



International College of Surgeons
41st North American Federation Congress

and the

American Academy of Neurological
and Orthopaedic Surgeons
33rd Annual Scientific Meeting

Registration Brochure
May 27-30, 2009

Hotel Omni Mont-Royal, Montreal, Canada



A City Full of Life and Culture...

Montreal, Canada

The Officers of the Canadian, United States, Mexican, and Haitian Sections of the International College of Surgeons cordially invite your participation at our 41st North American Federation Congress. Located on an island at the junction of the St. Lawrence and Ottawa rivers, Montreal has been a gigantic trading post for more than 300 years. From its old-world charm to modern skyscrapers, your visit to Montreal will definitely be magnifique!

Sophisticated... French... Progressive

An ideal destination for the ICS

41st North American Federation Congress

Dear Colleague;

It is with great pleasure that I invite you to the 41st North American Federation Congress of the International College of Surgeons, in the beautiful Canadian setting of Montreal. This biennial event brings together some of the brightest clinical surgeons on the continent and represents the joint collaboration of the Mexican, Canadian, and United States Sections of ICS.

Countless hours of planning by an International Scientific Organizing Committee, comprised of physicians from all surgical disciplines, as well as the diligent efforts to organize and facilitate the presentation of this program by hard-working members of the head office in Chicago, will all contribute to your enjoyment of this event. Designed to encourage the fraternity and exchange of ideas for improving patient care for all surgeons, the program promises to deliver new, exciting and clinically relevant information.

Of course, improving the lives of our patients through our continued education is first and foremost, but keep in mind that Montreal, a European Treasure located on the North American continent is a place where those who love to travel can find whatever they are looking for; rich history, vibrant nature, and hundreds of shopping opportunities. The limited free time our schedule provides will be amply filled with all that the city of Montreal has to offer.

It is also my distinct pleasure to welcome the participation of the members of the American Academy of Neurological and Orthopaedic Surgeons who will once again hold their Annual Scientific Meeting in conjunction with our Congress. The collaboration with this group truly enhances the overall program for your benefit.

I hope you will accept this invitation and join me along with your national and international colleagues for our 41st North American Federation Congress. Our Canadian Section Officers and Fellows look forward to serving as your hosts and welcoming you to their home country.

Sincerely,



Enrico Nicolo, MD, FICS
North American Federation Secretary



International college of surgeons

Congress Organizers

Enrico Nicolo, MD
North American Federation Secretary
Jefferson Hills, PA

Paul Belliveau, MD
Canadian Section Liaison
Kingston, Ontario

Wickii T. Vigneswaran, MD
US 2009 President
Chicago, IL

Dr. Jose Luis Hernandez-Ortega
Mexican Section President
Mexico City, Mexico

Joseph A. Bachicha, MD
US CME Committee Chair
South San Francisco, CA

Dr. Fidel Ruiz Healy
Mexican Section Liaison
Mexico City, Mexico

Ari O. Halldorsson, MD
US Chair Council of Surgical Specialty Groups
Lubbock, TX

Edouard Bontemps, MD
Haitian Section President
port-au-Prince, Haiti

Gazi Zibari, MD
Program Advisor
Shreveport, LA

Scientific Planning Committee

Zaki-Udin Hassan, MD
Anesthesiology
Lexington, KY

Maxime J.M. Coles, MD
Orthopaedic Surgery
Coffeyville, KS

Dinesh Ranjan, MD
Transplant Surgery
Lexington, KY

Larry Sasaki, MD
Colorectal Surgery
Bossier City LA

Alfonso E. Pino, MD,
Orthopaedic Surgery
DeLeon, TX

Cataldo Doria, MD
Transplant Surgery
Philadelphia, PA

Roque J. Ramirez, MD
General Surgery
Corpus Christi, TX

Arno A. Roscher, MD
Pathology
Chatsworth, CA

John H. Iijas, MD
Vascular Surgery
Livonia, MI

Michael J. Jacobs MD
General Surgery
Birmingham, MI

Anthony A. Dardano, DO
Plastic Surgery
Boca Raton, FL

Vijay Mittal, MD
General Surgery
Southfield, MI

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

Horacio R. D'Agostino, MD
Radiology
Shreveport, LA

41st North American Federation Congress

A CASE FOR COLLABORATION

Conference Overview

This Congress will focus on the alpha and omega of the surgical patient. The cooperation among multiple medical, social, civil and public entities will identify and explore “A Case For Collaboration.” As continuing medical education criteria change both on the national and international level, the need exists for the inclusion of non-medical personnel in education activities that support the entire healthcare profession and our teaching hospitals. Our surgical and cultural diversities require that we create a mutual understanding between physicians and the healthcare system, and an understanding between physicians and patients.

Credit Designation

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.

Accreditation

The International College of Surgeons-United States Section designates this educational activity for a maximum of 37 AMA PRA Category 1 credits. Physician should only claim credit commensurate with the extent of their participation in the activity. (Concurrent Sessions)

Surgical Specialties Represented in the Didactic Sessions

Anesthesiology	Neurosurgery	Pathology	Transplantation
Cardiothoracic	Obstetrics/Gynecology	Pediatrics	Urology
Colorectal	Ophthalmology	Plastic & Reconstructive	Vascular
General	Orthopaedic	Radiology	

Scientific Program and Overall Objectives

Each day's sessions are being independently designed to address the latest techniques and innovative concepts - concentrating on complications, successes, best techniques and problem cases. This diversified program will present a variety of viewpoints on new technologies and time honored approaches and create an understanding among surgical specialists to provide optimal patient care in the following areas:

Surgical/Peri-Operative Management of the Pediatric and Geriatric Patient
Age Related Management of Anesthesia
Medical & Ethical Decisions
Post-Operative Pain Control
Management of Portal Hypertension and
Pharmacologic Management and Considerations.

Sessions will also be designed to independently and in some cases collectively explore the following topics:

Minimally Invasive Surgical Procedures
Pediatric and Geriatric Trauma
Obese/Bariatric Surgery
Bile Duct Injury and Renal Artery Stenosis
Management of Benign and Malignant Pancreatic Lesions
Humanitarian Idealisms and Experiences and Disaster Relief

Preliminary Schedule at a Glance

(subject to change, final schedule will be provided on-site)

Wednesday, May 27, 2009

Start Time	End Time	Event
8:00am	Noon	Executive and Standing Committee Meetings
Noon	1:00pm	Lunch
1:30pm	5:00pm	Board of Regents & House of Delegates Business Meetings
6:00pm	7:00pm	Reception

Thursday, May 28, 2009

Start Time	End Time	Event
7:00am	8:00am	Continental Breakfast
8:00am	12:30pm	A Case For Collaboration: Pre-and Peri-Operative Management
9:00am	10:00am	AANOS Opening Ceremony and Keynote Address: Philip Weinstein, MD
10:00am	12:30pm	Complex & Minimally Invasive Spine, Novel Technologies - Part I
12:30 pm	1:30pm	Lunch
1:30pm	5:00pm	A Case For Collaboration: Pre-and Peri-Operative Management
1:30pm	5:00pm	Complex & Minimally Invasive Spine, Novel Technologies - Part II
7:00pm	10:00	Welcome Gala Banquet

Friday, May 29, 2009

Start Time	End Time	Event
7:00am	8:00am	Continental Breakfast
8:00am	12:30pm	Alpha and Omega: Surgery of the Pediatric and Geriatric Patient
8:00am	12:30pm	Intracranial and Cerebrovascular Neurosurgery
12:30pm	1:30pm	Lunch
1:30pm	5:00pm	Modern Imaging and Minimally Invasive Procedures
1:30pm	5:00pm	Neurosurgical and Orthopaedic Surgical Oncology
1:30pm	5:00pm	Laparoscopic Colorectal Surgery/Hand-Assisted Laparoscopic Surgery Lecture
6:30pm		Depart for Montreal Casino Dinner and Show

Saturday, May 30, 2009

Start Time	End Time	Event
7:00am	8:00am	Continental Breakfast
8:00am	10:30am	Trauma and Disaster Management
8:00am	12:30pm	Orthopaedic Subspecialties
8:00am	2:00pm	Laparoscopic Colorectal Surgery/Hand-Assisted Laparoscopic Surgery (Off-Site) Cadaveric Lab
8:00am	4:30pm	Neurological & Orthopaedic (Off-Site) Hands-On Workshops
10:30am	11:00am	2009 Honorary Fellow Recipient Lecture Professor Tapas K. Das Gupta
11:15am	12:30pm	Resident Research Scholarship Competition Presentations
12:30pm	1:30pm	Lunch
1:40pm	2:00pm	ICS World President's Lecture: Professor Christopher Chen
2:00pm	2:40pm	Disaster Preparedness: Guidance for Professionals
2:40pm	4:00pm	Closing Session: Surgical Ethics and Health Care
6:00pm	7:30pm	71 st Annual Convocation & Presidential Recognition Ceremony
7:30pm	8:30pm	New Fellows Reception

Opening of Congress and Introduction of Dignitaries 8:00 am
Enrico Nicolo, MD, FICS, ICS-US Section Past President, North American Federation Secretary, Pittsburgh, PA

A Case For Collaboration Part I 8:20am-12:30pm

In addition to the previously listed "Conference Overview" and "Overall Program Objectives," attendees at this session will become versed in several current medical innovations that represent an improvement in healthcare efficiency, and how thermal haemostasis and multimodal anesthesia currently used for day case vaginal hysterectomy could be applied to other therapeutic areas and thereby extend this new medical paradigm; In response to the failures of the healthcare systems of many countries, physicians will also become versed on how the improved vigilance of ALL healthcare providers to understand the unique and difficult problems obesity presents in the perioperative period can improve overall patient treatment. Additional lectures will explain how clinician-performed bedside real-time ultrasound can elucidate relevant hernia anatomy before, during, and after closed reduction. Attendees will further explore the management principles for the surgical treatment of the major causes of acute abdomen in pregnant women and better be able to form and assess surgical management plans.

Jay A. Bachicha, MD, FICS, ICS-US President-Elect, Dept. of Obstetrics and Gynecology, Chief, Patient Education and Health Promotion, Kaiser Medical Center, Hayward, CA
Gynecologic Surgery for the General Surgeon – Management of The Acute Abdomen in Pregnant Women

Henri Clave, MD, Department of Gynecological Surgery, St. George Clinic, Nice, France
Day-Case Vaginal Hysterectomy: How to Perform Easily with a Minimally Invasive Technique

Anthony A. Dardano, Jr., DO, FICS, Voluntary Assistant Professor of Surgery, University of Miami, Miller School of Medicine, Chief of Surgery, Boca Raton Community Hospital, Boca Raton, FL
Aesthetic Considerations in Abdominal Wall Reconstruction

Raza A. Dilawari, MD, Professor of Surgical Oncology, University of Tennessee Health Science Center, Memphis, TN
Management of Retroperitoneal Sarcoma

Michael E. Harned, MD, FICS, Clinical Instructor, Department of Anesthesiology, University of Kentucky, Lexington, KY
Anesthesia, Morbid Obesity & Bariatric Surgery, It's Not Just About the Airway!

Vladislav Khokhotva, MD, Department of Surgery, Queens University, Kingston, Ontario, Canada
Queen's Closure: Novel Endoscopic Gastrotomy Closure for Natural Orifice Transgastric Endoscopic Surgery

Peter J. Mariani, MD, Department of Emergency Medicine, SUNY Upstate Medical University, Syracuse, NY
Ultrasonic Diagnosis & Facilitated Reduction of an Abdominal Wall Hernia

Marco A. Pelosi III, MD, FICS, Associate Director, Pelosi Medical Center, Bayonne, NJ
Cosmetic Vaginal Surgery

Marco A. Pelosi II, MD, FICS, Director, Pelosi Medical Center, Bayonne, NJ
Minimally Invasive Lipo-Abdominoplasty/Lipo-Abdominoplasty at TVH

Todd Worley, MD, Dept. of Surgery, St. Joseph Hospital, Chicago, IL
Untreated Gastrointestinal Stromal Tumor (GIST) with Hemoperitoneum Presenting as Appendicitis: A Case Report and Review of Literature

Siva Vithiananthan MD, Chief, Minimally Invasive And Bariatric Surgery, Site Director, Surgery Residency And Medical Student Programs-The Miriam Hospital, Asst. Professor Of Surgery, Warren Alpert Medical School Of Brown University, Providence, RI
Pitfalls In Bariatric And Fore Gut Laparoscopic Surgeries: Few Strategies To Minimize Them

Jose F. Yeguez, MD, Boca Raton, FL
Re-Operative Laparoscopic Hernia Repair

A Case For Collaboration Part II

1:30pm-5:30pm

As our "Case for Collaboration" continues, this course has been designed for physicians who are increasingly incorporating minimally invasive surgical techniques into their practices. Presentations will focus on patient selection, appropriateness for a minimally invasive approach, controversies and contraindications of using such approaches while exploring data-driven results and how technical pitfall in and outside the operating room may lead to significant morbidity and mortality.

Tec Chong, MD, The Miriam Hospital, The Warren Alpert Medical School of Brown University, Providence, RI
Carotid Artery Stenting: Where Do We Stand In 2009

Raymond A. Dieter, Jr., MD, FICS, ICS-US Past President, Center for Surgery, Glen Ellyn, IL
Aortic Enteric Fistula

Horacio R. D'Agostino, MD, FICS, Professor of Radiology, Chair Dept. of Radiology, L.S.U.H.S.C., Shreveport, LA
Update in Ablation Technologies

Jacques P. Fontaine, MD, FICS, Assistant Professor of Surgery, The Warren Alpert Medical School of Brown University, The Miriam Hospital, Providence, RI
Minimally Invasive Endoscopic Treatment of Zenker's Diverticulum

Geoffrey M. Kwitko, MD, FICS, Clinical Assistant Professor of Ophthalmology, University of South Florida, Tampa, FL
Treatment of Dry Eye Syndrome Using a Combination of Eyelid and Malposition Repair and Traditional Tear Supplementation

Jaishankar Raman, MD, PhD, Professor of Surgery, Cardiac and Thoracic Surgery, University of Chicago Medical Center, Chicago, IL
Minimally Invasive Mitral Valve Surgery

Adib Sabbagh, MD, FICS, Tucson, AZ
30 Years Follow-Up for Anomalous Left Coronary Artery From Pulmonary Artery Treated By Vineberg Operation in Infancy

Sibu P. Saha, MD, MBA, FICS, Professor of Surgery, University of Kentucky, Lexington, KY
Contemporary Management of Life Threatening Complications of Pneumonectomy

Dixon Santana, MD, FICS, Lubbock, TX
Endovascular Treatment of Peripheral Vascular Disease in the Elderly

Sudir Srivastava, MD, Assistant Professor of Surgery, Director of Robotic and Minimally Invasive Cardiac Surgery, The University of Chicago Medical Center, Chicago, IL
Totally Endoscopic Coronary Artery Revascularization

Alpha & Omega: Surgery of the Pediatric and Geriatric Patient

8:00am-12:30pm

Beginning with the Alpha, pediatric surgery has been a frequent arena for clinical ethics debate involving the care of infants and children with life-impairing or life-threatening congenital and acquired disorders. The difficulties various surgical specialties face regarding ethical issues in this population, predominantly from advances in medical technology but also from societal and cultural change will be explored. On the other side of the spectrum, as the population in western societies ages rapidly the mean age rises dramatically and more people are living to an extremely old age and surgeons are seeing a significant increase in their practice being dedicated to older patients both elective and emergency. This series will concentrate on the often ignored preoperative functional status of the elderly and the im-

portance of realistic postoperative goals. The importance of return to preoperative functional status as an important component of the risk/benefit decision making will be emphasized. The best tools to assess geriatric patients' functional, social and cognitive status will be introduced and methods to assure return to high level functional status will be discussed.

This Course Meets Several State Criteria for CME Ethics and/or Professional Responsibility.

Seilish Babu, MD, FICS, Michigan Ear Institute, Farmington Hills, MI
Hearing Loss in the Aging Population: Results of Cochlear Implantation in Patients Older than 60 Years Old

Raeferd Brown, MD, Professor of Anesthesiology and Pediatric Chief, Division of Pediatric Anesthesia, Kentucky Children's Hospital Executive Vice-Chairman, Department of Anesthesiology, University of Kentucky Medical Center, Lexington, KY

The Effects of Anesthetics on the Developing Brain: A Modern Clinical Dilemma

Anthony A. Dardano, Jr., DO, FICS, Voluntary Assistant Professor of Surgery, University of Miami, Miller School of Medicine, Chief of Surgery, Boca Raton Community Hospital, Boca Raton, FL

Trauma Management in the Octogenarian

Mahmood A. Hai, MD, FICS, Department of Urology, Oakwood Annapolis Hospital, Wayne, MI

Prevention of Prostate Cancer: Lifestyle Changes, Diet and Chemo-prevention

Ari Halldorsson, MD, FICS, Professor and Vice Chair, Department of Surgery, Chief, Division of Cardio-Thoracic Surgery, Residency Program Director General Surgery, Texas Tech University Health Sciences Center, Lubbock, TX

Pre-Operative Assessment of the Elderly

Kevin W. Hatton, MD, FICS, Assistant Professor of Anesthesiology, Division of Critical Care Medicine, University of Kentucky, Lexington, KY

New Innovations In Non-Invasive Hemodynamic Monitoring

Francis Podbielski, MD, FICS, Division of Thoracic Surgery, Mercy Hospital and Medical Center, Springfield, MA

Single Thoracic Surgeon in a Community Practice: Case Distribution and Outcome Analysis and Empeyema and Pregnancy: A Report of Two Cases.

Chand Ramaiah, MD, FICS, University of Kentucky, Lexington, KY

Current Surgical Management of Atrial Fibrillation

Roque, J. Ramirez, MD, FICS, General & Vascular Surgery, Health Resolutions, Inc., Corpus Christi Medical Center, Corpus Christi, TX

Surgical Considerations in Today's Adolescent Patient

Paul A. Sloan, MD, FICS, Professor of Anesthesiology, University of Kentucky, Lexington, KY

Pain Management in Geriatric and Terminally Ill Patients

Wickii T. Vigneswaran, MD, FICS, US Section President, Professor of Surgery, Associate Chief of Cardiac and Thoracic Surgery, Director of Lung and Heart Lung Transplantation, University of Chicago Medical Center, Chicago IL

Management of Tracheal and Esophageal Strictures and Fistulae

Dr. Arno A. Roscher Endowed Lecture Noon-12:30pm

Harold P. Freeman, MD, President and Founder of Ralph Lauren Center for Cancer Care and Prevention in New York, Founder of Harold P. Freeman Patient Navigation Institute, Director of NCI Center to Reduce Cancer Health Disparities, Surgeon, Oncologist

Modern Imaging and Minimally Invasive Procedures

1:30pm-5:30pm

With a primary focus on various transplant procedures this lecture series will address minimally invasive procedures and intervention in general surgical training updating practice technique, procedure, instrumentation and patient safety. Presentations will focus on modern imaging and information presentation to the surgeon, emphasizing danger points of several procedures and practical overview of the processes.

Pradip Chakrabarti, MD, FICS, FRCS, FACS, Chief, Pancreas Transplantation, Clinical Assistant Professor of Surgery, Transplant Center of Lehigh Valley, Allentown PA

Techniques of Transplant Surgery-Liver Related Transplantation

Horacio D'Agostino, MD, FICS, Professor of Radiology, Chair, Dept. of Radiology, L.S.U.H.S.C., Shreveport, LA

Modern Imaging of Malignant Obstructive Jaundice

Cataldo Doria, MD, FICS, Associate Professor of Surgery, Director division of Transplantation, Jefferson Medical College, Thomas Jefferson University Hospital, Philadelphia, PA

Marginal Cadaveric Donors: Ethical Dilemma

Michael J. Jacobs, MD, FICS, Clinical Associate Professor, Wayne State University School of Medicine, Detroit, MI; Teaching Faculty-Providence Hospital, Southfield; Teaching Faculty-William Beaumont Hospital, Royal Oak, MI

Technical Tips in Laparoscopic Pancreatic Surgery

Kamran Khanmoradi, MD, Albert Einstein Medical Center, Philadelphia, PA
Thymoglobulin is Effective and Safe in Geriatric Kidney Transplant Recipients

Denis R. Lincoln, MD, FICS, Department of Radiology, Providence Hospital and Medical Centers, Southfield, MI
Pre-Operative MR and CT Imaging Using DIEP and TUG Protocols for Breast Reconstruction s/p Mastectomy

Peter Metrakos, MD, FRCSC, FACS, Associate Professor, McGill University, Director of Multi-Organ Transplant Program, MUHC, Director, of Hepatic, Pancreatic and Biliary Surgery, McGill University, Montreal, Quebec, Canada
Liver Transplantation Update

Vijay Mittal, MD, FICS, Chair and Program Director, General Surgery, Providence Hospital and Medical Centers, Southfield, MI; Associate Clinical Professor of Surgery, Wayne State University, Detroit, MI
Is There a Cure for Diabetes

Dinesh Ranjan, MD, FICS, Chief, Transplant Section, Director of Liver and Pancreas Transplantation, University of Kentucky, Lexington, KY
Resection vs Ablation for HCC

Reza F. Saidi, MD, FICS, Transplantation Unit, Massachusetts General Hospital, Boston, MA
Biliary Reconstruction and Complications after Living Donor Liver Transplantation

Hosein Shokouh-Amiri, MD, FICS, FACS, Prof. of Surgery, Co-Director, Willis-Knighton/LSUHSC-S Regional Transplant Program, Director, Living Related Liver Transplant Program, LSUHSC, Shreveport, LA
Surgical Management of Complication of Laparoscopic Cholecystectomy

T. C. Thambi-Pillai, MD, FICS, Assistant Professor of Surgery, Wright State University, Boonshoft School of Medicine, Dayton, OH
Immune Cell Monitoring: A Novel Method to Evaluate Global Immunosuppression

Gazi B. Zibari, MD, FICS, Professor of Surgery, Malcolm Fiest Endowed Chair in Transplant Surgery, Director of W.K./L.S.U. Regional Transplant Program L.S.U Health Science Center, Shreveport, LA
Laparoscopic Adrenalectomy

Trauma and Disaster Management 8:00am-10:30am
This session will explore the challenges and rewards while providing an understanding for “team” delivery of health-care in trauma and disaster management situations. Information presented will provide guidance for adapting standards of care under extreme conditions, staff safety, and hospital preparedness. Common and not-so-common trauma scenarios will be presented with innovative approaches for both management and training.

Domingo T. Alvear, MD, FICS, Chief, Division of Pediatric Surgery, Pinnacle Health Hospital, Harrisburg, PA
The Value of Surgical Missions to Third World Countries in a Surgical Training Program

Jay A. Bachicha, MD, FICS, ICS-US President-Elect, Dept. of Obstetrics and Gynecology, Chief, Patient Education and Health Promotion, Kaiser Medical Center, Hayward, CA
The Management of Trauma in the Pregnant Patient

Steven Brooks, MD, Lubbock, TX
Pediatric Trauma – Initial Management

David Mulder, MD, Director, MUHC Division of Thoracic Surgery, McGill University, Montreal, Quebec, Canada
Airway Trauma

Professor Adel Fouad Ramzy, FICS, First World Vice-President, Cairo, Egypt
Endocrine Tumors of the Pancreas

Mr. Sri Seshagiri, Special Accounts Project Manger, American Technologies Inc. – Building Disaster Recovery Services, San Francisco, CA
After A Disaster: Do You Have It Mastered?

Ira Shulman, MD, Professor of Pathology, Keck School of Medicine, Univ. of Southern California, Director of Laboratories, Los Angeles County/USC Medical Center Medical Director, Transfusion Services, USC Norris Cancer Hospital, Los Angeles, CA
Rational Use of Blood Products and Haemostatic Agents in Trauma

Siva Vithiananthan MD, Chief, Minimally Invasive And Bariatric Surgery, Site Director, Surgery Residency And Medical Student Programs-The Miriam Hospital, Asst. Professor Of Surgery, Warren Alpert Medical School Of Brown University, Providence, RI

Reflections of A Surgeon's Experience During the Tsunami Medical Relief in Sri Lanka

2009 Honorary Fellowship Recipient Lecture 2:00pm-2:30pm

Tapas K. Das Gupta, MD, PhD, DSc, University of Illinois at Chicago, Professor and Head, Department of Surgical Oncology, Professor, Department of Surgery, Professor, Department of Anatomy and Cell Biology, Chicago, IL

Role of Academic-Industrial Collaboration in Medical Education

Resident Research Scholarship Competition Presentations

11:15am-12:30pm

The Scholarship and Research Committee of the ICS-US Section extended its annual invitation to medical students, fellows, and residents in general surgery and all surgical specialties (including anesthesiology, pathology and radiology) to submit an original clinical research paper with pertinent clinical application for this competition. Papers will first be judged and scored by the members of the ICS-US Section Scholarship Committee prior to their presentation at this conference. An additional panel of judges will be assembled at the conference to score the oral presentation of the research. Scores from both panels will be totaled and the winners announced at the conclusion of the meeting.

Comparative Study of Consecutive Parathyroidectomies With and Without Intra Operative Parathormone Monitoring

Presenting Author: Aditya Gupta, MD, Department of Surgery, Providence Hospital and Medical Centers, Southfield, MI. **Co-Authors:** Gokulakrishna Subhas; Barry R. Herschman; Sumet Silapaswan; Ramachandra Kolachalam; William Kestenberg; Lorenzo Ferguson; Michael J. Jacobs; Vijay K. Mittal

Oral Vitamin A Enhances the Effectiveness of Formalin 8% in Treating Chronic Hemorrhagic Radiation Proctitis

Presenting Author: Purnal Patel, MD, Department of Surgery, Providence Hospital and Medical Centers, Southfield, MI **Co-Authors:** Gokulakrishna Subhas; Aditya Gupta; Yeon-Jeen Chang; Vijay K. Mittal; Alasdair MCKendrick

Modulation of Brain Death Induced Neurogenic Pulmonary Injury by a Sphingosine 1-Phosphate 1 Receptor Agonist

Presenting Author: Saad Sammani, MD, Department of Medicine, University of Chicago, Chicago, IL **Co-Authors:** Ki-Sung Park; Rafe Zaidi; Biji Mathew; Ting Wang; Liliana Moreno-Vanasco; Joe G.N. Garcia; Wickii T. Vigneswaran

Benefits of Mock Oral Examinations in a Multi-Institutional Consortium for Board Certification in General Surgery Training

Presenting Author: Gokulakrishna Subhas, MD, Department of Surgery, Providence Hospital and Medical Centers, Southfield, MI **Co-Authors:** Stephen Yoo; Yeon-Jeen Chang; David Peiper; Mark J. Frikker; David L. Bouwman; Allen Silbergleit; Larry R. Lloyd; Vijay K. Mittal

Predicting Surgical Approach for Cholecystectomy by Pre-Operative Clinical Images

Presenting Author: Sumeet Virmani, MD, Department of Surgery, Providence Hospital and Medical Centers, Southfield, MI **Co-Authors:** Lorenzo Ferguson; Michael Jacobs; Vijay K. Mittal

World Presidents Lecture

1:40pm-2:00pm

Professor Christopher Chen, MD, FICS, International World President, Medical Director & CEO Christopher Chen Centre for Reproductive Medicine, Gleneagles Hospital, Singapore

Improving Pregnancy Rates Among Difficult Infertile Couples

Overview of Disaster Preparedness: Guidance for Professionals

2:00pm-2:40pm

Angelina Lazarus, MD, FACP, FCCP, Professor of Medicine, National Naval Medical Center, Uniformed Services University of Health Sciences, Bethesda, MD

Lawrence C. Mohr, Jr., MD, FACP, FCCP, Professor of Medicine and Director of the Environmental Biosciences Program and the Medical University of South Carolina, Charleston, SC

Nanomedicine and Nanotechnology in Cardiovascular Medicine

2:40pm-3:00pm

Ratnesh Lal, PhD, Professor of Medicine, Director, Center for Nanomedicine, University of Chicago, Chicago, IL
Nanomedicine and Nanotechnology in Cardiovascular Medicine

Closing Session 3:00-4:00pm
Medical/Surgical Ethics and Healthcare

Much of today's scientific research has moved from a realm of scientific possibilities to social/political controversy and realities. This session will attempt to discuss a few of the key ethical considerations today's surgeons face with new and more complicated ethical dilemmas. Among them, contemporary concerns of society expense, management and prevention, unwarranted biases and consent.

Frank Bongiorno, MD, FICS, Member Bioethics Committee Michigan State Medical Society and Embryonic Stem Cell Task Force, Wound Specialists of Ann Arbor, Ann Arbor, MI
Embryonic Stem Cell Research: Ethical, Philosophical, and Religious Considerations

John H. Eichhorn, MD, Professor of Anesthesiology, College of Medicine, University of Kentucky, Lexington, KY
Awareness During General Anesthesia

Roque, J. Ramirez, MD, FICS, General & Vascular Surgery, Health Resolutions, Inc., Corpus Christi Medical Center, Corpus Christi, TX
Our Aging Society – Ethical Consideration

This Course Meets Several State Criteria for CME Ethics and/or Professional Responsibility.

Faculty/Audience Discussion & Debate

*Laparoscopic Colorectal Surgery and Hand-Assisted Laparoscopic Surgery
 Lecture and Cadaveric Lab Series*

Friday, May 29, 2009 Lectures **8:00am-4:00pm**

Larry S. Sasaki, MD, FICS, Assistant Clinical Professor of Surgery, Louisiana State University Medical Center, Shreveport, LA

Bryan Butler, MD, FACS, FASCRS, Clinical Assistant Professor, Section of Colon Rectal Surgery, State University of New York at Buffalo, Buffalo, NY

Vijay Mittal, MD, FICS, Chair and Program Director, General Surgery, Providence Hospital and Medical Centers, Southfield, MI; Associate Clinical Professor of Surgery, Wayne State University, Detroit, MI

Course Overview and Objectives:

This course is designed for general and colorectal surgeons who are currently performing advanced laparoscopic procedures and are interested in expanding their skills to hand-assisted and laparoscopic colorectal surgery. Participants should be performing at least 20 open colectomy procedures a year. The focus of the course will be to introduce the current trends in minimally invasive colon surgery including hand-assisted and laparoscopic techniques. Didactic content will address criteria for patient selection, procedural indications and contraindications, minimally invasive techniques and management of potential complications.

Additionally, Most recent techniques in minimally-invasive procedures will be addressed. These techniques include single-port, NOTES and robotic surgery.

Upon completion of this course, participants should be able to: Discuss the evolution of minimally invasive colorectal procedures; Define patient selection, preparation and positioning for minimally invasive colon procedures; Differentiate minimally invasive colectomy procedures for benign and malignant disease; Describe current indications and contraindications for minimally invasive colectomy procedures; Discuss the management of complications and the potential to convert to an open procedure; Demonstrate minimally invasive techniques for colorectal surgery in a faculty-guided cadaveric lab.

Saturday, May 30, 2009 Lab **7:00am-4:00pm**

7:00am	Breakfast (in the hotel)
7:30am	Depart Hotel for McGill Lab
8:00am	Lab Overview/Prep
9:30am-11:30am	Cadaveric Lab
11:30am-12:00pm	Break
12:00pm-2:00pm	Cadaver Lab Continues
2:30pm	Lab Review
3:00pm	Depart for Hotel

Registration Fee: \$800 Includes all fees/transportation related to the workshop and hands-on lab.



American Academy of Neurological and Orthopaedic Surgeons

Dear Colleagues,

It is our great pleasure to invite you to attend the 33rd Annual Scientific Meeting of the American Academy of Neurological and Orthopaedic Surgeons. The Academy will once again join the International College of Surgeons. This year our meeting will be held in Montreal, Canada at the Hotel Omni Mont-Royal, where we will visit a truly unique city that is filled with culture and history.

Our conference will open on Thursday morning, May 28 with this year's Keynote Speaker, Philip Weinstein, MD, who will present "Advances in the Diagnosis and Management of Lumbar Stenosis". This will be followed by several unique sessions highlighting renowned international guest speakers who will discuss minimally invasive and complex surgical techniques, innovative translational research and the application of novel technologies in Neurological and Orthopaedic Surgery. This year we will be highlighting submissions accepted by the Scientific Organizing Committee in both oral platform presentations and electronic poster format. Our three day program will be followed by optional hands-on workshops held at the McGill Medical Simulation Centre*.

Please note that the Annual Board of Directors Meeting will be conducted in Montreal and all members of the Board are strongly encouraged to attend this important gathering. Other Academy members are welcome to participate and observe. Currently the Board meeting is scheduled for Friday afternoon, May 29. This is the perfect opportunity for you to learn more about the business of your Academy. By providing your valuable input, you can help the Academy in its mission to provide a top-notch educational experience for all members. Volunteers for the Board are always needed and welcomed, especially when it comes to active and enthusiastic participation.

Academy members, make your plans now to join us in Montreal and come for what promises to be an extraordinary scientific program. At this time approximately 24 hours of CME credit will be available based on your participation and attendance at the 33rd Annual Scientific Meeting of the American Academy of Neurological and Orthopaedic Surgeons.

We look forward to seeing you and welcoming you to Montreal!

Sincerely,

Kazem Fathie, MD
Chair, Board of Directors

Harilaos Sakellarides, MD
Vice Chair, Board of Directors

William Mathews, MD
President, Executive Committee

Clara Raquel Epstein, MD
Secretary, Executive Committee

*The McGill Medical Simulation Centre, the host site for our upcoming cadaveric workshops, is an interprofessional centre of excellence using medical simulation to enhance the skills of health care professionals through education, research, evaluation and innovation, thereby improving patient safety and the quality of care.

AMERICAN ACADEMY OF NEUROLOGICAL AND ORTHOPAEDIC SURGEONS BUSINESS MEETINGS

The annual business meeting of AANOS will take place on Friday, May 29, 2009 following the day's CME presentations.

33rd Annual Scientific Meeting

This conference is comprised of symposium lectures, case presentations, workshops and discussions concerning both Neurological Surgery and its subspecialties (Intracranial and Skull Base Surgery, Cerebrovascular Surgery, Neurosurgical Oncology, Neuroendoscopic Surgery, Minimally Invasive and Complex Spinal Surgery) and Orthopaedic Surgery and its subspecialties (Spine, Adult Joint Reconstruction, Foot and Ankle, Hand and Upper Extremity, Microsurgery, Orthopaedic Traumatology, Musculoskeletal Oncology, and Sports Medicine). The presentations and workshops will provide a comprehensive update for each of these subspecialty areas.

Learning Objectives:

After completing this educational activity, participants should be able to:

- Explain the current concepts in terms of diagnosis, evaluation and conservative and surgical management of conditions involving both Neurosurgical and Orthopaedic Surgical pathologies
- Recognize the unique anatomy and physiology associated with each disease or pathology
- Identify the fundamentals of the surgical decision making process
- Discuss factors involved with patient selection for conservative management vs. surgical (complex or minimally invasive) or radiosurgical indications
- Distinguish between the surgical strategies, their relative indications, as well as their pros and cons
- Anticipate and avoid surgical complications
- Discuss technologies and adjuvants to treatment options available to enhance the safety of surgical intervention and treatment and what their limitations are

Accreditation for the Academy

Accreditation

The American Academy of Neurological and Orthopaedic Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

The American Academy of Neurological and Orthopaedic Surgeons designates this educational activity for a maximum of 24 AMA PRA Category 1 credit(s). Physician should only claim credit commensurate with the extent of their participation in the activity.

ICS Fellows specializing in Neurological and Orthopaedic Surgeons are welcome to participate in the 33rd Annual Scientific Meeting of AANOS which is being held in conjunction with our Congress. There will be no additional charge for ICS Fellows to participate in the AANOS program.

AANOS is an ACCME Accredited Provider. Physicians participating in this program will receive their CME Transcript directly from the Academy.

Chairman of the Board

Kazem Fathie, MD
Las Vegas, NV

Vice Chairman of the Board

Harilaos Sakellarides, MD
Boston, MA

CME Committee Scientific Chair

William E. Mathews, MD
Lafayette, CA

Scientific Organizing Committee

Maxime J.M. Coles, MD
Coffeyville, KS

Clara Raquel Epstein, MD
Boulder, CO

Charles Xeller, MD
League City, TX

Welcome and Introduction

Kazem Fathie, MD, Chairman, The American Academy of Neurological and Orthopaedic Surgeons, Las Vegas, NV

Keynote: Advances in the Diagnosis and Management of Lumbar Stenosis

Philip Weinstein, MD, Professor of Neurological Surgery, University of California, Department of Neurosurgery, San Francisco, CA

**Complex & Minimally Invasive Spine, Novel Technologies - Part I
Osteotomies in Complex Spinal Reconstruction- What, Where, When and How**

Richard Hostin, MD, Orthopaedic Surgeon, The Baylor Scoliosis Center, Consulting Orthopedists, Plano, TX

Adult Scoliosis

Abid Qureshi, MD, Orthopaedic Surgeon, Muir Orthopaedic Specialists, Walnut Creek, CA

Staying Out of Trouble in Spinal Deformity Surgery

Richard Hostin, MD, Orthopaedic Surgeon, The Baylor Scoliosis Center, Consulting Orthopedists, Plano, TX

Minimally Invasive Surgery - Trans1 Presacral and Percutaneous Axial Lumbar Interbody Fusion (AxiaLIF) of L5-S1, L4-5 segments: Initial Clinical and Radiographic 2 level Experience

Josue Gabriel, MD, Orthopaedic Surgeon, Clinical Assistant Professor, Orthopaedic Spine Clinical Director, Biodynamics Laboratory, Ohio Orthopaedics & Sports Medicine, Inc., The Ohio State Medical Center, Department of Orthopaedic Surgery, Findlay, OH/Columbus, OH

Vertebroplasty - Indications, Technique and Pitfalls

Gregory A. Christoforidis, MD, Associate Professor and Section Chief, Interventional Neuroradiology, The Ohio State University Medical Center, Department of Radiology, Columbus, OH

**Complex & Minimally Invasive Spine, Novel Technologies - Part II
XLIF Reconstruction of the Lumbar Spine**

Fernando G Diaz, MD, PhD, Neurological Surgeon, Chief, Neurological Surgery, Beaumont Hospital, Royal Oaks, MI

Occiput to C2 Study on Intra-laminar C2 Screws

Josue Gabriel, MD, Orthopaedic Surgeon, Clinical Assistant Professor, Orthopaedic Spine Clinical Director, Biodynamics Laboratory, Ohio Orthopaedics & Sports Medicine, Inc., The Ohio State Medical Center, Department of Orthopaedic Surgery, Findlay, OH/Columbus, OH

Unilateral TLIF for Degenerative Spine Disease

Fernando G Diaz, MD, PhD, Neurological Surgeon, Chief, Neurological Surgery, Beaumont Hospital, Royal Oaks, MI

The Pros and Cons of Spinal Instrumentation: Is there a proper use of Biologics in Cervical Spine Surgery?

Steven Lee, MD, Orthopaedic Surgeon, Muir Orthopaedic Specialists, Walnut Creek, CA

Accepted Abstract Platform Presentations - Part I

Hotel Omni Mont-Royal

It's never too early to book your rooms at the hotel;

call the Omni Mont-Royal; at **(514) 284-1110** or

Central Reservations at **1-800-400-1700** and,

refer to the group:

International College of Surgeons - United States Section.

The meeting rate is
\$199 Canadian Dollars

Free Lunch Returns

We are pleased to announce that as part of the 41st NAF Congress of the ICS and 33rd Annual Scientific Meeting of the AANOS our Corporate Partners will be sponsoring our planned luncheons for all registered participants. Please indicate on the registration forms if you will be in attendance.

Spouses and guests are encouraged to attend. Please refer to the registration form on page 22 or go to www.ficsonline.org to purchase luncheon tickets.

Intracranial and Cerebrovascular Neurosurgery

Vascular Disorders of the Brain

William E. Mathews, MD, Neurological Surgeon, Muir Orthopaedic Specialists, Lafayette, CA

Minimally Invasive Surgical Management of Arachnoid Cysts

Jaime Diegopérez Ramírez, MD, Neurological Surgeon, Centro Neurológico CMABC, Colonia Tlaxala Santa Fé, México D.F., México

Awake Craniotomy and Functional Mapping

Lucia Zamorano, MD, Neurological Surgeon, Lucia Zamorano, MD, PLC, Detroit Medical Center/Harper University Hospital/Karmanos Cancer Institute, Huron Valley-Sinai Hospital, Southeast Michigan Surgical Hospital, William Beaumont Hospital Royal Oak, Detroit, MI

Multiloculated Hydrocephalus - A Consequence of Systemic Infections

Jaime Diegopérez Ramírez, MD, Neurological Surgeon, Centro Neurológico CMABC, Colonia Tlaxala Santa Fé, México D.F., México

Neurosurgical and Orthopaedic Surgical Oncology

Gliomas: Diagnosis, Treatment & Future Technology

Clara Raquel Epstein, MD, Neurological Surgeon, Clara Raquel Epstein, MD, P.C., Boulder, CO

Advanced Neuroimaging for Brain Tumors

Gregory A. Christoforidis, MD, Associate Professor and Section Chief, Interventional Neuroradiology, The Ohio State University Medical Center, Department of Radiology, Columbus, OH

Skull Base Approaches – Surgical, Radiosurgical, and Minimally Invasive Techniques

Mario Ammirati, MD, MBA, Neurological Surgeon, Professor of Neurosurgery and Radiation Medicine, Director, Skull Base Neurosurgery, Director, Stereotactic Radiosurgery, Director, Dardinger Microneurosurgical Skull Base Laboratory, The Ohio State University Medical Center, Department of Neurological Surgery, Columbus, OH

Robotics in Neurosurgery

Lucia Zamorano, MD, Neurological Surgeon, Lucia Zamorano, MD, PLC, Detroit Medical Center/Harper University Hospital/Karmanos Cancer Institute, Huron Valley-Sinai Hospital, Southeast Michigan Surgical Hospital, William Beaumont Hospital Royal Oak, Detroit, MI

Accepted Abstract Platform Presentations - Part II

Orthopaedic Subspecialties - Part I

Treatment of Proximal Humeral Fracture

Maxime Coles, MD, Orthopaedic Surgeon, Coffeyville Orthopaedics, P.A., Coffeyville, KS

Orthopaedic Subspecialties - Part II

Accepted Abstract Platform Presentations - Part III



**The American Academy of Neurological and Orthopaedic Surgeons
33rd Annual Scientific Meeting
Montreal, Quebec, Canada
May 28-30, 2009
Scientific Program Addendum**

This addendum includes the oral and poster presentations selected by the Scientific Planning Committee of the American Academy of Neurological and Orthopaedic Surgeons.

We look forward to your participation and encourage early registration to reserve your space at: <http://www.aanos.org> or <http://www.ficsonline.org> or call 800.766.3427 during normal business hours (9am – 5pm CST).

THURSDAY, MAY 28, 2009

SYMPOSIUM: Accepted Abstract Platform Presentations - Part I

ALIF with Anterior Instrumentation - A Review of Forty Consecutive Cases with Long-term Follow-up

Speaker: W. Craig Clark, MD, PhD

Hydraulic Instrumentation for Lumbar Spinal Disc Arthroplasty Surgery

Speaker: Staffan Bowald

Outpatient Endoscopic Minimally Invasive Spine Surgery - Feasibility Safety And Patient Satisfaction

Speaker: John A. Polikandriotis, Ph.D.

Potential Complications of Anterior Cervical Discectomy

Speaker: Saeid Alemo, MD

FRIDAY, MAY 29, 2009

Scholarship Award Recipient

Proliferative CD8+ T Cell Infiltrate in Newly Diagnosed Glioblastoma Patients Correlates with Long Term Survival

Speaker: Isaac Yang, MD, Senior Neurosurgical Resident, University of California, Department of Neurosurgery, San Francisco, CA

SYMPOSIUM: Accepted Abstract Platform Presentations - Part II

Minimally Invasive Surgery for the Resection of Major Intradural Spinal Cord Tumors and Rare Lesions

Speaker: Martin L. Lazar, MD, FACS, FICS

Electromagnetic Neuronavigator Neuropanacea - In Vivo

Speaker: Luis Iván Jara Castellanos

Automated Percutaneous Nucleotomy and Nucleolysis With Ozone in the Treatment of Lumbar Radiculopathy

Speaker: Leonel P Limonte, MD

The Treatment of Trigeminal Neuralgia with Percutaneous Balloon Compression of the Gasserian Ganglion

Speaker: Marcos Baabor, MD

Neuroanatomy & Traumatic Aspects of the Cord

Speaker: Elpidio Sanchez Arellano, MD



**The American Academy of Neurological and Orthopaedic Surgeons
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SATURDAY, MAY 30, 2009

SYMPOSIUM: Orthopaedic Subspecialties - Part I

Treatment of Proximal Humeral Fracture

Speaker: Maxime Coles, MD, Orthopaedic Surgeon, Coffeyville Orthopaedics, P.A., Coffeyville, KS

Lengthening of Elbow Flexors in Cerebral Palsy

Speaker: Mohinder A. Mital, MD

Percutaneous Pedicle Screw Fixation - Safety and Accuracy in Degenerative and Traumatic Conditions

Speaker: Tony Tannoury, MD

Fractures of the Humerus Associated with Paralysis of Radial Nerve - the Treatments and Tendon Transfers

Speaker: Spiros G. Stamelos, MD

The Treatment of OA of the Trapezio-Metacarpal Joint of the Thumb by Early Synovectomy, Tendon Transfer, Fusion of Joint and Prosthetic Replacement

Speaker: Ronald J. Nasif, MD

The Unbalanced Wrist in Cerebral Palsy by Tendon Transfers

Speaker: Narendra K. Shah, MD

Quadrilateral Space Syndrome

Speaker: Ronald E. Palmer, MD

Sports Medicine of the Shoulder

Speaker: James D. Key, MD

SYMPOSIUM: Orthopaedic Subspecialties - Part II

The Legacy of Arthur Jones – A Personal Tribute to a Unique Mentor

Speaker: James D. Key, MD

The Treatment of Ruptures of the Extensor Tendons in the Wrist and Fingers by Synovectomy and Tendon Transfer in Rheumatoid Arthritis

Speaker: Harilaos Sakellarides, MD

Management of AC Chronic Joint Pain and Joints Reconstruction with Intraarticular and or Intrafacet Joint Injection of Hyaluronate Components

Speaker: Richarad Gershanik, MD, PhD

Autogenous Bone Graft for Ununited Fractures

Speaker: Sudhir B. Rao, MD

The Importance of Recognizing and Treating Psychosocial Co-Morbidities Prior to Complex Post-Trauma Reconstruction

Speaker: Jose J. Monsivais, MD, FACS



**The American Academy of Neurological and Orthopaedic Surgeons
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Scientific Program Addendum**

Electronic/Digital Poster Presentations

Title: Aneurysm Clips for Durotomy Repair - A Technical Note

Presenter: Alexandra D. Beier, DO

Title: Carpal Tunnel Release

Presenter: Sebastian B. Ruggeri, MD, FAAOS

Title: Complications of Cementoplasty Performed for Vertebral Compression Fractures

Presenter: W. Craig Clark, MD, PhD, FACS, FICS

Title: Cortical Treatment of a Left Rizotomy Trigeminal Neuralgia

Presenter: Elpidio Sanchez Arellano, MD

Title: New Electromagnetic Neuronavigator NeuroPANACEA

Presenter: Luis Iván Jara Castellanos

Title: Outpatient Based Minimally Invasive Cervical Endoscopic Laminotomy – Foraminotomy Spinal Decompression Surgery

Presenter: John A. Polikandriotis, Ph.D.

Title: Outpatient Based Minimally Invasive Lumbar Endoscopic Laminotomy – Foraminotomy Spinal Decompression Surgery

Presenter: John A. Polikandriotis, Ph.D.

Title: Percutaneous Reduction and Internal Fixation Without Fusion of Unstable Thoracolumbar Spinal Injuries

Presenter: Tony Tannoury, MD

Title: Phytotherapy and Neurological Disorders – Update

Presenter: James D. Key, MD

Title: The Management of Paralysis of the Spinal Accessory Nerve in the Shoulder

Presenter: Harilaos Sakellarides, MD

Title: V-Y Anterior Transposition of Ulnar Nerve for Compression Neuritis

Presenter: Harilaos Sakellarides, MD

Title: Prefilled Closed and Odour Free Mixing and Delivery System for Vertebroplasty Bone Cement

Presenter: Erik Johansson

Title: Role of IONM in Complex Surgery

Presenter: Saeid Alemo, MD

Title: Sources and Patterns of Pain in Lumbar Disc Disease - Revisiting of Francis Murphey's Theory

Presenter: Saeid Alemo, MD

The McGill Medical Simulation Centre, the host site for our upcoming cadaveric and simulation workshops and mini-symposiums, is an interprofessional centre of excellence using medical simulation to enhance the skills of health care professionals through education, research, evaluation and innovation, thereby improving patient safety and the quality of care. Each workshop requires pre-registration on a first-come first-serve basis. Registration will be based on the optimal number of participants per available cadaver ratio, with a minimum participation of pre-registrants required. Transportation is included in the workshop registration fee.

Morning Session **8:00am-Noon**
Surgical Management of the Aging Spine – Cadaver Workshop
 Richard Hostin, MD, Plano, TX

Learning Objectives: After completing this educational activity, participants should be able to:

- Recognize indications for fixation techniques in the adult spine
- Demonstrate working knowledge and understanding of three-dimensional correction techniques: reduction, translation, and de-rotation
- Demonstrate techniques for performing posterior osteotomies on cadaveric specimens
- Develop strategies to avoid surgical complications

Registration Fee: \$400

Morning Session **8:00am-Noon**
TranS1® AxiaLIF® 2L Technique for Minimally Invasive Spine Surgery Workshop
 Josue Gabriel, MD, Findlay, OH

Learning Objectives: After completing this educational activity, participants should be able to:

- Discuss indications and contraindications for the application of TranS1® AxiaLIF® 1L and 2L Systems
- Demonstrate the technique for performing the TranS1® AxiaLIF® 1L and TranS1® AxiaLIF® 2L procedures
- Demonstrate working knowledge and understanding of surgical anatomy
- Discuss knowledge of standard of care fusion principles, distraction and stabilization of the anterior lumbar column in open vs. minimally invasive techniques
- Develop strategies to avoid surgical complications

Registration Fee: \$400

Morning Session **8:00am-10:00am**
Endovascular Recanalization in Acute Ischemic Stroke
 Gregory A. Christoforidis, MD, Columbus, OH

Learning Objectives: After completing this educational activity, participants should be able to:

- Identify predisposing factors, comprehensive diagnosis and the medical and endovascular management of ischemic and hemorrhagic stroke
- Identify the demographics of ischemic and hemorrhagic stroke
- Recognize the causes of ischemic stroke secondary to cardiac disease, intracranial and extracranial atherosclerosis and dissection and provide endovascular management
- Discuss the latest techniques in endovascular recanalization in acute ischemic stroke management

Registration Fee: \$200

Morning Session **10:00am-Noon**
Minimally Invasive Spine - Sawbones Workshop
 Lucia Zamorano, MD, Bingham Farms, MI

Learning Objectives: After completing this educational activity, participants should be able to:

- Differentiate between the biomechanical properties of transfacet screws and pedicle screw constructs
- Identify clinical applications and indications for minimally invasive spine procedures
- Discuss and demonstrate the techniques presented

Registration Fee: \$200

Afternoon Session **12:30pm-4:30 pm**

Minimally Invasive Skull Base Techniques – Indications and Pearls
Mario Ammirati, MD, MBA, Columbus, OH

Learning Objectives: After completing this educational activity, participants should be able to:

- Describe the surgical anatomy of approaches to the skull base
- Demonstrate minimally invasive skull base techniques on cadaveric specimens
- Evaluate advantages/disadvantages of skull base techniques and minimally invasive approaches for specific pathologies and anatomical location
- Discuss minimizing morbidity of tumor resection in the skull base

Registration Fee: \$400

Afternoon Session **12:30pm-4:30 pm**

Neuroendoscopic Surgery of Third Ventricular Tumors; A 14 Year History of Case Reviews and Technical Pearls
Jaime Diegopérez Ramírez, MD, Mexico City, MX

Learning Objectives: After completing this educational activity, participants should be able to:

- Recognize indications for intracranial endoscopy
- Understand and apply intracranial endoscopic techniques as demonstrated on cadaveric specimens
- Develop strategies to avoid intracranial endoscopic complications

Registration Fee: \$400

Afternoon Session **12:30pm-4:30 pm**

Minimally Invasive Spine Surgery Including XLIF and TLIF
Fernando G Diaz, MD, PhD, Royal Oaks, MI

Learning Objectives: After completing this educational activity, participants should be able to:

- Discuss the surgical anatomy and indications for minimally invasive spine surgery, including XLIF and TLIF
- Cite the pros and cons of minimally invasive approaches
- Demonstrate the surgical anatomy using cadaveric specimens and surgical landmarks for placement of instrumentation
- Discuss techniques and pearls learned for avoiding complications

Registration Fee: \$400

Activities, Events & Honors

Alliance Walking Tour

Thursday, May 28, 10:00 am

From the place where the city was founded in 1642, to physical evidence of all periods, such as the French colony's winding paths or the first Canadian skyscraper, Old Montréal will take you on a historic tour of a great North American metropolis.

From Pointe-à-Callière to Place Jacques-Cartier, explore the birthplace of our metropolis. With simplicity and humour, your guide will lead you through a maze of streets and historic buildings. During this tour, you will see some of the public squares such as Place d'Armes and Place Royale. Also some important buildings and institutions: the three Courthouses, the Château Ramezay and the Bonsecours Market, as well as the interior of certain historical buildings like the world famous Notre-Dame Basilica (entrance fees applicable).

You will also be shown the Notre-Dame-du-Bon-Secours Chapel, the Montréal City Hall and some fabulous banks (The Bank of Montréal, the Royal Bank of Canada and more!) on the street that used to be known as the "Little Wall Street of Canada", Saint-Jacques Street.

You will discover the commercial Saint-Paul Street and the Cours Le Royer, foundation place of Montréal's first hospital: the Hôtel-Dieu. Be sure to see the oldest building of the historical district, the Sulpiciens Semenary. An introduction to the Old Port is also on the program.

Finally, the group will relax together at lunch in a Montreal restaurant. Lunch to follow is not included. Ticket price is \$20.00 per person

Gala Banquet

Thursday, May 28, 7:00 pm

We end our first day of CME with a banquet to Welcome our Fellows, Officers and Friends, to this the 41st North American Federation Congress. We cordially invite you to end the first day in style; dining and dancing the night away. **Black tie optional.**

Tickets should be ordered in advance. On-site tickets are extremely limited, and may not be available for order during the meeting. \$125 per person.

Montreal Casino Dinner & Show

Friday, May 29, 6:30 pm

We are pleased to announce a limited number of tickets have been secured for a dinner performance at the Montreal Casino.

Vénus; Four women. Four extraordinary lives. Four lovers of music in all its forms. Performances as powerful as they are talented. But more importantly, four high calibre performers with a single goal in mind: to entertain spectators with charm and vocal presence. By popular demand, Élizabeth Blouin-Brathwaite, Johanne Blouin, Patsy Gallant and Nancy Martinez have returned to the Cabaret du Casino de Montréal.

Tickets for the show are very limited, and **WILL NOT** be available onsite. please use the Meeting registration form to purchase your tickets. Ticket Price includes transportation, dinner and show. \$90 per person.

New Fellow Induction,

Presidential Recognition

& ICS Fellow Awards

Ceremony

Saturday, May 29, 6:00 pm

All attendees, families, friends and guests are cordially invited to attend this hallmark event of the 41st North American Federation Congress. Always a conference highlight, this formal ceremony, brimming with splendor and pageantry, will include the formal induction of our New Fellows. Current ICS-US President Dr. Wickii Vigneswaran will introduce Dr. Joseph A. Bachicha, as Section President for the term commencing January 1, 2010, and together with our International World President, Professor Christopher Chen, from Singapore, Dr. Vigneswaran will bestow the title of Honorary Fellow upon Dr. Tapas K. Das Gupta, finally we will take advantage of this gathering to honor Fellows of the College for their superior commitment to the section over the past year. A reception will follow the ceremony.

Registration/Accommodation/Transportation Information

General Meeting Information

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

Meeting-related fees must be paid in US funds. Company or cashier 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.

Meeting Registration

The Meeting Registration form is on page 22-23. 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.

To register for the meeting, please mail or fax your completed registration form with payment by April 30, to:

41st NAF Congress/33rd Annual Scientific Meeting
1516 North Lake Shore Drive
Chicago, Illinois 60610-1694
Fax (312) 787-9289

Cancellation Policy

The cancellation deadline is April 30, 2009. Refunds will be issued, minus a \$50 processing fee, upon receipt of written notification via fax or mail. Verbal or written cancellations after April 30, will not be honored. Please allow four to six weeks after the meeting for your refund.

New US Passport Rules

The U.S. State Department has new rules requiring that, all individuals traveling by sea or air from Canada, will require a passport or other accepted official form of identification to enter or re-enter the United States. Travelers entering or re-entering the United States from Canada via land border crossings will be required to present a passport or other accepted official form of identification.

Please refer to www.travel.state.gov or call the U.S. National Passport Information Center at 1-877-4USA-PPT (1-877-487-2778) for further details on these new passport requirements and information about obtaining or renewing passports.

Special Needs and Questions

If you have any special needs that must be addressed to ensure your comfort and or you require information not listed in this brochure, please contact Maggie Kearney, Meeting & Publications Coordinator, by phone: (312) 787-1662 or by e-mail: maggiiek@ameritech.net.

Hotel Information

Hotel Omni Mont-Royal
1050 rue Sherbrooke Ouest
Montreal Quebec Canada H3A 2R6
Phone: (514) 284-1110; Fax: (514) 845-3025

Guest Rooms

The following rates apply for this conference.

\$199 CDN equals \$154.47US Dollars
(as of 3/5/09)
single or double
Check-in 3:00 PM Check-out 1:00 PM

The deadline for making hotel reservations for the conference is April 30.

Reservation requests received after this date will be accepted on a space-and-rate-availability basis. All room reservations must be guaranteed with a major credit card at the time of reservation. To reserve your room contact the hotel at (514) 284-1110 and mention your reservation is part of the International College of Surgeons room block.

Guest Room Cancellations

Guest room cancellations must be made by 3:00 PM, 24 hours prior to arrival. If a reservation is not cancelled in time, your credit card will be charged an amount equal to the cost of one night's room and tax.

Ground Transportation

A taxi from the Montréal-Pierre Elliott Trudeau International Airport to the Hotel Omni Mont-Royal costs \$38 CDN each way.

Attire

Business casual attire is recommended in educational sessions. Casual attire is appropriate for most social events. Evening attire is recommended for the Convocation and New Fellows Reception. Black tie is optional for the Gala Banquet.

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CORPUS CHRISTI, TX

*41st North American Federation Congress ❖ International College of Surgeons
33rd Annual Scientific Meeting ❖ American Academy of Neurological & Orthopaedic Surgeons*

Attendee/Speaker Registration Information

Check here if you are an ICS Fellow AANOS

Name _____

MD DO RN Other: _____

Address _____

City _____ State _____ Zip _____

Country _____

Phone _____ Fax _____

E-mail _____ Specialty _____

General Registration

Select a registration option below, everyone must register for the meeting. Each registration includes daily luncheon tickets

	Until 4/30/09	After 4/30/09
ICS or AANOS Fellow	\$400 <input type="checkbox"/>	\$500 <input type="checkbox"/>
Junior ICS Fellow	No Charge <input type="checkbox"/>	\$50 <input type="checkbox"/>
Non-member	\$500 <input type="checkbox"/>	\$600 <input type="checkbox"/>
Medical Students	\$50 <input type="checkbox"/>	\$75 <input type="checkbox"/>
Resident or Nurse	\$100 <input type="checkbox"/>	\$125 <input type="checkbox"/>

Total Due for Meeting: Registration \$ _____

Spouse or Guest Supplement Registration

A discounted registration rate is available for spouses and guests that includes tickets to all three lunches. This category is not appropriate for physicians who will attend CME Sessions; those persons need to register as an attendee above. **Tickets for tour and dinner will still need to be purchased separately.**

Name _____

City _____ State _____ Country _____

Spouse Supplement: \$100 (includes tickets to each lunch Thursday - Saturday) **Quantity: _____ x \$100** **Total \$ _____**

Lunch and Social Event Tickets

Please note: All paid registrants automatically receive one ticket for each lunch. We do ask that you indicate if you will attend each lunch, so that accurate plans are made. However, please only purchase additional tickets for guests. Everyone must purchase a ticket to attend Social Events such as the Welcome Gala Banquet or other offerings.

Event	Registrant Will Attend	Guest Ticket:	
Thursday Lunch	<input type="checkbox"/>	Quantity: _____ x \$45	Total \$ _____
Friday Lunch,	<input type="checkbox"/>	Quantity: _____ x \$45	Total \$ _____
Saturday Lunch	<input type="checkbox"/>	Quantity: _____ x \$45	Total \$ _____
Alliance Walking Tour	Ticketed event for EVERYONE	Quantity: _____ x \$20	Total \$ _____
Welcome Gala Banquet	Ticketed event for EVERYONE	Quantity: _____ x \$125	Total \$ _____
Montreal Casino Dinner & Show	Ticketed event for EVERYONE	Quantity: _____ x \$90	Total \$ _____

Total Due for Social Event Tickets \$ _____

Please Be sure to Fax/Mail Both Registration Pages

Name _____
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