



OTA 2011 GRANT AWARDS (grant cycle: 1/1/2011 – 12/31/2011)

Directed Topic Clinical Study (up to \$50,000/year, 3-year funding cycle)

(Surgical Infection Prevention and Treatment)

Title: Qualification and Susceptibilities of Microbial Flora in Open Fractures

PI: Samir Mehta, MD

Co-PI: Paul Matuszewski, MD

Requested Funds: \$80,000

Clinical Grant Applications (up to \$40,000/year, 2 year grant cycle)

Title: A Multicentre, Randomized Trial of Simple Decompression Versus Anterior Transposition of the Ulnar Nerve for Acute, Displaced Fractures of the Distal Humerus Treated With Plate Fixation

PI: Emil Schemitsch, MD, FRCSC

Co-PI: Michael McKee, MD, FRCSC

Requested Funds: \$78,630

Title: A Multicentre, Randomized Trial of Conservative Treatment Versus Operative Plate Fixation for Acute, displaced Fractures of the Distal Clavicle

PI: Jeremy Hall, MD, FRCSC

Co-PI: Michael McKee, MD, FRCSC

Requested Funds: \$80,000

Title: Randomized Clinical Trial of Suprapatellar Versus Infrapatellar Tibial Nailing

PI: Roy Sanders

Co-PI: None Listed

Requested Funds: \$38,680

Basic Research Grants (up to \$25,000, 1 year grant cycle)

Title: The Use of Implantable Radio-Frequency Micromachined Capacitive Sensor Chips to Monitor Compartment Pressures in the Lower Limb

PI: Edward Harvey, MD, MSc

Co-PI: Vamsy Chodavarapu, PhD

Requested Funds: \$18,517.50

Title: Forceps Reduction of the Syndesmosis in Rotational Ankle Fractures: A Cadaveric Study and Prospective Case Series

PI: Phinit Phisitkul, MD
Co-PI: Larry Marsh, MD
Requested Funds: \$25,000

Title: Effect of BMP-2 and MP-7 on Articular Cartilage Following Impact Load
PI: Paul Chin, MD, PhD
Co-PI: Joseph Borelli, Jr., MD
Requested Funds: \$25,000

Title: The Effect of Late Type Endothelial Progenitor Cells on Augmentation of Angiogenesis and Osteogenesis in a Segmental Bone Defect Model
PI: Ru Li, PhD
Co-PI: Emil Schemitsch, MD
Requested Funds: \$25,000

TOTAL AWARDS: \$370,827.50