University of Toronto
Department of Anesthesia
Annual Report
Women’s College Hospital
Department of Anesthesia
For the period July 1, 2008 to June 30, 2009

1. General Information:

Dr. P. Angle:
• Assistant Professor, Anesthesiology
• BSc, MD, FRCPC, Diplomat ABA, MSc (clin epi)
• Active Staff Women’s College Hospital and Sunnybrook Health Sciences Centre
• Associate Scientist, Sunnybrook Research Institute
• Director, Obstetrical Anesthesia Research Unit (OARU), Sunnybrook Research Institute, 2008 to present

Dr. V. Chinnappa:
• Assistant Professor, Anesthesiology
• MBBS, MD, FCARCSI.
• Active Staff Women’s College Hospital and Sunnybrook Health Sciences Centre

Dr. D. Djordjevic:
• Assistant Professor, University of Toronto
• MD, FRCPC
• Active Staff, Women’s College Hospital and Sunnybrook Health Sciences Centre

Dr. M. Davallou:
• Assistant Professor, University of Toronto
• MD, FRCPC
• Active Staff, Women’s College Hospital and Sunnybrook Health Sciences Centre

Dr. S. Halpern:
• Professor of Anaesthesia
• MD M Sc, FRCPC
• Associate Professor, Obstetrics and Gynaecology
• Division Head, Obstetrical Anesthesia, Sunnybrook Health Sciences Centre
• Active Staff Women’s College Hospital and Sunnybrook Health Sciences Centre

Dr. K. Hussain:
• Assistant Professor, University of Toronto
• MB BS FFARCSI, FRCPC
• Active Staff, Women’s College Hospital and Sunnybrook Health Sciences Centre

Dr. J. Kronberg:
• Associate Professor, Anaesthesia, University of Toronto
• PhD, MD, CCFP, FRCP(C), DABA
• Chief, Department of Anaesthesia, Women’s College Hospital
• Active Staff Sunnybrook Health Sciences Centre

Dr. Andrew McNaught:
2. Current Research Interests:

**Dr. P. Angle:**
- Patient Safety: Knowledge Generation and prevention of post Dural Puncture Headache after Regional Anesthesia
- Building a foundation for Evidence-based assessment of Labour Pain/Pain Relief for use in clinical trials
- Examining Ontario Provincial Health Services Capacity in Contributions and Direction of Research Program
- Improving Post Cesarean Pain Relief

**Dr. V. Chinnappa:**
- Dexamethasone as an analgesic in abdominal hysterectomy
- Horner syndrome after epidural anesthesia
- Efficacy of low dose promethazine for postoperative nausea and vomiting

**Dr. M. Davallou:**
- Assisting Dr. P. Angle in the Post dural puncture headache clinical trial

**Dr. S. Halpern:**
- Labour Analgesia
- Patient Safety
- Ultrasound for neuraxial blocks

**Dr. K. Hussain:**
- Analgesia for breast reconstructive surgery on out-patient basis
- Diagnostic plan for postpartum nerve injuries
Dr. J. Kronberg:
- Best practices for Ambulatory Anesthesia
- Collaboration with Obstetrical Anesthesia research

Dr. A. McNaught:
- Interscalene Brachial Plexus Block
- Intra-articular analgesia for shoulder surgery
- Abdominal nerve blockade for gynaecological laparoscopic surgery

Dr. A. Morgan:
- Was on sabbatical leave August 1, 2008 to July 31, 2009.
- Further develop knowledge and skills in chronic pain management

Dr. P. Morgan:
- Patient safety
- Team training using simulation
- Human factors and patient safety
- Surgical safety checklist

Dr. M. Srebrnjak:
- Developing a clinical study investigating the efficacy of rectus sheath blocks for postoperative pain relief following laparoscopy.

3. Chairs, Honors and Awards

Dr. P. Angle:
- Merit Award (funded research time, $40,000CN/yr for 2yrs), Department of Anesthesia, University of Toronto (2009-2011)
- Recipient: Leadership Initiative Scholarship, Ontario’s Anesthesiologists / Fresenius Kabi, (May, 2009-2010)
- Member, Maternal Newborn Advisory Council, Provincial Council for Child Health, Senior Advisory Body to the Ontario Ministry of Health and Long Term Care, Discipline: Obstetrical Anesthesia (2008 to present)

Dr. K. Hussain:
- Chair of CME accredited rounds committee

Dr. P. Morgan:
- Chair, Patient Safety Committee, Canadian Anesthesiologists’ Society
- Past Chair, Obstetrics Section, Canadian Anesthesiologists’ Society

4. Invited Lectures 2008-2009 – author(s), event, location, title of lecture, and date(s)

Dr. P. Angle:
• Key Issues and Barriers to Maternity Anesthesia Care in Ontario. Sunnybrook Health Services Sciences Symposium, Sunnybrook Health Sciences Center, Toronto, Canada. October 23, 2008
• Emergency Airway and Cricothyroidotomy Session. 2nd Annual Obstetric Anesthesia Day, Toronto Anesthesia Practice Meeting, Women’s College Hospital, University of Toronto, Toronto, Ontario, Canada, November 28, 2008
• The Case of the Parturient with the Labor Epidural from Hell. 2nd Annual Obstetric Anesthesia Day, Toronto Anesthesia Practice Meeting, Women’s College Hospital, University of Toronto, Toronto, Ontario, Canada, November 28, 2008
• Opening the Windows on Maternity Anesthesia Care. CAPPA Canada Conference, Childbirth and Postpartum Professional Association, Scarborough Civic Center. Toronto, Ontario, Canada, November, 14, 2008
• A Choice Between Stroke and Cardiac Arrest – Severe Bradycardia and Hypotension after Spinal Anesthesia in a Hypertensive Patient. 3rd Annual Obstetric Anesthesia Day, Toronto Anesthesia Practice Meeting, Women’s College Hospital, University of Toronto, Toronto, Ontario, Canada, November 28, 2008
• Regional Anesthesia and the Tattooed Mama. 4th Annual Obstetric Anesthesia Day, Toronto Anesthesia Practice Meeting, Women’s College Hospital, University of Toronto, Toronto, Ontario, Canada November 27, 2009
• Myths and Truths About Epidural Analgesia. College of Family Physician’s Meeting, Toronto Ontario Canada November 28, 2009

Dr. V. Chinnappa:
• Annual meeting of Ontario Dental Anesthesia Society
Marriott Hotel, Toronto, October 2008
Post operative Nausea & Vomiting after ambulatory surgery
Update in Ambulatory anesthesia
• Anesthesia Assistant Certificate Program
The Michener Institute for Applied Health Sciences’, Toronto, Ontario, April 2008
  o Consideration in Ambulatory Anesthesia
  o Discharge criteria after ambulatory surgery
  o Obstructive sleep apnea

Dr. M. Davallou:
• Obstetric Anesthesia workshop, Women’s College hospital,
  Neurological complications after regional Anesthesia, November 2008

Dr. S. Halpern:
• Author: Stephen Halpern
Labour analgesia—Analgesia and labour outcome, an EBM approach. Euroanesthesia 2009 June 7, Milan Italy.
• Pro-Con Debate. The time has come to abandon the epidural test dose for labor. Pro. 21st International Congress of the Israel Society of Anesthesiologists. Dan Panorama Hotel. Tel Aviv Israel. Sept 16, 2008

Dr. A. McNaught:
• Invited to assist in workshops teaching ultrasound skills at the University of Toronto Regional Anesthesia and Pain Medicine Conference. September 2008
• Invited to lecture at the Holland Orthopedic and Arthritic centre annual symposium. The symposium was entitled ‘Optimizing Functional Outcome Following Total Knee Replacement’ and I chaired a problem based learning discussion on ‘The Side effects/complications of regional anesthesia and how to avoid them.’ October 2008

Dr. P. Morgan:

5. Visiting Professorships in 2008-2009 – list name, department and institution, and the date(s) of the visit)


Peer-Reviewed Publications

Dr. P. Angle:

Dr. V. Chinnappa:

Dr. S. Halpern:


Dr. P. Morgan:

b) Non peer-reviewed publications:

Dr. A. McNaught:
• McNaught A and McCartney C. Bupivacaine Chondrotoxicity. British Journal of Anaesthesia: 2009 Jul;103(1):133; author reply 133-4

c) Books and Chapters in Books

Dr. P. Angle:


Dr. V. Chinnappa:
• **Chinnappa V**, Chung F. Book Title: Evidence Based Practice of Anesthesiology Chapter: What criteria should be used for discharge after outpatient surgery? Publisher: Saunders Elsevier, Philadelphia, 2009

Dr. S. Halpern:

d) Abstracts

Dr. S. Halpern:

• Stocche R, Banerjee A, **Halpern S**. Preload or co-load for spinal anesthesia for cesarean section. SOAP 2009;A121 (poster).

Dr. P. Morgan

e) Peer and non-peer reviewed Grants

Dr. P. Angle:
• Angle P†, Halpern SH§, Kronberg J§, Gawel M §, Kiss A. ‡, RA Gordon Patient Safety Award, Canadian Anesthesiologists Society, $40,000CN, 2007-2008. Principal Investigator † Project Title: Multi-centered Randomized Controlled Trial Examining the Effect of Small vs Large Tuohy-type Epidural Needles on the Incidence and Severity of Post Dural Puncture Headache. Principal Author† Collaborator§ CoPrincipal Author‡, 90% role in project.

Dr. S. Halpern:

Dr. A. McNaught:
• PSI grant awarded to support the up-down sequential dosing trial, in which I am the second author, performing the majority of the interventions and a large part of the administrative work. Amount: $19,000. Date: Dec 2008.

Dr. P. Morgan:

PEER-REVIEWED

• Morgan PJ, Kronberg J, Semple J. Alternate Funding Plan Innovation Fund, $30,000.00 May 2009 Project Title: Patient Safety: Introduction of the Surgical Safety Checklist and Patient Outcome Assessment in an Academic Ambulatory Hospital
NON PEER REVIEWED (Dr. P. Morgan con’t.)

  March 2009
  Project Title: Train-the Trainer Curricula: Program Managers & Simulation Technicians.

7. Graduate Students Supervised/Committee membership

**Dr. P. Angle:**
- CME committee member, UofT, Department of Anesthesia
- Secretary, Obstetrical Anesthesia Section, Canadian Anesthesiologists’ Society, 2008 to present
- Department of Anesthesia Rounds Committee, Women’s College Hospital, UofT, 2008 to present
- Coordinator and/or Co-Coordinator, Toronto Anesthetic Practice Meeting, Continuing Education Committee, UofT
- Founder and Coordinator: Annual Obstetric Anesthesia Meeting/Workshop Day, Toronto Anesthetic Practice Meeting, Continuing Medical Education Committee, Department of Anesthesia, UofT, 2006 to present
- Supervisor for fellow: Dr. Arnab Banerjee.

**Dr. D. Djordjevic:**
- Under Graduate Education Committee, UofT, Department of Anesthesia.

**Dr. S. Halpern:**
- Clinical and Research supervisor:
  - Arnab Banerjee MD—Fellow in Obstetrical Anesthesia
  - Renato Stocchee MD—Fellow in Obstetrical Anesthesia

**Dr. J Kronberg:**
- Department Council, UofT, Department of Anesthesia

**Dr. P. Morgan:**
- Committee Membership:
  - Chair, Patient Safety Committee, Canadian Anesthesiologists’ Society
  - Chair, Obstetrics Section Committee, Canadian Anesthesiologists’ Society

**Other:**
The establishment of the Evelyn Bateman Professorship in Ambulatory Anesthesia and Women’s Health, in conjunction with the University of Toronto, Department of Anesthesia. (Evelyn Bateman Professorship in Obstetrical Anesthesia renamed)