

PROGRAM REGISTRATION

82ND ANNUAL SURGICAL UPDATE

GLOBAL SURGERY AND THE BURDEN OF SURGICAL DISEASE



PROVIDENCE RHODE ISLAND

April 30-May 2, 2020

GLOBAL SURGERY AND THE BURDEN OF SURGICAL DISEASE

Dear Colleagues,

It is my genuine pleasure to invite you to the 82nd Annual Surgical Update of the International College of Surgeons-United States Section. Our 2020 US Section annual meeting will be held from April 30 to May 2 at the Renaissance Downtown Hotel in Providence, Rhode Island. I also extend a cordial invitation to the members of the American Academy of Neurological and Orthopaedic Surgeons who as our educational partner for the past 15 years, will be joining us for their 44th Annual Scientific Meeting.

The CME portion of our program has been titled, Global Surgery and the Burden of Surgical Disease with the planned sessions and speakers listed within this publication. We will begin our program on Thursday afternoon, April 30th, with a session on Global Surgery that will feature presentations by ICS Fellows as well as invited guests from affiliated NGOs active in humanitarian activities. Special lectures and specialty sessions will also be included during the three-day educational program to provide ample AMA Category 1 CME credit. Providence is not only the capital of Rhode Island, but also home to Brown University and the Warren Alpert Medical School. A number of faculty members from this Ivy League institution are scheduled to join us as invited speakers during our scientific sessions. With relatively close proximity to a number of other well-known and prestigious Northeast educational institutions, you can see that the planned scientific content for our conference is exceptional.

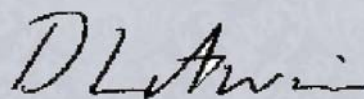
I am extremely delighted that Dr. Michel Gagner, the world-renowned laparoscopic and bariatric surgeon from Montreal, Canada, will join us as the recipient of the Dr. Andre Crotti Award for Distinguished Service to the Profession of Surgery. He is a professor of surgery and senior consultant affiliated with the University of Montreal's Sacré-Coeur Hospital and will present, "Magnetic Surgery: Is It Ready for Prime Time?", for the Annual Crotti Lecture. He will also make a scientific

presentation entitled, "Strategies to Decrease Esophageal Cancer Risk Following Sleeve Gastrectomy," during our Bariatric Surgery Forum on Saturday afternoon, May 2nd.

Our historic meeting destination is centrally located in New England and near attractive destinations for pre or post-meeting sight-seeing excursions such as Newport, Cape Cod, Martha's Vineyard and Nantucket as well as Boston. Providence combines the friendliness of a small town with the culture and sophistication of a big city. The municipality has undergone a dramatic transformation over the past 50 years and has a thriving arts community, vibrant and diverse neighborhoods, fantastic hotels, a renowned restaurant scene and tons of things to do (including the Rhode Island School of Design, whose RISD Museum displays American art and silver). Nearby, 18th and 19th-century homes line the streets of College Hill, which is less than 2 miles from the Renaissance Hotel.

Whether you know about Providence and have visited before or if you have never had a chance to visit, this is a perfect opportunity to discover everything there is to do in this historic part of our country. An abundance of activities, fine dining, entertainment as well as top notch education will all be part of the ICSUS 82nd Annual Surgical Update in Providence next year.

Please check FICS Online regularly for updates and register today!



Demetrius E.M. Litwin
2020 President, United States Section
International College of Surgeons

FOR ALL THE LATEST MEETING INFORMATION VISIT WWW.FICSONLINE.ORG

The following schedule and speaking commitments were accurate at time of printing; 2/15/20. For the most up to date information visit the website.

2020 PLANNING COMMITTEE

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Demetrius E.M. Litwin, MD*+
General Surgery
Worcester, MA

Chair

CME Committee

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Transplantation, Sioux Falls, SD

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Pediatric Surgery, Mechanicsburg, PA

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Frank P. Bongiorno, MD +
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Orthopaedic Surgery, Boca Raton, FL

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Plastic Surgery, Boca Raton, FL

Clara Raquel Epstein, MD
Neurological Surgery, Cotopaxi CO

Zaki-Udin Hassan, MD
Anesthesiology, Lexington, KY

Peter T. Kennealey, MD+
Transplantation, Aurora, CO

Andrew Klein, MD *
Transplantation, Los Angeles, CA

Phillips Kirk Labor, MD
Ophthalmology, Grapevine, TX

Chair

Council of Specialty Groups

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General Surgery, Providence, RI

Rifat Latifi, MD+
General Surgery, Hawthorne, NY

Joshua M.V. Mammen, MD +
Surgical Oncology, Kansas City, KS

Sharique Nazir, MD+
General Surgery, Milltown, NJ

Marco A. Pelosi III, MD +
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Arno A. Roscher, MD
Pathology, Los Angeles, CA

Dixon Santana, MD *+
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Transplantation Surgery, Shreveport, LA

Mamta Swaroop, MD+
Trauma Surgery, Chicago, IL

Jacob Varon, MD
Plastic Surgery, Belaire, TX

Thomas D. Willson, MD+
Plastic Surgery, South Hero, VT

Lucia Zamorano, MD+
Neurological Surgery, Birmingham, MI

*Executive Committee Member
+ CME Committee Member

CME ACCREDITATION INFORMATION

COURSE SPONSOR

International College of Surgeons
United States Section
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OVERALL COURSE OBJECTIVES The Annual Surgical Update is designed to offer information regarding the latest surgical advancements and technology to address gaps in knowledge that may exist for practicing surgeons in all surgical specialties, residents in training, and allied health professionals. The desired outcome of this program is increased knowledge, better competency in cutting edge treatment modalities, and enhanced treatment decision making. It is the expressed goal of the course to provide enough material that upon completion of the activity the participant can make educated decisions to incorporate the latest surgical techniques and technologies as well as discern when these procedures are warranted to provide optimum patient care.

Topics presented during the Annual Surgical Update have been designed to address and improve the attendee's knowledge and skills in the following competencies; patient care or patient-centered care, medical knowledge, practice-based learning & improvement, quality improvement and professionalism.

DISCLOSURE POLICY It is the policy of the International College of Surgeons-US Section that any individual who is involved in planning or presenting in a program designated for AMA Physician's Recognition Award Category 1 Credit™ must disclose all relevant financial relationships with a commercial interest prior to being included in the final program. This information is disclosed to the audience prior to the activity. The ICS-US has procedures in place to address a conflict of interest should one arise. Our complete Policy on Commercial Support and Independence is available on FICS Online or by request from Headquarters. Additionally, faculty members are asked to disclose when any discussion of unapproved use of a pharmaceutical or medical device occurs.

ACCREDITATION The International College of Surgeons-United States Section is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor Continuing Medical Education for physicians.

CREDIT DESIGNATION The International College of Surgeons-United States Section designates this live activity for a maximum of 19 AMA PRA Category 1 Credits. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

FEATURED SPEAKERS

MICHEL GAGNER, MD PRESENTING THE DR. ANDRE CROTTI LECTURE



Dr. Gagner is a highly-respected surgeon who is world renowned for his contributions to laparoscopic and bariatric surgery. Born in Montreal, Quebec, Canada, he first studied at the Séminaire de Sherbrooke where he obtained a Quebec College Diploma in 1978 followed by an MD at Université de Sherbrooke in 1982. Completing his residency in general surgery at McGill University in Montreal, during which time he did research studies on human lipolysis in sepsis, he then went to Paris, France to complete a fellowship in liver surgery and a second fellowship in pancreas and complex GI surgery at the Lahey Clinic in Massachusetts.

In 1990, Dr. Gagner accepted his first teaching appointment at the Université de Montréal School of Medicine as an assistant professor of surgery (Hotel-Dieu de Montreal), during which time he introduced his skills in laparoscopic surgery. As a pioneer of robotic assisted surgery, World first laparoscopic removal of the adrenal glands, the liver, bile duct and pancreas removal by laparoscopic surgery, he eventually made his way to the U.S. to practice at the Cleveland Clinic Foundation in Ohio where he co-founded the Minimally Invasive Surgery Center. He there, pioneered the use of endoscopic surgery for parathyroid and thyroid tumors in humans. He then became the director of the Minimally Invasive Surgery Center at Mount Sinai School of Medicine in New York, chair of the laparoscopic division and also earned the title of Franz Sichel Professor of Surgery. There he pioneered telesurgery with Professor Marescaux and Leroy of Strasbourg, the first trans-atlantic robotic assisted surgery, published in Nature in 2001. He then became head of the laparoscopic and bariatric surgery section at Cornell University's Weill Medical College (New York City).

Most recently serving as chief surgeon at Mount Sinai Hospital in Miami and professor of surgery at Florida International University, Dr. Gagner is now working out of the affiliated University of Montreal's Sacré-Coeur Hospital, as a professor of surgery and senior consultant. He also owns the Westmount Square Surgical Center, a private clinic specialized in bariatric surgery for weight loss and metabolic surgery for type-2 diabetes.

World-renowned for laparoscopic and bariatric surgery related to weight loss, the Clinic of Dr. Gagner, which is located in Montreal, specializes in the laparoscopic sleeve gastrectomy which he pioneered in 2000, as well as laparoscopic duodenal switch, which he was the first to perform in 1999, and various new innovative endoscopic treatments for obesity, type-2 diabetes, and gastro-intestinal tract disorders.

The author and co-author of more than 400 publications and 10 books, including the latest 2 on "Atlas of Hepato-Pancreatico-Biliary Surgery" and the "2nd Edition of Endocrine Surgery", Dr. Gagner is also a patentee in his field, especially on new methods to treat obesity and GI anastomosis. An elected fellow of the American College of Surgeons, the Royal College of Surgeons (Canada) and the American Society for Metabolic and Bariatric Surgery (ASMBS), he is also an honorary member of the Academie Nationale de Chirurgie de France, the Association Francaise de Chirurgie, the Mexican Laparoscopic Surgery Society, the Colombian Surgical Society, the Brazilian Surgical College, the Peruvian Surgical Society and the European Association for Endoscopic Surgery.

Dr. Gagner received a 2017 City of Marseille, France, Medal, SAGES Pioneer in Surgical Endoscopy Award (2017), 21st Oliver H. Beahrs Professorship (Mayo Clinic 2016), Surgical innovation award from the ASMBS (2016), A2011 Excel Award by the Society of Laparoendoscopic Surgeons, a 2010-2011 French National Assembly Award, and Medal of the City of Bordeaux, Nice and Sete, France.

FEATURED SPEAKERS

TOBIAS D. RAABE, MD PRESENTING THE DR. ARNO A. ROSCHER ENDOWED LECTURE



Dr. Tobias D. Raabe will present the Arno A. Roscher Endowed Lecture. Dr. Raabe was born in Stuttgart, the Capital City of Baden Wuerttemberg, a state in South Western Germany. He attended the University of Hohenheim near Stuttgart and graduated with a Masters in Biology Summa Cum Laude. He went on to receive his Ph. D. degree on the 'Molecular Genetics of Jumping Genes' at the University of Basel, Switzerland, under the mentorship of Nobel Laureate Dr. Werner Arber.

Dr. Raabe then pursued postdoctoral research in the United States, first at Columbia University, where he published a landmark First Author Nature Article describing the cloning and functional characterization of Poly (A) Polymerase, a basic 'housekeeping' enzyme that is essential for the regulation of gene expression of almost all mammalian genes.

In 1995 he moved on to the Picower Institute for Medical Research in Manhasset, New York, where he published a seminal First Author paper in the Journal of Biological Chemistry on the mechanism of induction of the proinflammatory cytokine Tumor Necrosis Factor, with direct and important implications for the development of anti-inflammatory drugs.

In 2000 Dr. Raabe moved to the University of Pennsylvania in Philadelphia, initially as the Technical Director of the Penn Gene Targeting Core and Laboratory, and later as Research Assistant Professor of Genetics. He published many original research papers in journals such as PNAS, Nature Immunology and others, on the generation of mice harboring mutations in specific genes of interest for the purpose of human disease modeling.

Recently he and his coworkers showed for the first time that irreversibly damaged human liver can still give rise to long term proliferating stem cells that recapitulate many liver disease phenotypes. This opens up a new avenue towards the use of patient liver derived stem cells for human liver disease modeling and, importantly, for personalized drug screening. Dr. Raabe was selected to present these data at the most prestigious European Gastroenterology Congress, the UEG week in Barcelona, Spain last October.

Dr. Raabe will share with us his insights into the use of stem cells in human disease.

BUSINESS MEETINGS

ICS-US Section Business Meetings

Meetings will be held on Thursday, April 30, beginning at 8am.

AANOS Business Meeting

Will be held late afternoon on Friday, May 1.

PRELIMINARY SCHEDULE

Thursday

4/30/2020

2pm-6pm

Friday

5/1/2020

8am-12pm

OPENING SESSION GLOBAL SURGERY I SURGICAL CONSORTIA

The focus of the Global Surgery Symposia will be related to the role of consortia and collaborations in treating the global burden of surgical disease. The approach of many organizations including the Operation Giving Back initiative of the American College of Surgeons, the Team Broken Earth initiative out of Canada, as well as numerous university programs will be presented. Additionally, there will be ample opportunity for discussion including the ICS perspective and role in global surgery.

Surgical Mission Surprises - How to Manage Them Out of Our Comfort Zone (Honduras and the Philippines)
Domingo T. Alvear, MD, Mechanicsburg, PA

Bridging Gaps by Sharing Resources to Save Lives: A High School Student's Perspective
Shrinit Babel, Lutz, FL

Surgical Challenges: A Surgeon's Perspective from the Developing World
Suman Baral, MD, Tansen, Nepal

Cervical Cancer Screening and Treatment: Building Programs in Bangladesh and Kenya
Susan Cu-Uvin, MD, Providence, RI

Team Broken Earth - Concepts and Accomplishments
Andrew Furey, MD, St. John's, NL, Canada

Disparities in Global Surgical Education Between Developed and Developing Countries- Fullbright Project
Vijay Mittal, MD Southfield, MI

Bariatric Surgery - The Swiss Experience
Peter Nussbaumer, MD, Lachen, Switzerland

Non-Surgical Management of the Infectious Complications of Severe Acute Pancreatitis in Paraguay
Guido Parquet, MD, Asuncion, Paraguay

The Evolution of the ICS Volunteerism Registry into a Functional Global Surgery Search Engine
Mark Perlmutter, MD, Rocky Mount, NC

THE DR. ARNO A. ROSCHER ENDOWED LECTURE
Stem Cell Therapies: Facts and Fiction
Tobias Raabe, PhD, Philadelphia, PA

Patient Safety: Global Movement-Indian Scenario
Rajesh Shah, M.S.(Gen.Surg.),D.G.O., Ahmedabad, India

Update on Operation Giving Back Ethiopia
Girma Tefera, MD, Madison, WI

The ICS Role in Global Surgery
George Tsoulfas, MD, Thessaloniki, Greece

AANOS ANNUAL SCIENTIFIC MEETING NEUROLOGICAL AND ORTHOPAEDIC SURGERY I

Participants in this session will receive valuable updates on the diagnosis and most advanced treatment options for a variety of Neurosurgical and Orthopaedic conditions. Learners will be informed about: the FORCE-TJR registry data of the most common causes of failure of total hip arthroplasty; the GEMINI spinal cord fusion protocol; how Centers of Excellence can benefit patients; updates related to the direct anterior approach to total hip arthroplasty; the latest about effective use of zero profile cages; data related to outcomes for total knee replacement; an interesting perspective on international healthcare from an Orthopaedic Surgeon and the use of stem cells to treat a variety of orthopaedic issues. Learner will obtain the appropriate information during this session to determine whether further more advanced educational initiatives are required in order to effectively implement the information into practice.

Total Knee Replacement Outcomes in 2020
David Ayers, MD, Southborough, MA

International Healthcare: From Volunteering to Creating
Jacob Babu, MD, MHA, Providence, RI

Direct Anterior Approach Total Hip Arthroplasty
Eric Cohen, MD, East Providence, RI

Complications Requiring Revision Total Hip Arthroplasty Within the First Year of Primary Surgery
Matthew Deren, MD, Worcester, MA

Centers of Excellence; A Winning Proposition
John Froehlich, MD, MBA, East Providence, RI

Incorporating Regenerative Therapies within your Clinical Practice
Mark Perlmutter, MD, Rocky Mount, NC and
J. Matthew Burnett, DC, McMurray, PA

Progress of Head Transplantation: Reconstruction of the Severed Spinal Cord
Xiaoping Ren, MD, Nanning, Guangxi Province, China

ACDF with 0 Profile Cages
Lucia Zamorano, MD, Birmingham, MI

PRELIMINARY SCHEDULE

Friday

5/1/2020

8am-10:00am

GLOBAL SURGERY II

Part 2 of the Global Surgery Symposia will continue discussions that started on Thursday during the Opening Session. The approach of several other organizations as well as individual experiences will be presented. Additionally, there will be several presentations by individuals who will convey how specific health concerns are treated in their countries, thereby demonstrating another aspect of "Global Surgery."

Utilization of an Intraoperative Grading System to Predict Conversion in Laparoscopic Cholecystectomy: A Nepalese Perspective

Suman Baral, MD, Tansen, Nepal

Research Collaboration

Abraham Jaffe, MD, Boston, MA

Overexpression of FOXM1 Predicts Poorer Sorafenib Response and Links to Regorafenib Resistance

Kung-Kai Kuo, MD, PhD, Kaohsiung, Taiwan

Partners for World Health

Elizabeth McLellan, RN, MSN, MPH, DrPH (Hon), Portland, ME

Global Surgery in the SDG Era

John Meara, MD, DMD, MBA, Boston, MA

International College of Surgeons and the Global Surgery Challenge

Peter Nussbaumer, MD, Lachen, Switzerland

Roadmap for Medical Education in Modern Rural Nepal: Our Challenges and Achievements

Chetraj Pant, MD, Tansen, Nepal

Friday

5/1/2020

10:15am-12pm

TELEMEDICINE AS A PLATFORM TO INCREASE ACCESS TO CARE

Health care professionals can now use telemedicine tools to evaluate, diagnose and treat patients at a distance using modern telecommunications technology. This healthcare delivery system has changed dramatically in the past 10 years and it is now considered by many as an extremely important aspect of healthcare. This symposium will provide the latest information about how telemedicine is being used in the surgical field.

Telemedicine for Trauma, Emergency and Disaster Management: Trauma Surgeon's Perspective

Rifat Latifi, MD, Hawthorne, NY

Surgical Telementoring and What is New in Telemedicine: Editor's Perspective

Ronald Merrell, MD, Mentone, AL

Building a Telemedicine Clinical Practice and Guidelines of American Telemedicine Association: President's Perspective

Andrew R. Watson, MD, Pittsburgh, PA

Friday

5/1/2020

1pm-1:30pm

SPECIAL LUNCHEON PRESENTATION PRACTICE MANAGEMENT

Success Factors for Retirement: What to Know if Years Away or in Retirement Today

Andrew Taylor, CFP, Cincinnati, OH



PRELIMINARY SCHEDULE

Friday 5/1/2020 1:30pm-3:00pm

UPDATE ON TRANSPLANT

There are challenges with respect to the availability of organs for liver transplantation. This session will address the significant global differences in the availability of deceased and living donors. In addition, the emerging option of laparoscopic living donor transplantation as well as xenograft transplantation will be presented by experts in the field.

Robotic Transplant Surgery
Mohamed Akoad, MD, Burlington, MA

Laparoscopic LDLT
Adel Bozorgzadeh, MD, Worcester, MA

Liver Preservation
Paulo Martins, MD, PhD, Worcester, MA

Uncontrolled Donation After Cardiac Death in the United States: A pipe dream or potential reality?
Trevor Nydam, MD, Aurora, CO

Xenograft
Joe Tector, MD, Birmingham, AL

Friday 5/1/2020 1:30pm-5:00pm

ANNUAL RESEARCH SCHOLARSHIP COMPETITION

Surgical Residents and Medical Students who have submitted research manuscripts will participate in this annual contest with the top submissions presenting their research in an oral format. Manuscripts of all the competitors will be judged by a panel to determine who will qualify to make an oral presentation during the Annual Surgical Update. Oral presentations during the program in Providence will also be judged, combining both scores to determine the winners of various prizes (including a cash grand prize). Attendees will be presented with fascinating information by some of the brightest young minds in medicine.

Post-Operative Pain Management in Laparoscopic Surgery: Developing a Model for Balanced Opiate Prescribing and Promoting Responsible Disposal of Narcotics
Brett Baker, MD, MBA, MS, Reading, MA

A Retrospective Analysis of Low Socioeconomic Medicare/Medicaid Population Undergoing Laparoscopic Sleeve Gastrectomy in an Urban Setting: Are We Doing Enough?
Vishal Chandel, M.D., Brooklyn, NY

Does History of Mesh Implantation Effect Outcomes in Complex Abdominal Wall Reconstruction?
James Choi, MD, MA, New York, NY

Safety Analysis of a Voluntary Multispecialty Surgical Mission - Age is not a Contraindication
Shekhar Gogna, M.D, Valhalla, NY

Referral Patterns of Burn Injury in Rural Kenya
Mary Hunter, MD, MA, ScM, Providence, RI

Distal Pancreatectomy Outcomes: Perspectives from a Community based Teaching Institution
Manu Kaushik, MD, Farmington Hills, MI

The 5-factor Modified Frailty Index (mFI-5): An Effective Predictor of Mortality in Brain Tumor Patients
Adham Khalafallah, MD, Baltimore, MD

Epidemiology of Head Trauma in a Secondary Level Hospital in Northern Haiti
Jean Wilguens Lartigue, MD (c), Boston, MA

Online Informational Seminars: Increasing Access to Bariatric Surgery?
David Leenen, MD, Providence, RI

Readmission with New Drug Use in Patients with and without Mental Illness After Firearm Injury
Miriam Neufeld, MD, Boston, MA

Outcomes Acute Pancreatitis: Analysis of 127,274 Patients from Nationwide Inpatient Sample Database
Kenji Okumura, MD, Port Chester, NY

Thoracoplasty: Still Relevant to Current Practice
Rebecca Lee Phillip, MD, Lexington, KY

Carotid Endarterectomy vs Carotid Stenting for Carotid Disease: A Nationwide Analysis of 6-Months Outcomes
Muhammad Zeeshan, MD, Tarrytown, NY

Predictors and Outcomes of Postoperative Bleeding in End-Stage Renal Disease Patients on Long-Term Dialysis Undergoing Elective Abdominal Surgery
Joy Zhou, BA, MHS, Providence, RI



PRELIMINARY SCHEDULE

Friday 5/1/2020 3:15pm-5:15pm

ETHICS WORKSHOP

As more states join the growing collection that have legalized Marijuana, both medical and recreational, emergency rooms are now active clinical laboratories. This session and the planned presentation will be structured to include: discussion of the popular history of the 'weed'; a review of the written history: Cannabis untold; 'Reefer Madness' and its resulting health effects will be defined. Ample time will be scheduled for audience participation as well as debate with the speaker and other members of the audience.

Reefer Madness and Medical Marijuana:
A 21st Century Reality
Frank Bongiorno, MD, MPS, Murfreesboro, TN

Saturday 5/2/2020 8am-12pm

AANOS ANNUAL SCIENTIFIC MEETING NEUROLOGICAL AND ORTHOPAEDIC SURGERY II

Participants in this session will receive updates on the diagnosis and treatment options for a variety of Neurosurgical and Orthopaedic maladies. Learners will receive information about: gamma knife radiosurgery; battlefield brain; oral anticoagulants; nerve sheath meningiomas; management of chronic subdural hematoma; intertrochanteric hip fractures; adult brainstem high-grade glioma; aging knees; MISS lumbar fusion. Learner will obtain the appropriate information during this session to determine whether further more advanced educational initiatives are required in order to effectively implement the information into practice.

Gamma Knife Radiosurgery and Highly Active Antiretroviral Therapy (HAART) for the Treatment of AIDS-Related Primary Central Nervous System Lymphoma
Andres Alvarez Pinzon, MD, PhD, MHA, Los Gatos, CA

"Battlefield Brain" Resulting from a Civilian Gas Plant Explosion
Saptarshi Biswas, MD, Brentwood, TN

Primary Optic Nerve Sheath Meningiomas
W. Craig Clark, MD, PhD, Carrollton, MS

Novel Direct Oral Anticoagulants: A Review of Specific and Nonspecific Means of Reversal
W. Craig Clark, MD, PhD, Carrollton, MS

Challenges in the Management of Chronic Subdural Hematoma
Shankar Gopinath, MD, Houston, TX

Intertrochanteric Hip Fractures: A History of Treatments
Gerald Greenfield, Jr, MD, MS, San Antonio, TX

The Impact of Extent of Resection on Survival in Adult Brainstem High-Grade Glioma Patients
Adham Khalafallah, MD, Baltimore, MD

Assessing the Efficacy of Repeat Resections in Recurrent Glioblastomas: A Systematic Review
Adham Khalafallah, MD, Baltimore, MD

Update On Aging Knees
Robert Mathews, MD, Millersville, PA

Gammaknife Radiosurgery Management of Primary CNS Lymphoma: State of the Art from a Prospective Observational Comparative Study
Jose Valerio, MD, MBA, South Miami, FL

MISS Lumbar Fusion
Lucia Zamorano, MD, Birmingham, MI

Saturday 5/2/2020 8am-10:45am

ROBOTICS AND TECHNOLOGY SYMPOSIUM

The use of a robotic surgery system enhances precision, flexibility and control during an operation. The surgeon can see the site better compared with traditional techniques. Using a surgical robotic, delicate and complex procedures that may have been difficult or impossible with other approaches can now be achieved. Robotic surgery involves risk and isn't an option for everyone. During this session, participants will learn about the most recent advances and uses of a robotic surgery system in various specialties. A debate format is also planned to present the pros and cons of this 21st century innovation.

How May the Next Generation of Robots Transform Surgery?
Mehran Anvari, MD, Hamilton, Ontario, Canada

Robotic Surgery: Building an Academic Program
Andrew Duffy, MD, New Haven, CT

Robotic Extraperitoneal Abdominal Wall Reconstruction
Omar Y. Kudsi, MD, Brockton, MA

Robotics has no Place in Colorectal Surgery
Justin Maykel, MD, Worcester, MA

PRELIMINARY SCHEDULE

ROBOTICS AND TECHNOLOGY SYMPOSIUM (CONTINUED)

Robotic Ventral Hernia Repairs
Yuri Novitsky, MD, New York, NY

Robotics is the Future of Colorectal Surgery
Larry Sasaki, MD, Bossier City, LA

The Role of Artificial Intelligence in Surgery: Are We There Yet?
Georgios Tsoulfas, MD, PhD, Thessaloniki, Greece

Saturday 5/2/2020 11am-11:45pm

THE ANDRE CROTTI LECTURE

Magnetic surgical systems reduce the number of ports required during laparoscopic surgery. Reducing the number of incisions needed to perform a surgical procedure may reduce complications such as pain, scarring, and infection. During this special lecture, Dr. Gagner will provide the latest available information as well as his personal experience using this relatively new approach to laparoscopic surgery.

Magnetic Surgery: Is It Ready for Prime Time?
Michel Gagner, MD, Montreal, Quebec, Canada

Saturday 5/2/2020 12:45pm-1:15pm

HONORS LUNCHEON WITH SPECIAL LECTURE

The Business of Surgery: Challenges and Opportunities
Sibu P. Saha, MD, MBA, Lexington, KY

Saturday 5/2/2020 1:30pm-3:15pm

BARIATRIC SURGERY FORUM

Bariatric surgery makes physical changes to the gastrointestinal system to help patients reduce weight. Included procedures are gastric bypass surgery, sleeve gastrectomy and laparoscopic gastric band (lap-band). This lecture series will discuss information related to a variety of related issues to these surgeries such as: the role of a surgical robot, decreasing the risk of esophageal cancer, comparison of various approaches and how bariatric surgery is impacting people's approach weight loss. Participants in this session will have a better understanding of the various options available as well as the risks and rewards for patients.

Bariatric Surgery: RYGB and Sleeve
George Ferzli, MD, Staten Island, NY

Strategies to Decrease Esophageal Cancer Risk Following Sleeve Gastrectomy
Michel Gagner, MD, Montreal, Quebec, Canada

Weight of the World- The Role of Bariatric Surgery
John J. Kelly, MD, Worcester, MA

The Role of the Robot in Bariatric Surgery
Sharique Nazir, MD, Milltown, NJ

Gastric Bypass/Sleeve Emergencies for the Acute Care Surgeon
Siva Vithianathan, MD, Providence, RI

Saturday 5/2/2020 3:30pm-4:45pm

TRAUMA PLENARY SESSION

Representing 18 surgically related specialties, ICSUS CME programs are rich in diversity. The multidisciplinary educational sessions presented in this activity seek to provide content that improves the learner's competence, performance or patient outcomes through interaction with peers. Due to the scope of our global organization, ICSUS encourages participants from all specialties to interact and learn from one another, thereby building a broad base of knowledge. In this session compiled from abstracts submitted by ICS Fellows and others, presentations will cover issues related to a variety of trauma and critical care surgery topics.

Trauma Patients Previously Opioid Naive with Multisystem Orthopedic Injuries are at the Highest Risk for Prolonged Opioid Use. A Suburban Level II Trauma Center Experience.
Saptarshi Biswas, MD, Brentwood, TN

Isolated Left Lower Lobe Pleuroparenchymal Fibroelastosis Presenting as Hemothorax: A Case Report
Michael Fassler, BS, Chicago, IL

Negative Pressure Wound Therapy (NPWT) and its Effects on Complex Necrotizing Wounds on the Lower Limb
Federico Gattorno, MD, Elizabeth, NJ

Withdrawal of Care in 'Functionally Independent' Seriously Injured Elderly: Risk Factors and Predictors
Shekhar Gogna, MD, Valhalla, NY

Utilization of Psychosocial Services Among Pediatric Patients with Penetrating Trauma
Miriam Neufeld, MD, Boston, MA

PRELIMINARY SCHEDULE

Saturday 5/2/2020

3pm-5:30pm

GENERAL PLENARY SESSION

Representing multiple surgical specialties, ICSUS CME programs are rich in diversity. The multidisciplinary educational sessions presented, seek to provide content that improves the learner's competence, performance or patient outcomes through interaction with peers. ICSUS encourages participants from all specialties to interact and learn from one another, thereby building a broad base of knowledge. In this session compiled from abstracts submitted by ICS Fellows and others, presentations will cover issues related to a variety of topics including: surgical oncology, mentorship in surgical training, Atrial Fibrillation, Hirschsprung's Disease and more.

The Role of Formal Mentorship in General Surgery Training: A Survey Portraying a Single Institution's Experience
Manu Kaushik, MD, Farmington Hills, MI

The Role of Preoperative PET Examination for Metastatic Liver Cancer from Colorectal Cancer
Yoshihito Kotera, MD, PhD, Tokyo, Japan

Infected Port-a-cath Leading to Sterno-Manubrium Costochondritis Requiring Serial Debridement and Prolonged IV Antibiotic Treatment
Andy Chao Hsuan Lee, MD, Chicago, IL

New Treatment Approaches to Atrial Fibrillation - A surgical or Medical Entity?
Tessa London, MD, MPH, Lexington, KY

Sub-Classification of Breast Masses by Fine Needle Aspiration Cytology
Chimezie Madubogwu, MBBS, MSc, Awka, Anambra State, Nigeria

Management of Neglected Hirschsprung's Disease in Adults and Adolescents
Sunita Ojha, MS, MCh, Jaipur, Rajasthan, India

Emphysematous Aortitis
Aditya Safaya, MD, Ossining, NY

Applicability of Buccal Fat Pad Grafting for Reconstruction of Surgically Created Defects in the Oral and Maxillofacial Regions
Joji Sekine, DDS, PhD, Nagasaki, Japan

Indication of Glossectomy, Cervical Lymph Node Dissection and Reconstructive Surgery in Tongue Squamous Cell Carcinoma
Joji Sekine, DDS, PhD, Nagasaki, Japan

Management of Lower Extremity Tibial Arterial Disease: Where Are We and Where Are We Heading?
Ehab Sorial, MD, Stanford, CA

Surgical Treatment for Intrahepatic Cholangiocarcinoma
Masakazu Yamamoto, MD, PhD, Tokyo, Japan



THE TOP FIVE THINGS TO DO IN PROVIDENCE

At the northern tip of Narragansett Bay, Rhode Island's capital city is wonderfully compact, diverse, and eccentric. Its long history, from its founding by dissidents escaping Puritan Massachusetts to its colorful contemporary politics, may explain the eccentricities. These combine with its wealth of historic sights (entire neighborhoods are designated historic districts) and artistic highlights to make Providence fun to visit. In addition to offering a number of top tourist attractions and things to do, Providence is lively and full of character, a city of distinctive neighborhoods reflecting both its ethnic and cultural diversity. A high-powered student population from Brown University, Rhode Island School of Design (RISD), and Providence College keep it young and vibrant, along with insuring a rich arts and intellectual scene. People here take their restaurants seriously, so be sure and ask locals for dining suggestions - you'll always get an informed opinion.

1 BENEFIT STREET "MILE OF HISTORY"



On this mile-long street traversing the steep hillside that rises from the river to the Brown University campus, you can see an architectural history of Providence. At one end are the restrained and elegant Federal period homes, beautifully restored with their doorways in a neat row close to the street, and as you walk farther, you'll see grand homes set back on their lawns, and later Victorian, even Arts and Crafts-style residences. Several of the city's attractions are among them - the Governor Stephen Hopkins House with its terraced garden, the Athenaeum (with Edgar Allen Poe connections), and the John Brown House. You can get details on the various buildings from an excellent Benefit Street walking tour booklet from the Providence Preservation Society.

2 RISD MUSEUM OF ART



Whether your artistic passion is for French Impressionists or Japanese prints, or your design tastes run to ancient Egyptian, early American, or cutting-edge contemporary, you'll find enough to keep you happy in the depth and breadth of this museum's collections. The Rhode Island School of Design (RISD), one of America's top art colleges, reflects its own wide range of specialties in the objects chosen for its museum. Needlework and textiles, sculpture from ancient to Rodin, Asian art, videos, furnished Federal period rooms, and galleries of priceless paintings comprise dozens of individual collections. So many outstanding works are here that each of its separate collections would be enough to make a museum of its own. Address: 224 Benefit Street, Providence Official site: www.risdmuseum.org

3 JOHN BROWN HOUSE



President John Quincy Adams described the 1786 home of merchant John Brown as "the most magnificent and elegant mansion that I have ever seen on this continent." From its lofty hillside setting he could keep an eye on his China Trade ships and warehouses at India Point, the source of his considerable wealth. That he was a man of taste as well as wealth and prominence is clear from the house, with its French wallpapers, finely worked decorative detail and moldings, and original Brown family furniture. For an unparalleled view of 18th-century life for the Providence aristocracy, as well as a look at some of the best pieces by Rhode Island cabinetmakers that you'll find anywhere, don't miss this magnificent home. Address: 52 Power Street, Providence Official site: www.rihs.org

4 BROWN UNIVERSITY



The Brown University campus crowns College Hill and has since 1770; its oldest building and still the center of the campus is University Hall, which served as a barracks and hospital during the Revolution. The impressive Van Winkle Gates open only twice a year, on the first day of classes and for the commencement procession in May. Stamp collectors will want to see the complete collection of US postage stamps in the John Hay Library; the John Carter Brown Library has a collection of rare early maps. The free David Winton Bell Gallery has excellent changing exhibits of contemporary and historic art. For student-led campus tours, visit the Corliss-Brackett House. Here's a secret you probably won't hear about on the tour: Brown's Environmental Center has a conservatory on Waterman Street, a glass house with a jungle of plants and exotic flowers thriving inside through the coldest of winter days. Few know about it, but the center advises that "Artists, gardeners, tinkerers, dreamers, readers, thinkers, general plant lovers, and green and brown thumbs are encouraged to visit." Address: Corliss-Brackett House, 45 Prospect Street, Providence Official site: <https://www.brown.edu/>

5 ROGER WILLIAMS PARK AND ZOO



Roger Williams Park covers 435 acres with gardens; a lake with a 1915 bandstand; an amphitheater; greenhouses; the 1773 Betsy Williams Cottage; and a children's area with a carousel, trackless train rides, and other activities. Also in the park is a Museum of Natural History with insects, minerals, fossils, and the state's only planetarium. But what draws most visitors is the 40-acre Roger Williams Park Zoo, one of the oldest zoos in the country, but a paragon of modern zoo design and concept. At this kid-friendly and largely cage-free place you can meet a snow leopard, giraffe, elephant, zebra, wildebeest, alligator, kangaroo, and red panda, and small-fry can climb into the treehouse or go for a camel ride. If you don't like the notion of caged animals and want to learn something about them and their habitats instead of just parading past, this is the zoo for you. Seasonal activities such as the October "Spooky Zoo" and pumpkin spectacular make it even more fun for kids. Address: 1000 Elmwood Avenue, Providence Official site: <http://www.rwpzoo.org/>

For more information visit the Providence Convention & Visitors Bureau at WWW.GOPROVIDENCE.COM

SOCIAL EVENTS

ALLIANCE BOARD OF DIRECTORS & GENERAL MEMBERSHIP MEETING

Thursday May 2

Please join us to discuss Alliance plans for the Annual Meeting and beyond. If you have ever wondered what the Alliance is or does, then this meeting shouldn't be missed.

HISTORY OF PROVIDENCE LECTURE

Thursday May 2

Kristen Adamo, President & CEO of the Providence Warwick Convention & Visitors Bureau will be on hand to provide guests with a brief history of the area and highlights of 'what not to miss' during your stay. This is a complimentary event sponsored by the Alliance; but advance registration is required.

WELCOME RECEPTION

Thursday April 30

Join us as we mark the opening of the 82nd Annual Surgical Update. This is a moment to come together and meet new friends & catch up with long-time colleagues.

HONORS LUNCHEON

Saturday May 2

Please join us as we induct our Section's new Fellows into the College and honor those who have contributed to the success of our meeting and our Section.

CLOSING DINNER

Saturday May 2

Join us as we come together for one last event before we bid farewell until next year. Demetrius Litwin, MD and Mark Perlmutter, MD invite you to attend the combined closing dinner of ICS-US and the AANOS. The black-tie optional event will feature award presentations and live entertainment.

PRICE: \$150/PERSON, TICKETS MUST BE ORDERED IN ADVANCE.

RENAISSANCE PROVIDENCE DOWNTOWN HOTEL RESERVATIONS

5 Avenue of the Arts Providence, Rhode Island

Book by March 15 for the discounted meeting rate:

**SINGLE/DOUBLE ROOMS:
\$199/NIGHT**

All Reservations will be charged a one-night deposit of room and tax. You may cancel without penalty up to 72 hours prior to arrival. Cancellations made less

than 72 hours prior to arrival will forfeit the one-night deposit. Reserve your room in the meeting block at the Renaissance Providence Downtown Hotel:

**VIA PHONE
401-919-5000**

**ONLINE
WWW.FICSONLINE.ORG/HOTEL**

REGISTRATION INFORMATION

Meeting Registration

The Meeting Registration form is on the next page. Everyone attending or participating in educational sessions, including faculty, is expected to complete the registration form and return it with payment. Registrations received without payment will not be processed.

Supplemental Registration

This category is not appropriate for physicians who will attend educational sessions. All other individuals who are present at meeting events must register in this category. Including: Spouses, Domestic Partners and Relatives. Included in this registration are: Breakfasts, Coffee Breaks, Lunches, non-ticketed Alliance Activities, and one ticket to the Opening Reception.

Cancellation Policy

The cancellation deadline is March 28, 2020. Refunds will be issued, minus a \$75 processing fee, upon receipt of written notification via fax or mail. Verbal or written cancellations after April 2, will not be honored. Please allow four to six weeks after the meeting for your refund.

Becoming a Fellow/Member

Surgeons, residents or medical students, or other allied health professional who has submitted a complete application for membership with their meeting registration will be allowed to attend the meeting at the Fellow/Member rate.

Fees

Meeting-related fees must be paid in US funds. Checks as well as Visa, Master Card, and American Express are acceptable forms of payment. Unless noted, all prices within this brochure are in US dollars.

Attire

Business casual attire is recommended in educational sessions and on-site social activities. Casual attire is appropriate for most off-site social events. The Closing Dinner is a Black-Tie Optional Event.

Registration Types

ICS or AANOS Fellow
Any member in good-standing of either the ICS or the AANOS.

Junior ICS Fellow

Any surgical resident or medical student who has received or applied for ICS Junior Fellow status.

ICS Allied Member

Any Physician Assistant or Nurse Practitioner who is or has applied for ICS Allied Member status.

Non-member

Any Surgeon attending the meeting who is not an ICS or AANOS Fellow.

Medical Students

Anyone currently enrolled in a medical school and has not begun residency training who is not an ICS Junior Fellow.

Resident

A surgical resident who is not an ICS Junior Fellow.

Allied Health Professional

Anyone working in allied fields such as PA's, NP's RN's etc. who is not an ICS Allied Member.

Language

The official language of this conference is English, and all sessions and events shall be conducted in English.

Registration Discount

As a reward for those who do book in our conference hotel we are providing a \$100 discount on the meeting registration fee. To access this discount reserve your hotel room at the Renaissance Providence Hotel prior to registering for the meeting then enter the confirmation number on the registration form online or the indicated location on the registration page. You must book your hotel room first, the discount will not be refunded to you if you book your room after registering.

If you have any questions please contact ICSUS Headquarters call 312-787-1662 or email mkearney@ficsonline.org.

If you prefer to register online visit WWW.FICSONLINE.ORG/REG20

Check here if you are an ICS Fellow AANOS Member MD DO RN PA NP Other: _____

Name _____

Address _____

City _____ State _____ Zip _____

Country _____

Phone _____ Fax _____

E-mail _____ Specialty _____

GENERAL REGISTRATION

Select a registration option below, every participant must register for the meeting.
Please note: All paid registrants automatically receive one lunch ticket on Friday and Saturday.

	UNTIL 3/30/20	AFTER 3/30/20
ICS or AANOS Fellow	\$750 <input type="checkbox"/>	\$850 <input type="checkbox"/>
Junior ICS Fellow	\$375 <input type="checkbox"/>	\$475 <input type="checkbox"/>
ICS Allied Member	\$375 <input type="checkbox"/>	\$475 <input type="checkbox"/>
Member Medical Students	\$375 <input type="checkbox"/>	\$475 <input type="checkbox"/>

	UNTIL 3/30/20	AFTER 3/30/20
Non-member	\$875 <input type="checkbox"/>	\$975 <input type="checkbox"/>
Non-Member Medical Students	\$425 <input type="checkbox"/>	\$525 <input type="checkbox"/>
Non-Member Resident	\$425 <input type="checkbox"/>	\$525 <input type="checkbox"/>
Non-Member Allied Health Professional	\$425 <input type="checkbox"/>	\$525 <input type="checkbox"/>

SUPPLEMENTAL REGISTRATION

This category is not appropriate for physicians who will attend educational sessions. All other individuals who are present at meeting events must register in this category. Including: Spouses, Domestic Partners and Relatives. Included in this registration are: Friday & Saturday Breakfasts, Coffee Breaks, and Lunches, non-ticketed Alliance Activities, and the Opening Reception.

Name _____

Name _____

Spouse/Partner/Guest Quantity ____ x \$250= \$ ____

SOCIAL EVENT TICKETS

Providence History Lecture (Thursday) Quantity ____

Closing Dinner Quantity ____ x \$150= \$ ____

SOCIAL EVENT TICKETS TOTAL \$ _____

**ENTER YOUR RENAISSANCE PROVIDENCE HOTEL
CONFIRMATION NUMBER**

_____ to deduct \$100 from the registration fee.

TOTAL DUE

General Registration Fee	\$ _____
Supplemental Registration Fee	\$ _____
Social Event Tickets	\$ _____
Renaissance Providence Hotel Reservation Discount	\$ _- _____
Amount Paid	\$ _____

Check Master Card Visa American Express

Make checks payable to the ICS-US

Card Number

_____/_____

Expiration. Date _____, 20_____

Cardholder Name _____

Signature _____

MAIL OR FAX THIS FORM WITH PAYMENT TO:

International College of Surgeons - US Section, 82nd Annual Surgical Update
1516 North Lake Shore Drive, Chicago, Illinois 60610
Fax (312) 787-9289



International College of Surgeons - United States Section
1516 North Lake Shore Drive
Chicago, Illinois 60610-1694

PROGRAM REGISTRATION

82ND ANNUAL SURGICAL UPDATE

**GLOBAL SURGERY
AND THE
BURDEN OF SURGICAL DISEASE**



PROVIDENCE RHODE ISLAND

April 30-May 2, 2020

