experience from Using NOL Technology and Case Reports From NOL™ Guided Analgesia
  Ruthy Edry (Israel)

13:30-14:30
Lunch Break

13:30-14:30

Lunch symposium: Masimo
The Brain: Latest Advancements Improving Perioperative Patient Safety
Pre-Registration is Required.

Moderator: Aryeh Shander (USA)
- Post-operative Delirium & POCD: Improving Patient Safety – Clinical Advances in Brain Monitoring
  Francisco Lobo (Portugal)
- The Brain Is Not Just a Number: Applications and Advances for Processed EEG Monitoring - From the Theory to the Practice
  Pierre Pandin (Belgium)
- Brain Function Monitoring and Cerebral Oxygenation: Where Do We Go From Here? – New Frontiers
  Massimo Lamperti (Italy)
- Brain Monitoring and the Depth of Anesthesia: Another Goldilocks Dilemma
  Aryeh Shander (USA)

14:30-15:30

Equipment and Technology Session:
To BIS or Not to BIS

- Pro
  Speaker: Daniel Sessler (USA)
- Con
  Speaker: Benjamin Drenger (Israel)
14:30-16:00 Hall B

Cardiothoracic Session:
Heart of the Matter

- Cardiac Surgery and Anesthesia - Past, Present and Future  
  Speaker: Davy Cheng (Canada)
- Point of Care Evaluation of Hemostasis in the Cardiac Surgery Patient  
  Speaker: Linda Shore-Lesserson (USA)
- Blood Conservation in Cardiac Surgery  
  Speaker: Jacob Raphael (USA)
- Starting and Running A Successful TAVR Program  
  Speaker: Steven Konstadt (USA)

14:30-16:00 Hall C

Medico Legal and Ethics Session:
When Anesthesiologists Are Sued

- My Experiences Consulting with Attorneys (Defense and Plaintiff) in Medical Malpractice Cases  
  Speaker: Richard Smiley (USA)
- Medicolegal Aspects of Anesthesia  
  Speaker: David Bogod (UK)
- An Overview of US Good Samaritan Laws and Legal Liability for Care Outside the Hospital Setting - Legalities and Ethics  
  Speaker: Eric Wilkens (USA)
- The Role of Expert Witnesses in Medical Malpractice Cases  
  Speaker: Judge Ram Winograd (Israel)

14:30-16:30 Hall H

Workshop 3: GasMan

Pre-Registration is Recommended.
Participants are requested to bring their own Windows or Macintosh laptop computer.
Speaker:
- James Philip
14:30-16:00  Hall I

Special Session:
Seventy Years from the Nuremberg Trials: Enforced Medical Experimentation in the Holocaust, the Nuremberg Code and the Path to Modern Human Medical Research Ethics
Moderator: Yehuda Ginosar (Israel)

- **Step 1: Denying the Universal Value of Life: Eugenics, Euthanasia and the Descent Into the Abyss**
  Speaker: Rakefet Zalashik (UK)

- **Step 2: Enforced Medical Experimentation in The Shoah – From Pseudoscience to Sadism.**
  Speaker: Benjamin Gesundheit (Israel)

- **Step 3: Mengele’s studies on twins at Auschwitz: a personal witness.**
  Speaker: Martha Weiss (Australia/Israel)

- **Step 4: Passivity and “The Banality of Evil”: The Role of the Mainstream German Medical Community.**
  Speaker: Rakefet Zalashik (UK)

- **Step 5: The Nuremberg Trials, the Nuremberg Code and the Path to Modern Human Medical Research Ethics**
  Speaker: Eran Dolev (Israel)

- **Open discussion: Lessons Learned**

15:30-16:30  Hall A

**Pain Session**

**Dose Regional Anesthesia Decrease Postoperative Pain?**

- **Regional Anesthesia for Outpatient Surgery**
  Speaker: Michael Gofeld (USA)

- **Long Acting Blocks - Which Additives are Safe or Effective to Prolonging the Block**
  Speaker: Phil Wagner (USA)

- **Multimodal Analgesia for Postoperative Pain**
  Speaker: Evgeny Reider (Israel)

16:00-16:30

Coffee Break and Exhibition, Simulations – Brief Simulation Encounters

16:30-17:15  Hall A

**Oral Communications 3**

16:30-17:15  Hall B

**Refresher Course 6:**

Anesthetic Management of Patients with Cirrhosis for Non-Transplant Surgery
Speaker: Dmitri Bezinover (USA)
16:30-17:15   Hall C
Oral Communications 4

17:15-18:15   Hall A
Obstetrics Session:
What's New in Obstetric Anesthesia: 2016 in Review and Focused Discussion

Speaker: Brian Bateman (USA)
  Discussion
  Speaker: Yaakov Beilin (USA)
  Speaker: Cynthia Wong (USA)

17:15-18:15   Hall B
Neuro Session:
Challenges for Anesthesia and the Damaged Brain
  Cerebral Reperfusion, Autoregulation and Anesthesia
  Speaker: Steven Robicsek (USA)
  Sedation in Neurocritical Care
  Speaker: Frederico Bilotta (Italy)
  Airway Management of Patients with Intracranial Hypertension
  Speaker: Sonia Vaida (USA)

17:15-18:15   Hall C
General Session:
Anesthesia in Unique Situations
  Robotics in Anesthesia
  Speaker: Gilles Boccara (France)
  Anesthesia in Austere Environments: Haiti
  Speaker: Timothy E. Morey (USA)
  Ambulatory Anesthesia: The Original ERAS
  Speaker: Beverly Philip (USA)

16:30-18:15   Hall G
Workshop 4:
Airway and Lung Separation
Tickets are Required.
Speakers:
  Jeremy Collins (USA)
  Edmond Cohen (USA)
  Ram Roth (USA)
  Gad Estis (Israel)
  Michal Barak (Israel)
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<td>Refresher Course 7:</td>
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<td><strong>Neonatal Resuscitation</strong></td>
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<td>Speaker: Ruben Bromiker (Israel)</td>
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<td>Networking Event:</td>
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<td><strong>Gala Dinner</strong></td>
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