



**83rd Annual Surgical Update
April 28-30, 2022**

Providence, Rhode Island

SURGERY 2022: GLOBAL, RURAL AND URBAN EXPERIENCES

**Registration
Brochure**

Dear Colleagues,

It is my genuine pleasure to invite you to the 83rd Annual Surgical Update of the International College of Surgeons-United States Section (ICS-US), which will be held from April 28-30, 2022 at the Renaissance Downtown Hotel in Providence, Rhode Island. I truly hope you can join us for our 2022 US Section annual meeting, registration is now open.

I also extend a cordial invitation to the members of the American Academy of Neurological and Orthopaedic Surgeons who will be joining us for their 45th Annual Scientific Meeting. As the Past Chair of the Academy, I can attest to the important contributions this group has made to the overall success of the past gatherings of ICS-US. The collaboration between our groups has been amazing.

The CME portion of our program has been titled, Surgery 2022: Global, Rural and Urban Experiences. Click on the link below to review the preliminary Scientific Program. We will begin our program on Thursday afternoon, April 28th, with a session on Global Surgery that will also feature several special presentations by ICS Fellows as well as invited guests. Additional special lectures as well as specialty sessions will be included during our three-day educational activity to provide ample AMA Category 1 CME credit.

Providence is an historic city that will provide an abundance of social opportunities to all who attend our conference. To allow participants with ample time to do some sight-seeing I have replaced the typical live educational sessions on Friday afternoon with several virtual CME offerings. Total CME credit available is planned to actually be higher than prior annual meetings.

Not only is Providence home to the Warren Alpert Medical School of Brown University, but is also centrally located to numerous other Northeastern academic institutions. A number of faculty members from these institutions are scheduled to join us as invited speakers during our scientific sessions.

For this year's meeting we are once again limiting the amount of printed materials being produced and instead will distribute most of our meeting information digitally. To review the Registration Brochure, visit: www.ficsonline.org. We will also send e-mail messages with meeting related links included as new information becomes available. Be sure to watch your email for updates about meeting registration, hotel reservations and the scientific program.

Our meeting venue is conveniently located in downtown Providence with many restaurants and attractions only a short taxi or Uber/Lyft ride away. More information will be posted on FICS Online as we approach the meeting date, but if you don't want to wait visit the Providence Visitors Bureau at <https://www.goprovidence.com/>.

Please REGISTER today and watch your mail for updates. You should also visit our website regularly as this will be your primary source of information related to our conference. 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 charming metropolis. An abundance of activities, fine dining, entertainment as well as top notch education will all be part of the ICSUS 83rd Annual Surgical Update in Providence this April.

I hope to see you there!

A handwritten signature in black ink, appearing to read 'M. N. Perlmutter', written in a cursive style.

Mark N. Perlmutter, MD, MS, FICS, FAANOS
2022 President, United States Section
International College of Surgeons

SCIENTIFIC PROGRAM PLANNING COMMITTEE

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Mark Perlmutter, MD, MS * + ^
Orthopaedic Surgery, Rocky Mount, NC

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Steven E. Brooks, MD +
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General Surgery, Worcester, MA

Rifat Latifi, MD + ^
General Surgery, Hawthorne, NY

Mayur Narayan, MD ^
Trauma Surgery, New York, NY

Sharique Nazir, MD * + ^
General Surgery, Brooklyn, NY

Nehzat Nikakhtar, MD
Plastic Surgery, Palos Verdes Estates, CA

Marco A. Pelosi III, MD +
Obstetrics & Gynecology, Bayonne, NJ

Nehzat Nikakhtar, MD +
Plastic Surgery, Palos Verdes Estates, CA

Arno A. Roscher, MD
Pathology, Los Angeles, CA

Tracy Sambo, MD + ^
General Surgery, Chanute, KS

Joon Shim, MD +
General Surgery, Cooperstown, NY

M. Hosein Shokouh-Amiri, MD +
Transplantation Surgery, Shreveport, LA

Thav Thambi-Pillai, MD * + ^
Transplant Surgery, Sioux Falls, SD

Jacob Varon, MD ^
Plastic Surgery, Belaire, TX

Sivamainthan Vithiananthan, MD * + ^
General Surgery, Providence, RI

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

Lucia Zamorano, MD + ^
Neurological Surgery, Birmingham, MI

* Executive Committee Member
+ CME Committee Member
^ Scientific Organizing Committee

INTERNATIONAL COLLEGE OF SURGEONS HONORARY FELLOW RECIPIENT

Michel Gagner, MD



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.

DR. ANDRE CROTTI AWARD
FOR DISTINGUISHED SERVICE TO THE PROFESSION OF SURGERY RECIPIENT

Matthew Cooper, MD



Matthew Cooper is a Professor of Surgery at Georgetown School of Medicine, and Director of Kidney and Pancreas Transplantation and Director for Quality at the Medstar Georgetown Transplant Institute (MGTI).

After receiving his medical degree from the Georgetown University School of Medicine in 1994, Dr Cooper completed his general surgery training at the Medical College of Wisconsin followed by a fellowship in multi-organ abdominal transplantation in 2002 at the Johns Hopkins Hospital in Baltimore, MD. He

joined the transplant faculty at the Johns Hopkins Hospital upon completion of his training and was appointed Surgical Director of Kidney Transplantation and Clinical Research in 2003. Dr. Cooper joined the University of Maryland in 2005 directing the kidney transplant and clinical research program until 2012 following which he assumed his current role in Washington, DC.

Dr. Cooper seeks new opportunities for living donation through innovation and by removing the disincentives for those considering donation while promoting the safety and long-term care of live organ donors. His clinical interests included kidney and pancreas transplantation; particularly the use of marginal organs and has chaired both an NKF sponsored Task Force to decrease kidney allograft discards and a UNOS-sponsored System Performance Improvement Committee which have led to several exciting projects to potentially bring more patients an opportunity for transplantation. Dr. Cooper is involved in several ongoing clinical research projects primarily with an interest in immunosuppression minimization and amelioration of delayed graft function in kidney allografts following ischemic reperfusion injury. He has authored over 220 peer-reviewed manuscripts, 300 abstracts and 12 book chapters. He is regularly invited to speak on a variety of transplant-related topics both nationally and internationally.

Dr. Cooper is involved in transplantation activities both locally and on a national basis. He is the current UNOS/OPTN President. He is a member of the National and DC Board of Directors for the NKF and a member of the NKF's National Transplant Task Force. He has served as the chairman of the United Network of Organ Sharing (UNOS) Living Donor Committee and recently acted as the Councillor for UNOS' Region 2. He is a current councillor for the American Society of Transplant Surgeons. He is a current board member for the National Kidney Registry, the American Foundation for Donation and Transplantation, the International Pancreas and Islet Cell Transplant Association, and Donate Life America. Dr. Cooper has served as Chair of the American Transplant Congress.

Scientific Program as of January 25, 2022 (subject to change – speakers listed in alphabetical order)

OPENING SESSION: GLOBAL SURGERY 2022 AND FEATURED LECTURES Thursday, 4/28/2022, 3pm-6pm

The first session of the conference will feature several special lectures including: The Dr. Andre Crotti Lecture, where you will learn about how Kidney Paired Donation (KPD) has been revolutionary in providing living donor opportunities to recipients; as well as a special lecture by the recipient of an ICS Honorary Fellowship during which the audience will learn about a new technology, Magnetic Surgery. The former ICS World President will provide a lecture that will help the audience understand the various elements of leadership, including personal experiences of examples of things to do and not to do.

The audience will also hear from various speakers on topics related to Global Surgery and humanitarian activities. Included will be informative lectures about endeavors of not only ICS members, but others in various parts of the world. A presentation from a relatively new group about the role of students and trainees in global surgery will also be included. Participants will gain a better understanding of the topics presented and be able to determine whether additional investigation is needed.

Quality of Life of Patients After Colorectal Cancer Surgery in Soba University Hospital, Sudan.

Mohammed Adam, MBBS, MHPE, Teaching assistant, University of Khartoum - Khartoum, Sudan

WSF Honduras is now a Reality. It took 20 years but it is worth the effort!

Domingo T. Alvear, MD, FICS, Chairman, World Surgical Foundation - Mechanicsburg, PA

Pediatric Injuries During Wartime Require Efforts to Support Pediatric Surgical Trainings

Kathryn Campos, B.A, MSc, Independent/Academic Student Researcher University of Washington School of Medicine, Dept. of Surgery and Harborview Injury Prevention Program - Seattle, WA

Crotti Lecture: The Global Evolution of Kidney Paired Donation for Patients with ESRD

Matthew Cooper, MD, Professor of Surgery, Georgetown University School of Medicine; Director, Kidney and Pancreas Transplantation; Director, Transplant Quality, Medstar Georgetown Transplant Institute - Washington, DC

Evolution of Pediatric Surgery in Rwanda and the Options for Integration with High Income Countries

Michael Curci, MD, Pediatric Surgeon - Cumberland, ME

Honorary Fellow Lecture: Magnetic Surgery: Is It Ready for Prime Time?

Michel Gagner, MD, FICS, Chief of Surgery, Westmount Square Surgical Center, Westmount Senior Consultant, Hopital du Sacre Coeur, Montreal - Westmount, QC, CANADA

InciSioN; The Future of The Operating Room

Katayoun Madani, MS, MD, FICS(JR.), Global Surgery Fellow, Sadanah Trauma and Surgical Initiative, Chicago - Paradise Valley, AZ

Striving for Equity in Global Surgery: the Role of the Needs Assessment

Erin Scott, MD, FICS(JR.), Global Surgery Research Fellow, General Surgery Resident, University of Massachusetts Chan Medical School - Worcester, MA

Leadership in Surgery: Lessons Learnt (and still learning)

Georgios Tsoulfas, MD, PhD, FICS, Professor of Transplantation Surgery, Chief Department of Transplantation Surgery, Aristotle University School of Medicine - Thessaloniki, Greece

AANOS ANNUAL SCIENTIFIC MEETING NEUROLOGICAL AND ORTHOPAEDIC SURGERY PART 1 Friday, 4/29/2022, 8am-9:45am

The United States Section of ICS (ICSUS) is proud to continue its long standing relationship with the American Academy of Neurological and Orthopaedic Surgeons (the Academy). As such, the Academy has designated the ICSUS Annual Surgical Update as its Annual Scientific Meeting. Working closely with the members of the Academy to determine professional practice gaps and educational need, ICSUS planners representing these two major surgical specialties are developing two days of programming. Participants in this first session will receive valuable updates on the diagnosis and most advanced treatment options for a variety of Neurosurgical and Orthopaedic conditions. Learners will have a better understanding about the latest treatment options for Lumbar Central Stenosis, Fractures of the Scaphoid, Thoracolumbar Burst/Compression Fractures, as well as Knee and Hip issues. An update on new research related to the treatment of Alzheimer's Disease will also be provided.

Learners in this session will obtain information to appropriately determine whether further more advanced educational initiatives are required in order to effectively implement the provided information into practice.

Management of Thoracolumbar Burst/Compression Fractures

Craig Clark, MD, PhD, FICS, FAANOS, Neurosurgeon, Greenwood Leflore Hospital - Greenwood, MS

Knee and Hip Tips and Tricks

Matthew E. Deren, MD, Assistant Professor, Department of Orthopedics and Rehabilitation, University of Massachusetts Medical School, UMass Memorial Medical Center - Worcester, MA

Fractures of the Scaphoid. Case Study and Review of Treatment Options

Sudhir Rao, MD, Orthopaedic Surgeon, Big Rapids Orthopaedics PC - Big Rapids, MI

Autologous Adipose Tissue-Derived Stem Cells Improved Cognitive Function in Alzheimer's Disease

Hisakazu Yamagishi, MD, PhD, FICS, Professor, Kyoto Prefectural University of Medicine - Kyoto, Japan

Minimally Invasive Decompressive Surgery for Lumbar Central Stenosis

Lucia Zamorano, MD, FICS, FAANOS, Chair, American Academy of Neurological and Orthopaedic Surgeons, Clinical Professor of Neurosurgery, Oakland University William Beaumont School of Medicine, Birmingham, MI



Scientific Program as of January 25, 2022 (subject to change – speakers listed in alphabetical order)

TRANSPLANTATION SURGERY: GLOBAL PERSPECTIVES

Friday, 4/29/2022, 8am-9:45am

Participants in this session will be provided with intensive instruction on several essential elements in transplant surgery such as; Transplant Oncology, Abdominal Transplant Surgery Fellowships, Donation After Circulatory Death and Technology in Transplantation. Upon completion of the course, surgeons of all specialties will have a better more comprehensive understanding of the various topics related to transplant surgery presented during the symposium.

Abdominal Transplant Surgery Fellowship: A pot-pourri of domestic and international trainees

Megan Adams, MD, FICS, Assistant Professor of Surgery, University of Colorado Hospital - Aurora, CO

Transplant Oncology: An Evolving International Field

Kristopher Croome, MD, MS, Professor of Surgery, Mayo Clinic Florida - Jacksonville, FL

Donation After Circulatory Death: The International Transplant Community Leaving the USA Behind

Trevor Nydam, MD, FICS, Associate Professor of Surgery, University of Colorado School of Medicine, Aurora, CO

Is Xenotransplantation the Future of Organ Transplantation?

Reza Saidi, MD, FICS, SUNY Upstate Medical University, Manlius, NY

The Role of Technology in Transplantation Surgery

Georgios Tsoulfas, MD, PhD, FICS, Professor of Transplantation Surgery, Chief Department of Transplantation Surgery, Aristotle University School of Medicine - Thessaloniki, Greece



ADVANCES IN NEUROLOGICAL AND ORTHOPAEDIC SURGERY

Friday, 4/29/2022, 10am-12pm

In this special joint session, the members of the AANOS will join their colleagues from ICS to learn about several extremely interesting developments in Neurological and Orthopaedic Surgery. Learners will receive information about the latest in Total Hip Replacement, Cubital Tunnel Release, Endoscopic Spine Surgery and, Computerized Surgeon Assessment.

Upon completion of this session specialists in the topics covered will be able to determine whether the treatment options presented should be considered for certain situations. Learners who do not practice Neurological or Orthopaedic Surgery will be able to more effectively make referrals for their patients who may require management of the maladies covered.

Outpatient Anterior Total Hip Replacement

Eric Cohen, MD, Assistant Professor of Orthopedic Surgery, Brown University – East Providence, RI

Endoscopic Cubital Tunnel Release

Manuel DaSilva, MD, Orthopedic Surgeon, University Orthopedics – Providence, RI

Better, Stronger, Faster: Intraoperative Methodological Computerized Surgeon Assessment

Saikiran Murthy, DO, MA, FICS, Assistant Professor of Neurosurgery and Orthopedics, Albert Einstein College of Medicine, Montefiore Medical Center – Bronx, NY

Cubital Tunnel Syndrome- Historical and Current Management Trends

Mark N. Perlmutter, MD, MS, FICS, FAANOS, Orthopaedic Surgeon; President, United States Section of the International College of Surgeons – Rocky Mount, NC

Advances in Endoscopic Spine Surgery

Albert Telfeian, MD, PhD, Professor and Vice Chair Quality Assurance, Department of Neurosurgery; Director, Center for Minimally Invasive Endoscopic Spine Surgery, Warren Alpert School of Medicine, Brown University – Providence, RI

HONORS LUNCHEON

Friday, 4/29/2022, 1pm-1:30pm

Physician Financial Wellness: Understanding How Financial Advisors Work & Conflicts to Avoid

Andrew Taylor, CFP, Wealth Advisor, OJM Group, LLC; Member Financial Planning Association – Cincinnati, OH

Scientific Program as of January 25, 2022 (subject to change – speakers listed in alphabetical order)

AANOS ANNUAL SCIENTIFIC MEETING NEUROLOGICAL AND ORTHOPAEDIC SURGERY PART 2

Saturday, 4/30/2022, 8am-12pm

Participants in this second session will receive updates on the diagnosis and treatment options for a variety of Neurosurgical and Orthopaedic maladies. Learners will be informed about and have the ability to discuss the following with the presenters: sarcopenia; high strength suture materials; the American Board of Neurological and Neurosurgical Critical Care; sagittal malalignment; pilocytic astrocytoma; sub-axial cervical facet subluxation; intracerebral injury and minimally invasive TLIF.

Sarcopenia and Low Back Pain.

Amit Bhandarkar, MD, Orthopedic Spine and Pain Surgeon SSM Health Centralia IL. - Wildwood, MO

High Strength Suture Materials in Orthopedic Practice

Naga Cheppalli, MD, FICS, Assistant Professor of Orthopedic Surgery, University of New Mexico - Albuquerque, NM

An Introduction to the American Board of Neurological and Neurosurgical Critical Care

Craig Clark, MD, PhD, FICS, FAANOS, Neurosurgeon, Greenwood Leflore Hospital - Greenwood, MS

Correction of Sagittal Malalignment with L5 Pedicle Subtraction Osteotomy: A Cadaveric Study

Muhammad Janjua, MD, FICS, Clinical Assistant Professor of Neurosurgery - Poplar Grove, IL

Juvenile Pilocytic Astrocytoma of Brain stem

Muhammad Janjua, MD, FICS, Assistant Professor University of Illinois Chicago - Poplar Grove, IL

Management of Traumatic Sub-axial Cervical Facet Subluxation - Techniques and Approaches

Gazanfar Rahmathulla, (MBBS) MD, MBA, Assistant Professor of Neurosurgery, Medical Director of Neurosurgical Trauma, University of Florida College of Medicine, Jacksonville, Florida - Ponte Vedra Beach, FL

The Role of Neuropeptide Agents in Intracerebral Injury Following Traumatic Brain Injury

Francis Samonte, MD PhD, Senior Research Associate, National Institute of Health - San Diego, CA

Minimally Invasive TLIF as Outpatient Procedure

Lucia Zamorano, MD, FICS, FAANOS, Chair, American Academy of Neurological and Orthopaedic Surgeons, Clinical Professor of Neurosurgery, Oakland University William Beaumont School of Medicine, Birmingham, MI

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RURAL SURGERY: A GLOBAL VIEW

Saturday, 4/30/2022, 8am-9:45am

Practicing surgery in a rural community is very different from being a surgeon in a big city. Large hospitals have not only more resources, but greater capacity than smaller community hospitals, which must alter how they manage unexpected increases in case load or patients.

During this session, you will hear from speakers who have experienced the challenges, as well as the rewards of being a rural surgeon. Those interested in a career in rural surgery will have a better understanding of what the requirements, are as well as the opportunities available. If you are not currently contemplating a career in rural surgery this session may aid in your decision making process.

Surely the appendicitis did not go away! Acute appendicitis during the Covid lockdown. A rural hospital perspective and discussion of comparable effects in Europe and Asia.

Saptarshi Biswas, MD, FICS, Attending Surgeon, Department of General Surgery, Trauma and Surgical Critical care, Associate Program Director, General Surgery Residency, Grand Strand Medical Center - Myrtle Beach, SC

Do surgically austere environments really exist?

Faran Bokhari, MD, Professor of Surgery at Rush University Medical School; Chairman of Trauma Surgery, Cook County Hospital - Chicago, IL

The Value of Global surgery and Rural surgery training in Urban Academic Centers

Edie Chan, MD, Associate Professor of Surgery Rush University Medical Center, Chicago, IL

Breast Cancer Surgery and Breast Cancer Care in Resource Poor Areas

Mehra Golshan, MD MBA, Professor of Surgery (Oncology), Yale School of Medicine; Executive Vice Chair Department of Surgery, Deputy Chief Medical Officer, Yale Cancer Center - Southport, CT

Surgical Philanthropy - How to Operate

Ravi Kuthru, MD, Residency Program Director, Chief, Division of Thoracic Surgery, Associate Chairman Department of Surgery; The Brookdale University Hospital and Medical Center - Brooklyn, NY



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GENERAL PLENARY SESSION

Saturday, 4/30/2022, 10am-11am

ICSUS CME programs are rich in diversity and represent many surgical specialties. This multidisciplinary educational session seeks to provide content that improves the learner's overall 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 short session developed from abstract submissions of ICS Fellows and others, presentations will cover the following topics: abdominal wall hernias, treatments for liver cancer, and central venous occlusion.

Management of Abdominal Wall Hernias

Anthony N. Dardano, DO, FICS, Chief of Plastic Surgery Trauma, Associate Professor of Surgery, Florida Atlantic University – Boca Raton, FL

Emerging Personalized Treatments for Liver Cancer

Tobias Raabe, PhD, Research Assistant Professor, Director, Translational Medicine Laboratory University of Pennsylvania – Philadelphia, PA

Central Venous Occlusion's Impact on Patients on Hemodialysis

Ehab Sorial, MD, FICS, Associate Professor of Surgery at the The Stanford University – Los Gatos, CA

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Saturday, 4/30/2022, 1:30pm-4pm

The latest on Trauma and Critical Care Surgery will be presented in this annual forum, along with a variety of unique cases and how they were handled. The audience will be made aware of what can be encountered in critical care situations and will have a better understanding of what to do if they come across similar cases. Featured will be topics on geriatric trauma, COVID 19 issues, blast injury, injury related to intoxication and care in a tertiary care hospital.

Trauma Care in a Tertiary Care Hospital in India

Ahmad Abdul Hai, MS, FRCS, FICS, FIAMS, FAIS, Former Professor and HoD Surgery, Patna Medical College, Patna Bihar, India; Presently Director General Surgery, Paras HMRI Hospital, Patna, Bihar, India

Trauma Care During The COVID 19 Pandemic

Robert Davis, MD, Director of Trauma/ Surgical Critical Care, Harlem Hospital Center - NY, NY

Thoracic Trauma

Loren Harris, MD, Clinical Associate Professor of Surgery, SUNY Downstate College of Medicine - Staten Island, NY

Mechanism of Injury in Intoxicated Trauma Patients by Sex and Age Over Time

Anthony Kopatsis, MD, Senior Surgical Staff, ICAHN School of Medicine at Mount Sinai/Elmhurst - New York, NY

Blast Injury

LTC Robert Madlinger, DO, MPH, FICS, Chief of Trauma, Acute and Surgical Critical Care, Mohawk Valley Health System, Utica, NY; Commander 1st Forward Resuscitative Surgicalteam USAR USARC, Washington, NJ

What's Old is New: Geriatric Trauma in 2021

Leslie Tyrie, MD, Trauma Medical Director, Division Chief, Acute Care Surgery, Clinical Assistant Professor of Surgery, NYU Grossman School of Medicine, NYU Langone Hospital - Brooklyn, NY

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ANNUAL RESEARCH SCHOLARSHIP COMPETITION

Saturday, 4/30/2022, 4pm-5:30pm

Surgical Residents and Medical Students will participate in this annual contest. Submissions will initially be judged by the Scholarship Committee. Qualifying candidates will then make an oral presentation during the Annual Surgical Update. Oral presentations will also be judged by a special panel during the meeting in Providence. Scores will be combined to determine the winners of various prizes (including a monetary grand prize). Attendees will be presented with fascinating information by some of the brightest young minds in medicine.

Outcomes and their State-Level Variation in Patients Undergoing Surgery with Perioperative SARS-CoV-2 Infection in the USA: A Prospective Multicenter Study

Osaid Alser, MD, MSc(Oxon), FICS(JR.), General Surgery Resident, Texas Tech University Health Sciences Center, Lubbock, TX - LUBBOCK, Texas

Chlorhexidine Gluconate Wound Irrigation and Surgical Site Infections in Renal Transplant Patient

Michael Burt, MD, General Surgery Resident, University of South Dakota - Sioux Falls, SD

Abdominal Perforation as a Complication of Tocilizumab use in COVID-19 positive patients

Maaria Chaudhry, B.S., M1, Saint Louis University - New Castle, DE

A SIR Mathematical Model of Previous COVID-19 Strains to Analyze Delta Variant Spread

Alexandra Close, Student, University of Maryland, College Park - Olney, Maryland

Outcomes and Efficacy of MRI-compatible Sacral Nerve Stimulator for Management of Fecal Incontinence

Binit Katuwal, MD, Surgery Resident, Providence Hospital, Southfield, Michigan - Royal Oak, Michigan

Mortality Risk Factors in Patients Admitted with Tracheostomy Complications

Lior Levy, BA, FICS(JR.), New York Medical College, Valhalla, NY - Valhalla, NY

Mortality in GI Adhesions with Obstruction: A 10-year Study of 115,012 Patients

Akash Thaker, MS, Medical Student, New York Medical College - Valhalla, NY



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In order to allow meeting attendees time to explore our host city, Friday afternoon will not include any live lectures. Instead, several Virtual Programs are available through the conference meeting library and can be accessed at any time. Those sessions currently include the following:

CONTEMPORARY ISSUES IN SURGICAL ONCOLOGY (VIRTUAL SESSION)

The field of surgical oncology is constantly changing with new therapeutic strategies being introduced rapidly. Additionally, with the identification of new genetic mutations, diagnostic strategies also have evolved. As such, surgeons who care for oncology patients need ongoing education to remain contemporaneous in the field.

Participants in this session will learn various current diagnostic and therapeutic strategies to care for oncology patients. Areas covered will include melanoma, breast cancer, pancreatic cancer and thyroid cancer. Upon completion of the session participants will have increased their knowledge of contemporary oncologic diagnostic and therapeutic strategies.

Surgical Update - Pancreatic Cancer

Michael Jacobs, MD, FICS, Clinical Professor of Surgery, Ascension Providence Michigan State University CHM - Bloomfield Hills, MI

Surgical Management of Melanoma in the Era of Effective Systemic Therapies

Joshua Mammen, MD PHD, FICS, Professor of Surgery, University of Nebraska - Omaha, NE

Breast Cancer Update

Colleen Murphy, MD, FICS, Assistant Professor of Surgery, University of Colorado School of Medicine, Denver, CO

Contemporary Management of Well-Differentiated Thyroid Cancer

Jessica Shank, MD, Assistant Professor, Division of Surgical Oncology, Department of General Surgery, University of Nebraska Medical Center - Omaha, NE



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VASCULAR SURGERY 2022 (VIRTUAL SESSION)

Axillosubclavian artery trauma and endovascular experience in San Juan

Fernando Joglar, MD, Associate Professor of Surgery, University of Puerto Rico School of Medicine, San Juan, PR

New trends on Acute Aortic Dissection

William Shutze, MD, Vascular Surgeon, Plano, TX

Up-to-date approach to lower extremity wounds management

Ehab Sorial, MD, FICS, Associate Professor of Surgery, Stanford University, Los Gatos, CA



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In order to allow meeting attendees time to explore our host city, Friday afternoon will not include any live lectures. Instead, several Virtual Programs are available through the conference meeting library and can be accessed at any time. Those sessions currently include the following:

PANEL DISCUSSION – ORTHOPAEDIC DEVICES: INEQUITIES, CHALLENGES AND OPPORTUNITIES (VIRTUAL SESSION)

There is a crisis of affordability and availability of orthopaedic implants for managing musculoskeletal trauma in LMICs resulting in serious morbidity, loss of income and financial catastrophe for patients. HICs also face challenges to reduce spiraling costs to patients. Multiple workarounds/practices are employed by patients and surgeons; some of which are dangerous and desperate. This panel discusses the current solutions to these problems, their pros and cons, ethics, and legislation. These discussions will be contrasted between HICs and LMICs. Also discussed will be proposed new solutions that will cohesively involve multiple stakeholders such as legislators, manufacturers and surgeons.

Moderators:

Kiran Agarwal-Harding, MD, MPH Harvard Global Orthopaedics Collaborative, Boston, MA, New York, NY

Sayed Shah, MBChB, Associate; Warshow, Sheikh and Associates, Aga Khan University Hospital, Nairobi

Presentors:

Linda Chokotho, MBBS, MPH, PhD, Orthopaedic Surgeon, Malawi University of Science and Technology, Blantyre, Malawi

Girish Gangan, MS (Ind Engg), BE (Prod Engg), Chief Operating Officer, Uma Surgicals, Mumbai, India

Chris Lavy, FRCS, Professor of Orthopaedic and Tropical Surgery, NDORMS, University of Oxford, Oxford, UK

Emmanuel Makasa, MD, Adjunct Professor of Global Surgery & Founding Director SADC -Wits Regional Collaboration Centre for Surgical Healthcare Department of Surgery, School of Clinical Medicine; Faculty of Health Sciences, University of the Witwatersrand, Johannesburg, South Africa

Claude Martin, MD, MBA, MEd, Managing Director, AO Alliance Foundation, Thalwil, Switzerland

Irene Yang, BEng, BMedSci (Hons I), DPhil; Oxford Orthopaedic Engineering Centre, Oxford University, Oxford, UK

Lewis Zirkle, MD, Founder and President, SIGN Fracture Care International – Richland, WA

Scientific Program as of January 25, 2022 (subject to change – speakers listed in alphabetical order)

In order to allow meeting attendees time to explore our host city, Friday afternoon will not include any live lectures. Instead, several Virtual Programs are available through the conference meeting library and can be accessed at any time. Those sessions currently include the following:

INTERNATIONAL SCHOLARSHIP COMPETITION (VIRTUAL SESSION)

Residents and Medical Students training outside of the United States will participate in this new competition. A wide variety of topics will be covered that will highlight various aspects of surgery that are not necessarily common here in America. Participants are training in locations such as India, Sierra Leone and Grenada.

Topics presented will include discussions about COVID, diversity, breast cancer, surgical documentation and intestinal ischemia.

Intestinal Ischemia and COVID-19

Darshan B M, MBBS, Junior Resident, Vijayanagara Institute of Medical Sciences, India

COVID-19 Vaccine Acceptance Among Clinical Year Students at the College of Medicine and Allied Health Sciences, University of Sierra Leone.

Abdul Karim Bah, Medical Student, College of Medicine And Allied Health Sciences, University of Sierra Leone, Freetown, Sierra Leone

Reasons for delay in presentation of breast cancer patients at a tertiary hospital in Sierra Leone

Ahmeda Kalla-Kalokoh, Medical Student, Freetown, Sierra Leone

Underneath These White Coats: A Promotion of Diversity Awareness Amongst Medical Students

Quentin Olivacce, Incision Director of Diversity and Inclusion, St. Georges University, Grenada

A Closed-loop Clinical Audit on Surgical Documentation at a Tertiary Level Hospital in India: Where Do We Stand?

Akatya Vidushi Sinha, Final year, MBBS Student, MGM Medical College & Hospital, Navi Mumbai, India



CME ACCREDITATION INFORMATION

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 pre-

senting 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 22.75 AMA PRA Category 1 Credits. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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.

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.

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, 2022. Refunds will be issued, minus a \$75 processing fee, upon receipt of written notification via fax or mail. Verbal or written cancellations after April 20, will not be honored. Please allow four to six weeks after the meeting for your refund.

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.

E-mail _____ Specialty _____

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 3/28/22	After 3/28/22		Until 3/28/22	After 3/28/22
ICS or AANOS Fellow	\$750 <input type="checkbox"/>	\$850 <input type="checkbox"/>	Non-member	\$875 <input type="checkbox"/>	\$975 <input type="checkbox"/>
Junior ICS Fellow	\$375 <input type="checkbox"/>	\$475 <input type="checkbox"/>	Non-Member Medical Students	\$425 <input type="checkbox"/>	\$525 <input type="checkbox"/>
ICS Allied Member	\$375 <input type="checkbox"/>	\$475 <input type="checkbox"/>	Non-Member Resident	\$425 <input type="checkbox"/>	\$525 <input type="checkbox"/>
Member Medical Students	\$375 <input type="checkbox"/>	\$475 <input type="checkbox"/>	Non-Member Allied Health Professional	\$425 <input type="checkbox"/>	\$525 <input type="checkbox"/>

☐ I will need **Quantity** Vegetarian Meal(s) at the dinner.

Make checks payable to the ICS-US

Signature _____

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