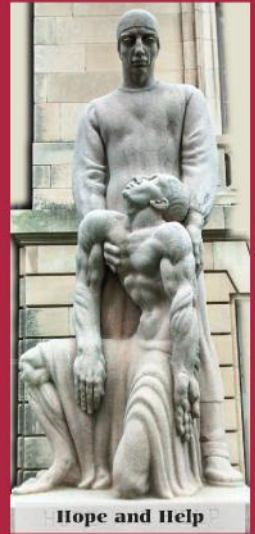


COMPLEX SURGERY IN A MINIMALLY INVASIVE ERA



78TH ANNUAL
SURGICAL UPDATE

REGISTRATION BROCHURE

SOMERSET INN ☞ TROY, MI

JUNE 16-18, 2016

78th Annual Surgical Update

COMPLEX SURGERY IN A MINIMALLY INVASIVE ERA

Dear Colleague,

It is with great pleasure that I invite you to the 78th Annual Surgical Update of the International College of Surgeons-United States Section. Our conference will be held from June 16 to 18 at the Somerset Inn located in Troy, Michigan. I also extend a warm welcome and invitation to the members of the American Academy of Neurological and Orthopaedic Surgeons who will once again be joining us for their 40th Annual Scientific Meeting.

Faculty from high quality health care institutions such as the University of Michigan, Wayne State University, the Beaumont Health System and the St. John Providence Health System will provide a tremendous learning experience for participants. The topics covered will focus on Complex Surgery in a Minimally Invasive Era and explore how minimally invasive surgical (MIS) procedures can be utilized in complex surgeries and in many cases provide better outcomes. In addition, participants will learn how to decide if and when MIS approaches for a variety of clinical health issues are appropriate.

This activity will provide unique continuing education for the general surgeon and surgical specialist as well as present both multidisciplinary and specialty specific educational opportunities. As you can see on the following pages, we are planning a high quality program, which will begin with a special keynote lecture on Thursday by Dr. Mark Orringer, Professor of Thoracic Surgery at the University of Michigan. We also welcome Dr. Jonathan Epstein from the Perelman School of Medicine at the University of Pennsylvania on Friday who will present the Dr. Arno Roscher Endowed Lecture. I am extremely delighted that Dr. Michael Sarr from the Mayo Clinic in Minnesota has also agreed to participate and will present the Dr. Andre Crotti Lecture on Saturday.

Other distinguished faculty members have also agreed to participate. You may note that speakers are more geographically diverse this year than in the past. They hail from not only the United States and the Troy area, but countries like Germany, the Czech Republic, Serbia, Saudi Arabia, Hong Kong and Australia from where our ICS World President, Professor Yik-Hong Ho, will travel to be with us and participate in our Global Surgery session on Saturday afternoon.

I encourage you to review the program in the pages that follow and note that we have streamlined the information published in this brochure to continue our previously stated efforts to reduce our carbon footprint by utilizing electronic publishing through our website, www.FICSONline.org. Speaker affiliations and select biographies are available online for review and I encourage you to visit our website often for updates about the program as well as to register for the meeting.

The Troy area will provide a perfect opportunity for sightseeing, dining, entertainment and of course education. I invite you to be part of the ICSUS 78th Annual Surgical Update in Troy this June.

Plan to join us!

Sincerely,



Michael J. Jacobs, MD, FICS
United States Section President

CME ACCREDITATION INFORMATION

COURSE SPONSOR

International College of Surgeons
United States Section
An ACCME Accredited Provider

President

Michael J. Jacobs, MD, Birmingham, MI

Chair, Council of Specialty Groups

Domingo Alvear, MD, Harrisburg, PA

CME Committee Chair

Chand Ramaiah, MD, Nashville, TN

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.

Nursing CE Statement

St. John Providence(SJP) (OH-287, 7/1/2018) is an approved provider of continuing nursing education by the Ohio Nurses Association (OBN-001-91), an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. SJP will apply to have qualifying presentations during this program approved for Nursing CE. Please review the ICS-US website for more details on this topic.

2016 Planning Committee

President

Michael J. Jacobs, MD **
Surgical Oncology
Birmingham, MI

CME Committee Chair

Chand Ramaiah, MD **
Thoracic Surgery
Nashville, TN

Chair Council of Specialty Groups

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Lubbock, TX

Marco A. Pelosi III, MD +

Obstetrics & Gynecology
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Maxime J.M. Coles, MD +

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Providence, RI

Sharmila Dissanaik, MD

Trauma Surgery
Lubbock, TX

Dixon Santana, MD

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Lubbock, TX

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Anesthesiology
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Birmingham, MI

Demetrius E.M. Litwin, MD **

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***Executive Committee Member
+ CME Committee Member**

PLANNING YOUR TRIP TO TROY, MI

SOMERSET INN

2601 West Big Beaver Road
Troy, MI 48084

Single/Double Rate

Tower Room \$129
Executive Wing \$154

For reservations contact the Hotel
1-800-228-8679 or 248-643-7800,
Be sure to mention ICS.

Enjoy one of the Somerset Inn's 250 comfortable, boutique-style guestrooms or suites, dining in Crumpets Restaurant, or take in the whimsical décor in the Bar and Grille. Relax at the Somerset Inn while enjoying exemplary customer service. You will find everything you need is within reach including world class shopping, a wide range of dining choices, a par 30 golf course, an executive fitness room, a functional business center, and proximity to many of Metropolitan Detroit's businesses.

The Somerset Collection is adjacent to the hotel and features Neiman Marcus, Saks Fifth Avenue, Nordstrom, Macy's, and Tiffany along with many other distinctive stores and magnificent restaurants.

Exclusive to Somerset Inn is a gorgeous outdoor Garden Patio with beautiful flower beds, luscious arbors, decorative brick pavers and a stunning portico. A splendid spot to relax and soak in the beauty of the surroundings.

Parking at the Somerset Inn:

There is ample free self parking at the Somerset Inn.

HOW TO GET THERE

Guests have two airport choices when making their travel plans; the Detroit Metropolitan Airport (roughly 30 miles from the hotel) and Bishop International Airport, Flint MI (roughly 46 miles from the hotel). Because of traffic congestion in & around Detroit the extra miles from Flint may not be a factor depending on the time of day when you arrive.

GROUND TRANSPORTATION

As the "Motor City" taxis are not very prevalent in the Detroit/Troy area. You should consider renting a car for your stay in Troy. Thus far we have negotiated a discounted group rate with **Hertz**. Call 1-800-654-2240. To reserve special meeting rates, please include convention code **CV051K0001** when making reservations.

Or, take advantage of our hotel's agreement with **Metrocars** to provide Airport transportation from Detroit Airport. Call 1-800-456-1701. The rate from the Detroit airport is \$75.00 + \$15.00 gratuity or \$90.00 one way. Be sure to mention the group code: **SOMICS** when booking the reservation to ensure you get the Somerset rate.

Visit **www.ficsonline.org** and click on the meeting brochure picture to get links to book your arrangements online.

ICS-US SECTION, 78TH ANNUAL SURGICAL UPDATE

Troy, Michigan
Meeting-at-a-Glance

REMINDER

The annual meeting will be shorter in 2016.

ICSUS BUSINESS MEETINGS will be conducted on Thursday, June 16th beginning at 8am and concluding at 3pm.

The **AANOS BOARD OF DIRECTORS MEETING** will be held Friday at 4pm.

SCIENTIFIC PROGRAM

Thursday, June 16, 2016 3:30pm – 6:30 pm

Opening Ceremony & President's Plenary Session

Keynote Lecture

Scholarship Competition

Resident Education

Friday, June 17, 2016 8:00am – 6:00 pm

Neurological & Orthopaedic Surgery Presentations

AANOS 40th Annual Scientific Meeting (Session 1)

ICS Surgical Forum – Plenary Session

Honors Luncheon

The Dr. Arno Roscher Endowed Lecture

Practice Management

ICS Surgical Forum - Specialty Presentations

Saturday, June 18, 2016 8:00am – 6:00 pm

Neurological & Orthopaedic Surgery Presentations

AANOS 40th Annual Scientific Meeting (Session 2)

HPB Symposium - Plenary Session

Lunch Presentation - The Dr. Andre Crotti Lecture

Specialty Presentations - Trauma and Acute Care Surgery

HPB Symposium - Supplementary Session

Annual Ethics Forum

Global Surgery

DON'T FORGET TO BRING YOUR IPAD!

In an effort to utilize electronic methods of communication at our 2016 Annual Surgical Update in Troy we will be conducting an experiment and limit the printed pages that are produced and circulated to attendees. To make sure that everyone who plans to attend the meeting in June prepares appropriately please

consider making a note in your calendar to bring your iPad or tablet. Many aspects of the typical printed program will only be available digitally and we don't want you to miss out on important content like abstracts, which take up a considerable amount of space in the printed program.

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Thursday

June 16, 2016

OPENING CEREMONY & PRESIDENT'S PLENARY SESSION

Welcome and Introductions

Michael J. Jacobs, MD, FICS, ICS-US Section President

KEYNOTE LECTURE

This special lecture will review the development and refinements of Transhiatal Esophagectomy (THE), contrast it with robotic Minimally Invasive Esophagectomy (MIE), and review reported concerns with MIE, providing information upon which the audience can formulate an opinion regarding the value of applying robotic technology to esophagectomy. After the lecture, the learner should be able to articulate the differences between THE and robotic MIE and the potential morbidity associated with each, and make a judgment as to whether or not robotic MIE should be adopted as the standard approach to esophageal resection and reconstruction worldwide. These considerations may prove of value when assessing allocation of medical resources globally.

Transhiatal vs Minimally Invasive Esophagectomy-Value Added?

Mark B. Orringer, MD, Ann Arbor, MI

SCHOLARSHIP COMPETITION

The Scholarship Committee of the ICS-US Section accepts submissions from medical students, surgical residents and surgical fellows. Participants have submitted an original clinical research paper with pertinent clinical application for this annual competition. All papers are judged and scored by the members of the ICSUS Section Scholarship Committee prior to the Annual Surgical Update. An additional panel of judges will score the oral presentation of the research during the meeting in Troy. Scores will be tallied and the individual with the highest combined score will be awarded a cash prize. Participants in this session will be presented with the latest research being conducted by some of the brightest young minds in medicine and surgery.

Coil Embolization of Bleeding Ileal Conduit Varices

Hassan Ahmed, MD, FICS (Jr.), Lubbock, TX

Minimizing Ionizing Radiation in Pediatric Emergency Department Patients with Suspected Appendicitis

Liisa Bergmann, MD, Royal Oak, MI

Intrauterine Cleaning After Placental Delivery at Cesarean Section: A Randomized Controlled Trial

Ahizechukwu C. Eke, MD, MPH, FICS (Jr.), Lansing, MI

Efficacy and Cost Effectiveness of Iliac Stenting in the Operating Room and Cath Lab

Sooyeon Kim, Lexington, KY

The Management of Patients with Colorectal Cancer and Synchronous Liver Metastasis or Indeterminate Liver Lesions: A Retrospective Review

Sunu Philip, MD, Southfield, MI

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Thursday

June 16, 2016

RESIDENT EDUCATION

Post Graduate training in surgery has changed dramatically in recent years. Concern related to the next generation of surgeons and their ability to provide adequate patient care has been highly debated at all levels. Participants in this session will have the opportunity to increase their knowledge related to surgical simulation and how it can be an effective training tool. In addition, learners will be presented with updated information on resident work hours, the results of the FIRST trial and the role of coaching in surgical education. Participants will also be enlightened about the need for fellowship training in certain specialties after surgical residency training. Participants will have a better understanding of the covered topics and be able to more effectively provide guidance to those in training programs or considering a career in surgery.

Transition from Residency into Fellowship - Is it Worth it?

Sandeep Anantha, MD, Nashville, TN

The Future of Surgical Education: A Promising Road Ahead

Mayur Narayan, MD, MPH, MBA, FICS, Dallas, TX

Surgical Simulation for 21st Century, a Necessity for Future Surgeons

Vijay Mittal, MD, FICS, Southfield, MI

Friday

June 17, 2016

NEUROLOGICAL & ORTHOPAEDIC SURGERY PRESENTATIONS AANOS 40TH ANNUAL SCIENTIFIC MEETING (Session 1)

The management and best treatment options for Neurological and Orthopaedic disease are constantly changing. Participants in these concurrent sessions will learn about a variety of Neurological, Orthopaedic and Spine related management and treatment options. Upon conclusion of the sessions the learner will have a better understanding of how to address diseases and conditions like degenerative disc disease, stroke, osteoarthritis and various types of carcinoma. In addition, the learner will be able to better determine whether treatment options presented are appropriate and when they should be used or recommended.

AANOS KEYNOTE SPEAKER

The Michigan Spine Surgery Improvement Collaborative

Muwaffak Abdulhak, MD, FRCS(C), Detroit, MI

Minimally Invasive Surgical Techniques for the Management of Spinal Metastases

W. Craig Clark, MD, PhD, FICS, Greenwood, MS

Anterior Approaches to the Spine

Fernando G. Diaz, MD, FICS, Southfield, MI

Updates in the Current Management of Stroke

Richard Fessler, MD, Detroit, MI

Update on Spine Coding Changes and Ruling

Robert Johnson, MD, Novi, MI

Current and Future Perspectives in Brain Tumors

Steven Kalkanis, MD, Detroit, MI

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Friday

June 17, 2016

NEUROLOGICAL & ORTHOPAEDIC SURGERY PRESENTATIONS (Session 1 continued)

Treatment of Large Acoustic Neuromas

Michael LaRouere, MD, Farmington Hills, MI

Human Stem Cell Based Intervertebral Disc Regeneration

Mick Perez-Creut, MD, Msc, Bloomfield, MI

Use of Expandable Cages in PLIF and Endoscopic ILIF

Lucia Zamorano, MD, FICS, Birmingham, MI

ICS SURGICAL FORUM — PLENARY SESSION

Representing 18 surgically related specialties, the ICSUS CME program is rich in diversity. This educational session includes a variety of subjects that seek to provide educational content that improves the learner's competence, performance or patient outcomes through interaction with peers. Due to the varied membership of our global organization, this educational session encourages participants from a variety of specialties to interact and learn from one another, building a broad base of knowledge.

Topics covered during this session will provide participants with information related to the specialties of general surgery, colon and rectal surgery, obstetrics & gynecology, pediatric surgery and bariatric surgery, as well as a little bit of history. Learners will improve their knowledge pertaining to specialties in which they may not practice, thereby making them well-rounded. Participants whose specialties are being covered will obtain updates as well as new information that will improve patient care.

Obstruction from a Meckel's Diverticulum - 35 years Experience

Domingo T. Alvear, MD, FICS, Harrisburg, PA

Complex Craniofacial Surgery and Reconstruction

Kongkrit Chaayasate, MD, Royal Oak, MI

Fertility Preservation Surgeries 2016

Clement Leung Kwok Chan, MD, MBBS, FICS, Central, Hong Kong

Management of Newer Anticoagulants for the Surgeon

Edward Danielle, MD, Lubbock, TX

Abdominal Wall Disasters

Anthony N. Dardano, Jr., DO, FICS, Boca Raton, FL

Surgical Management of IBD

Ernie Drellichman, MD, Novi, MI

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ICS SURGICAL FORUM — PLENARY SESSION (continued)

Impact of Medical or Surgical Admission on Outcomes of Patients with Acute Cholecystitis: A Multivariate Regression Model

Joseph Eid, MD, Southfield, MI

Breast Cancer Updates: Navigating the Controversies with Patients

Nafisa N.K. Kuwajerwala, MD, Southfield, MI

Post-Bariatric Complications

Sharique Nazir, MD, FICS, Brooklyn, NY

Cutting Seton for High Anal Transsphincteric Anal Fistula-our Experience

Petar Petricevic, MD, PhD, FICS, Zrenjanin, Serbia

Factors Associated with Treatment Failure After an Index Episode of Acute Diverticulitis

Sunu Philip, MD, Southfield, MI

Management of Inguinal Hernias in Premature Infants - Pre or Post Discharge? - What is best?

Farda Qayyum, MD, Harrisburg, PA

Laparoscopic Cholecystectomy in Portal Vein Thrombosis and Cavernous Transformation

Frank P. Schulze, MD, FICS, Muelheim, Germany

An Innovative Approach to Inguinal Hernia Repair Including Avoidance of Chronic Post Operative Pain

Sumet Silapaswan, MD, Novi, MI

Long-Term Outcomes of the Bilaminar Repair "Sandwich Technique" for Closure of Large, Complex Abdominal Wall Defects

Lauren Spoo, Boynton Beach, FL

General Surgery Problems in the Bariatric Patient

Sivamainthan Vithianathan, MD, FICS, Providence, RI

THE DR. ARNO ROSCHER ENDOWED LECTURE

In this special lecture recent advances in stem cell and regeneration medicine will be discussed with a focus on the prospects for effective regenerative therapies for heart failure and myocardial infarction. Participants will increase their awareness and improve their knowledge of advances in regenerative therapies for heart failure and myocardial infarction.

Regenerating the Broken Heart: Hope or Hype?

Jonathan A. Epstein, MD, Philadelphia, PA

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PRACTICE MANAGEMENT

The profession of surgery requires more knowledge than just how to function in the operating room and perform the surgical procedure at hand. If you are in private practice and even if you are not, the business aspect of surgery is always changing. All doctors and especially surgeons are faced with issues such as contracts, employee matters, and complicated tax concerns; the result, an ever increasing amount of stress. Participants in this session, focused on non-surgical topics that can have an impact on patient care if not addressed correctly, will learn about how to effectively address assorted business management and tax related topics as well as how to deal with stress to prevent burnout and stress-driven diseases.

The Disturbingly High Cost of Your Career in Surgery: The Business of Medicine in 2016 from the Perspective of a Tax Attorney, Business Owner, and Doctor Advocate
Victoria J. Powell, JD, Phoenix, AZ

Got Stress? Building Physician Resilience!
Stephen L. Robinson, MA, Boulder, CO

Business of Surgery
Sibu P. Saha, MD, MBA, FICS, Lexington, KY

ICS SURGICAL FORUM - SPECIALTY PRESENTATIONS

This session will focus on the identification and treatment options for challenging cases in vascular and thoracic surgery. Upon completion of this session participants will improve their understanding of the various options to treat the types of cases discussed and be better prepared to provide optimum patient care.

Mediastinal Surgery in the Era of Minimally Invasive Surgery: An Update
Abdulhadi Almutairi, MD, FICS, Dammam, Saudi Arabia

CT Guided Placement of high Activity, Low Dose Rate (Haldr) Brachytherapy Seeds
Hassan Anbari, MD, Southfield, MI

Yttrium-90 Radioembolization for Non-Resectable Primary and Metastatic Liver Cancer
Hassan Anbari, MD, Southfield, MI

Chest Tube Cultures - A Historic Review
Raymond A. Dieter, Jr., MD, FICS, Glen Ellyn, IL

Ten Years` Experience in Radical Endovenous Laser Therapy of Lower Extremity Varicose Veins
Ivan Maly, MD, PhD, FICS, Prague, Czech Republic

The Surgeon, The Heart and The General Motors Engineering
Adib H. Sabbagh, MD, FICS, Tucson, AZ

Clinical Transplantation and Tolerance: Are We There Yet?
Reza F. Saidi, MD, FICS, Providence, RI

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ICS SURGICAL FORUM - SPECIALTY PRESENTATIONS (continued)

Unusual Non-Lung Primary Malignancies Presenting in the Lung Parenchyma
Tracy Sambo, MD, MS, FICS (Jr.), Chicago, IL

Delayed Gastric Emptying: Pylorus-Preserving Versus Non-Pylorus-Preserving Pancreaticoduodenectomy - Systemic Review and Meta-Analysis
Awinderpreet Singh, MD, Troy, MI

Saturday

June 18, 2016

NEUROLOGICAL & ORTHOPAEDIC SURGERY PRESENTATIONS **AANOS 40TH ANNUAL SCIENTIFIC MEETING** (Session 2)

See Description for Session 1 on page 8

Primary CNS Lymphoma: Analysis of Treatment by Gamma- Knife Radiosurgery and Chemotherapy in a Prospective, Observational Study
Andres M. Alvarez-Pinzon, MD, MSc, Plantation, FL

Morbidity and Mortality in Adults Undergoing Resection of Supratentorial Meningioma
Ahmed J. Awad, MD, New York, NY

Stent-Retriever Endovascular Treatment of Ischemic Stroke
W. Craig Clark, MD, PhD, FICS, Greenwood, MS

What Is New In Gliomas Surgery?
Shawn Hervey-Jumper, MD, Ann Arbor, MI

Minimally Invasive Outpatient Treatment of Degenerative Spine Pathology
Miguel Lis-Planells, MD, Land O'Lakes, FL

The Latest Clinical Surgical Total Knee Replacement Advancements in Painful Osteoarthritis of the Knee
Robert S. Mathews, MD, PhD, FICS, Millersville, PA

Spine Surgery in an Ambulatory Surgery Center
Louis Radden, DO, Bingham Farms, MI

Posterior Interosseous Nerve Palsy: Case Report and Review of Radial Nerve Palsy
Sudhir B. Rao, MD, Big Rapids, MI

Universal Endoscopic Discectomy
S. M. Rezaian, MD, PhD, FICS, Beverly Hills, CA

Enterobacter Cloacae Sepsis with Multiple Brain Abscesses
Francis Gregory Samonte, MD, San Diego, CA

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June 18, 2016

NEUROLOGICAL & ORTHOPAEDIC SURGERY PRESENTATIONS (Session 2 continued)

Novel MIS Approaches to the Lumbar Spine

Gerald Schell, MD, Saginaw, MI

Does Cervical Fusion with Zero Profile Cage System (LDR) Decrease Rate of Adjacent Level Disease?

Lucia Zamorano, MD, FICS, Birmingham, MI

HPB SYMPOSIUM — PLENARY SESSION

This special symposium will provide a comprehensive overview of topics related to HPB surgery, including the use of minimally invasive techniques for both common and complex procedures. In addition, there will be discussion of emerging and cutting-edge techniques and technologies. Captivating lectures will be supplemented by lively panel discussions. Upon completion of this symposium participants will have a better understanding about emerging techniques and options for the management of HPB related diseases. In addition, participants will know how to integrate innovative HPB surgical techniques, resulting in the improved patient outcomes.

ICSUS Presidential Address

Complex Hepatobiliary and Pancreas Surgery in a Minimally Invasive Era

Michael J. Jacobs, MD, FICS, Birmingham, MI

Laparoscopic Cholecysto-Jejunostomy and Gastro-Jejunostomy in Advanced Pancreatic Cancer

Abdelkaker Al Hawasli, MD, FICS, St. Clair Shores, MI

What's New in Therapeutic Interventional Radiology

Laurie Vance, MD, Southfield, MI

Radiation Therapy for Locally Advanced Pancreatic Cancer: Advances and Future Directions

Eyad Abu-Isa, MD, Southfield, MI

Updates in Chemotherapy for HPB Malignancies

Mark Zalupski, MD, Ann Arbor, MI

Updates in Therapeutic Endoscopy

Roberto Gamarra, MD, West Bloomfield, MI

Strategies for Peritoneal Malignancies

Richard Berri, MD, Grosse Pointe Woods, MI

Surgical Management of Colorectal Liver Mets

Janak A. Parikh, MD, Novi, MI

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LUNCH PRESENTATION — THE DR. ANDRE CROTTI LECTURE

Containing basic and somewhat advanced physiologic principles, this special presentation will address common and not so common complications and side effects of Bariatric surgery and will attempt to explain them from our current understanding of GI physiology. The audience will learn that based on gastric and small bowel motility and absorption, most side effects are treatable and most complications are preventable either by careful technique or preoperative recognition of appropriate risk factors.

Reflections on Three and One Half Decades of Necrotizing Pancreatitis

Michael G. Sarr, MD, Rochester, MN

HPB SYMPOSIUM — SUPPLEMENTARY SESSION

See description from morning session on page 13.

Interventional Radiology and the Treatment of Primary and Metastatic Liver Cancer

Denis R. Lincoln, MD, FICS, Southfield, MI

Liver Directed Therapy for Primary and Secondary Malignancies

Vandad Raofi, MD, Birmingham, MI

Liver Transplantation for Hepatic Malignancies

Christopher Sonnenday, MD, MHS, Ann Arbor, MI

EUS Evaluation of Pancreatic Cysts

Serge Sorser, MD, Novi, MI

Technique of Minimally Invasive Esophagectomy

Hisakazu Yamagishi MD, FICS, Osaka, Japan

SPECIALTY PRESENTATIONS - TRAUMA AND ACUTE CARE SURGERY

This session offers a review of various aspects of trauma related surgical issues including: Rupture Due to Blunt Trauma, Damage Control Surgery and Iatrogenic Brachial Plexus Injury. In addition, a historical retrospective will be provided by a renowned leader in the field. Participants in this course will increase their knowledge of the topics presented to provide improved patient care and also learn about important developments that have changed the specialty over the years.

Left Atrial Appendage Rupture Due to Blunt Trauma

Hassan Ahmed, MD, FICS (Jr.), Lubbock, TX

Principles of Damage Control Surgery and Their Applications to Spine and Neurosurgery

Gene E. Bolles, MD, FICS, Denver, CO

Acute Visceral Vascular Emergencies

Karl-Heinz Dietl, MD, FICS, Germany

Iatrogenic Brachial Plexus Injury Secondary to Inappropriate Positioning Among Adults

Rana Latif, MD, Louisville, KY

Milestones in Trauma Surgery

Charles E. Lucas, MD, Detroit, MI

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June 18, 2016

ANNUAL ETHICS FORUM

Vaccination of health care professionals has recently grabbed the attention of public health officials and much of the public. However, many health care workers resist vaccination. Nationwide, fewer than half receive vaccines each year for the more common seasonal flu. To achieve high vaccination rates, a more aggressive approach is needed than simply informing health care workers and hoping they will receive vaccines on their own. Attendees will hear from an infectious disease expert about the pros and cons surrounding this highly debated topic and will be given an opportunity to discuss their views and provide personal examples of their experience in this interactive session. Upon completion of this session learners will have a better understanding of the issues surrounding this controversial topic.

Vaccinations for Healthcare Professionals

Vilma Drelichman, MD, Southfield, MI

GLOBAL SURGERY

A founding principle of ICS is to participate in humanitarian activities and attempt to provide surgical care to those in areas where it is not readily available. Historically, surgery has not been considered a health priority due to the inaccurate perception that high cost interventions benefit only a limited proportion of the population. Surgical care for approximately 2 billion people around the world is under-prioritized and underfunded. Recently the WHO's World Health Assembly Executive Board passed a resolution that seeks to strengthen emergency and essential surgical care around the world. This session will include presentations from members of the ICS who will provide firsthand accounts of what is needed and how it can be provided. In addition, an update will be presented pertaining to WHO activities addressing this global health crisis. Participants will learn what has been done and what they can do to improve patient care for all citizens of the world.

ICS World President's Lecture

Global Surgery and the WHO/Adapted Surgical Safety Checklist (SSC)

Yik-Hong Ho, MD, FICS, Townsville, Australia

Surgical Mission Surprises - Honduras 2015

Domingo T. Alvear, MD, FICS, Harrisburg, PA

International Education and Surgery

Gene E. Bolles, MD, FICS, Denver, CO

Report on CEIF Project to Nigeria

Maqsood M. Elahi, MD, FICS, Irving, TX

Report on the WHO GEEISC Program

Demetrius E.M. Litwin, MD, FICS, Worcester, MA

Social Events

EXPLORE S.E. MICHIGAN

Thursday June 16

This event; geared towards Alliance members, spouses, and family members who are visiting Troy during the Annual Meeting will provide attendees with an overview of the history of the area, and an understanding of the not-to-be-missed highlights of the city during your visit. A local expert will be your guide to the importance and highlights of our host city. **Free to all attendees but please register in advance.**

ALLIANCE BOARD OF DIRECTORS & GENERAL MEMBERSHIP MEETING

Thursday June 16

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.

WELCOME RECEPTION

Thursday June 16

Our first day in Troy ends with a cocktail reception. Join us as we kick off the 78th Annual Surgical Update!

HONORS LUNCHEON

Friday June 17

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. The winners of the Scholarship competition will also be announced here.

PEWABIC POTTERY TOUR & WORKSHOP

Friday June 17

Friday afternoon your Pewabic docent will lead you through our past and present, beginning with a look at our historic exhibit, Journey of a Pioneering Spirit: The Life of Mary Chase Perry Stratton along with early

Pewabic pieces in our Museum. You'll also see the workings of today's pottery – with a walk through our Fabrication Studio, where you can watch our artisans create Pewabic wares from start to finish. Finally, you'll have an opportunity to peruse our Gallery of Studio Artists, which contains the finest in contemporary ceramic work by over 70 North American artists.

After the tour you will have the opportunity to make your very own Pewabic tile. Which can be shipped to your home in 4-6 weeks for a small additional fee. The tour will last roughly 3 hours including transportation to and from the venue. Please note that because Pewabic is a National Historic Landmark, they do not have elevators for access to the second floor spaces, including the Museum, Exhibition Galleries, and Education Studios.

Price: \$40 per person. Registration in advance is required as space is limited. Tour may be cancelled if minimum participation is not achieved.

CLOSING DINNER

Saturday June 18

Join us as we come together for one last event before we bid farewell until next year. Michael J. Jacobs, MD and W. Craig Clark, MD invite you to attend the combined closing dinner of ICS-US and the AANOS. The **black-tie optional event** will feature complimentary wine at your table, a cash bar, award presentations and live entertainment presented by **Motor City Soul**. **Price: \$125 per person. Tickets must be ordered in advance.**

Registration Information

Meeting Registration

The Meeting Registration form is on the next pages. 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

All individuals who are attending the meeting but are not seeking CME must register in this category. Including: Spouses, Domestic Partners and Relatives. Included in this registration are: Breakfasts, Coffee Breaks, Lunches and non-ticketed Alliance Activities. This category is not appropriate for physicians who will attend CME Sessions.

Cancellation Policy

The cancellation deadline is May 24, 2016. Refunds will be issued, minus a \$75 processing fee, upon receipt of written notification via fax or mail. Verbal or written cancellations after May 24, will not be honored. Please allow four to six weeks after the meeting for your refund.

Becoming a Member

Any individual who submits a complete application for membership with their meeting registration will be allowed to attend the meeting at the 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.

Registration Types

ICS or AANOS Fellow

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

Junior ICS Fellow

Any surgical resident who is or has 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.

Resident

Any 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 have not yet applied for or do not qualify for ICS Allied Membership.

Attire

Business casual attire is recommended in educational sessions and on-site social activities. Casual attire is appropriate for most off-site social events.

Language

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

**78TH ANNUAL SURGICAL UPDATE ❁ INTERNATIONAL COLLEGE OF SURGEONS UNITED STATES SECTION
ATTENDEE/SPEAKER REGISTRATION INFORMATION**

40TH ANNUAL SCIENTIFIC MEETING ❁ AMERICAN ACADEMY OF NEUROLOGICAL AND ORTHOPAEDIC SURGEONS

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, everyone must register for the meeting. Please note: All paid registrants (whether Fellow or Supplement) automatically receive one lunch ticket per day. We do ask that you indicate if you will attend each lunch, so that accurate plans are made.

	Until 5/1/16	After 5/1/16	Until 5/1/16	After 5/1/16
ICS or AANOS Fellow	\$525 <input type="checkbox"/>	\$625 <input type="checkbox"/>	Non-member	\$750 <input type="checkbox"/>
Junior ICS Fellow	\$150 <input type="checkbox"/>	\$175 <input type="checkbox"/>	Medical Students	\$100 <input type="checkbox"/>
ICS Allied Member	\$175 <input type="checkbox"/>	\$200 <input type="checkbox"/>	Resident	\$225 <input type="checkbox"/>
			Allied Health Professional	\$225 <input type="checkbox"/>



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