



Charles Sorbie Department of Surgery Research Day
A Department of Surgery CME Event

Friday, April 8th, 2011

At the Radisson Hotel Kingston Harbourfront
1 Johnson Street – St. Laurent and Sydenham rooms (5th Floor)
Kingston, ON K7L 5H7
613-549-8100

OBJECTIVES:

This program will provide participants with an opportunity to enhance surgical research by familiarizing themselves with the research activities of others within the Department of Surgery at Queen's University. This will also provide research mentorship for our surgical residents. Guest speakers will review the role of research in surgical education and the influence on industry.

PLANNING COMMITTEE:

Dr. Peter Brown, Vascular Surgeon, Chair of Planning Committee
Dr. John Rudan, Orthopedic Surgeon, Head, Department of Surgery
Dr. Ryan Bicknell, Research Coordinator for Orthopedic Surgery
Dr. Sulaiman Nanji, Research Coordinator for General Surgery

AGENDA:

A.M. Moderator – Dr. Peter Brown

- 7:30 Registration and Continental Breakfast**
- 8:00 INTRODUCTIONS & WELCOME**
Dr. John Rudan, Chair, Department of Surgery
- 8:10 INVITED SPEAKER**
Stem Cells and Scaffolds
Dr. Kim Woodhouse – Dean, Applied Sciences, Queen's University
- 8:50 The Development of a Competency-based OSCE: Bridging the Undergraduate/Postgraduate Divide**
L. Davidson
- 9: 05 Volumetric Imaging, Registration and Calibration for Navigated Percutaneous Scaphoid Fixation**
D. Pichora
- 9:20 Measuring Cranial Vault Volume with Three-Dimensional Photography: a Method of Measurement Comparable to the Gold Standard**
D. McKay
- 9:35 Locking Compression Plates for Treatment of Peri-Prosthetic Fractures Around Well Fixed Total Hip and Knee Implants**
G. Wood

9:50 BREAK

10:05 Helmet Concussion Protection and CSA Approval

F. Saunders

10:20 Non-operative Treatment of PIPJ Flexion Contractures Associated with Dupuytren's Disease

J. Davidson

10:35 Effect of a Medically Supervised Weight Loss Program for Morbidly Obese Women with Severe Knee Osteoarthritis

M. Harrison

10:50 Transcatheter Aortic Valve Implantation: The Quebec Heart and Lung Institute Experience

D. Payne

11:05 Methodologies of Evaluating Applicants for Admissions to the School of Medicine

H. MacDonald

11:20 Image-Guided Surgical Techniques for Cartilage Repair – An Animal Trial

J. Rudan

11:35 Wait Times for Cancer Treatment in Ontario

P. Belliveau

12:00 LUNCH

P.M. Moderator – Dr. John Rudan

13:00 GUEST SPEAKER

Using Eye Movements to Probe Brain Function and Dysfunction

Dr. Doug Munoz, Director, Centre for Neuroscience Studies

13:40 Mapping Spinal Cord Sensory Function in Patients After Spinal Cord Injury and Normal Controls by Means of fMRI.

R. Pokrupa

13:55 Effect of Loading Direction on Force to Dislocation in Reverse Shoulder Arthroplasty: Assessment using a Custom-Designed Shoulder Kinematic Simulator

R. Bicknell

14:10 Can Psychological factors predict adherence to weight loss for morbidly obese women with severe knee osteoarthritis?

M. Harrison

14:25 BREAK

14:45 Biomechanically Constrained Groupwise Ultrasound to CT Registration of the Lumbar Spine

D. Borschneck

15:00 Is the 5.5 – 5.9 cm AAA in men really a dangerous aneurysm?

D. Zelt

15:15 Up Front Hepatic Resection For Metastatic Colorectal Cancer Results in Favorable Long-Term Survival

S. Nanji

This event is an Accredited Group Learning Activity (section 1) as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada, approved by Canadian Association of General Surgeons.

15:30 Factors Associated with Walking Performance in Claudicants

P. Brown

15:45 Summary & Wrap up

- Review of Objectives

- Evaluation Forms

16:00 End

REGISTRATION PAYMENT

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A payment of \$150 for each Department member will be processed internally by the Department of Surgery.