

A close-up photograph of a surgical instrument, possibly a laparoscopic grasper, with a blue handle and a silver metal head. The instrument is positioned in the lower-left quadrant of the frame. The background is a bright, out-of-focus blue field, suggesting a surgical environment. The overall image has a clean, professional aesthetic.

3rd ANNUAL COMPREHENSIVE WORKSHOP ON
**MINIMALLY INVASIVE
GYNAECOLOGY FOR
RESIDENTS AND FELLOWS**

**DECEMBER 3 & 4, 2014
HILTON TORONTO**

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STORZ
KARL STORZ—ENDOSKOPE

WELCOME!

On behalf of the Association of Academic Professionals in Obstetrics and Gynaecology (APOG), I would like to welcome you to the Third Annual Essentials in Endoscopic Surgery Course. This course is for you! Residents and Fellows in Ob/Gyn across Canada have asked for a program like this one for years.

The goal of our program is to offer residents & fellows an opportunity to access surgical training in laparoscopy and hysteroscopy. It will be a combination of didactic sessions and a hands-on “dry-lab”.

While we hope to provide you with a good basis in endoscopic surgical principles, this course is just the beginning. Take the time to think about your own career path, your interests and goals. Take the time to connect with the faculty and industry to learn more about what is available to help you and ultimately your patients with respect to MIS surgical opportunities and techniques.

I really hope you enjoy your time in this program and we hope to take your feedback and improve for upcoming years.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sukhbir Sony Singh'.

Sukhbir Sony Singh, MD, FRCSC

Associate Professor

Fellowship Director, AAGL Fellowship in Minimally Invasive Gynaecology

Department of Obstetrics and Gynaecology

University of Ottawa/The Ottawa Hospital

FACULTY

1. Krisztina Bajzak MD, FRCSC
Memorial University
2. Ramadan El Sugy, MD, FRCSC
William Osler Health System
3. Dr. Donna Fedorkow
McMaster University
4. Heinrich Husslein MD, FRCSC (Fellow)
St. Michael's Hospital, Toronto
5. Jamie Kroft MD, FRCSC
Sunnybrook Health Sciences Centre
University of Toronto
6. Andre LaRoche MD FRCSC
McMaster University
7. Fady Mansour MD, FRCSC
McGill University
8. Ally Murji MD MPH FRCSC
University of Toronto
9. Steve Parsons MD, FRCSC
Memorial University
10. Leslie Po MD, FRCSC (Fellow)
Sunnybrook Health Sciences Centre, Toronto
11. Chandrew Rajakumar MD, FRCSC (Fellow)
University of Ottawa
- 12.** Abheha Satkunaratnam MD, FRCSC
University of Toronto
13. Sukhbir Sony Singh, MD, FRCSC
University of Ottawa/The Ottawa Hospital
14. Sari Kives MD, FRCSC
St. Michael's Hospital, Toronto

PROGRAM

DAY 1: PRINCIPALS OF ENDOSCOPIC SURGERY

WEDNESDAY, DECEMBER 3, 2013

6:00-7:00	BREAKFAST	Osgoode Room -3 rd Floor
6:00-7:00	REGISTRATION	Governor General Parlour – Mezzanine Level
7:15-7:30	WELCOME AND INTRODUCTION	Governor General Room – Mezzanine Level
7:30-8:00	ESSENTIAL ANATOMY FOR LAPAROSCOPY Speaker: Dr. Abheha Satkunaratnam Objectives: <ul style="list-style-type: none">▪ Review Key Anatomic Areas as it pertains to Gynecologic Laparoscopy.▪ These include:<ul style="list-style-type: none">○ Anterior Abdominal Wall○ Ureter○ Avascular Extraperitoneal Spaces○ Pelvic Sidewall	Governor General Room – Mezzanine Level
8:00-8:20	LAPAROSCOPIC ACCESS Speaker: Dr. Leslie Po Objectives: <ul style="list-style-type: none">▪ Review current options for laparoscopic entry techniques and technologies.▪ Examine evidence behind different entry techniques and technologies.▪ Propose best practice techniques from available evidence.	Governor General Room – Mezzanine Level

<p>8:20-8:50</p>	<p>ELECTROSURGERY FOR LAPAROSCOPY</p> <p>Speaker: Dr. Chandrew Rajakumar</p> <p>Objectives:</p> <ul style="list-style-type: none"> ▪ Describe basic electrosurgical principles and how they apply to minimally invasive gynaecology. ▪ Learn to manipulate the varying and desired tissue responses based on known electrosurgical concepts. ▪ Reduce the possibility of electrosurgical injuries during laparoscopy and hysteroscopy. 	<p>Governor General Room – Mezzanine Level</p>
<p>8:50-9:10</p>	<p>INTRODUCTION & SET UP FOR SUCCESS IN THE OR</p> <p>Speaker: Dr. Sony Singh</p> <p>Objectives:</p> <ul style="list-style-type: none"> ▪ To provide a basic ergonomic approach to operating room set up for endoscopic procedures. ▪ To provide a basic outline for various port placement options for laparoscopy. ▪ To outline the criteria for success in endoscopic surgery. 	<p>Governor General Room – Mezzanine Level</p>
<p>9:10-9:40</p>	<p>LAPAROSCOPIC TREATMENT FOR ENDOMETRIOSIS</p> <p>Speaker: Dr. Jamie Kroft</p> <p>Objectives:</p> <ul style="list-style-type: none"> ▪ To discuss the pros and cons of resection versus ablation of endometriosis ▪ To review and highlight tips and tricks for a more successful cystectomy of an ovarian endometrioma ▪ To discuss the surgical management of deep infiltrating endometriosis 	<p>Governor General Room – Mezzanine Level</p>
<p>9:40-10:00</p>	<p>QUESTIONS AND ANSWERS AND REFRESHMENT BREAK</p>	

<p>10:00-10:30</p>	<p>LAPAROSCOPIC HYSTERECTOMY</p> <p>Speaker: Dr. Fady Mansour</p> <p>Objectives:</p> <ul style="list-style-type: none"> ▪ Review the methods for hysterectomy and current trends ▪ Discuss the concept of technicity rate as a quality improvement indicator 	<p>Governor General Room – Mezzanine Level</p>
<p>10:30-10:50</p>	<p>VAGINAL HYSTERECTOMY</p> <p>Speaker: Dr. Ramadan El Sugy</p> <p>Objectives:</p> <ul style="list-style-type: none"> ▪ To identify the indications/contraindications and complications for the vaginal hysterectomy approach. ▪ To outline the approach to a standard vaginal hysterectomy. ▪ To outline vault closure options including vault support 	<p>Governor General Room – Mezzanine Level</p>
<p>10:50-11:15</p>	<p>MORCELLATION 2014 UPDATE</p> <p>Speaker: Dr. Ally Murji</p> <p>Objectives:</p> <ul style="list-style-type: none"> ▪ Discuss the risks of intra-corporeal morcellation ▪ Evaluate the available evidence related to electromechanical morcellation ▪ Identify risk reduction strategies and alternatives for laparoscopic electromechanical morcellation 	<p>Governor General Room – Mezzanine Level</p>
<p>11:15-11:30</p>	<p>PESSARIES : PLACEMENT AND CARE</p> <p>Speaker: Dr. Donna Fedorkow</p> <p>Objectives:</p> <ul style="list-style-type: none"> ▪ Review the indications for pessary use ▪ Outline the principles of pessary choice 	<p>Governor General Room – Mezzanine Level</p>
<p>11:30-11:45</p>	<p>ENDOMETRIAL BIOPSY: TIPS AND TRICKS</p> <p>Speaker: Dr. Donna Fedorkow</p> <p>Objectives:</p> <ul style="list-style-type: none"> ▪ Review the indications for endometrial biopsy ▪ Explore strategies for dealing with the uncooperative cervical os ▪ Review techniques for optimal sampling 	<p>Governor General Room – Mezzanine Level</p>

11:45 -13:00	LUNCHEON (1-2 Faculty members will be assigned to each table)	Osgoode Room – 3 rd Floor
13:00-13:30	HYSTEROSCOPY BASICS AND FLUID MANAGEMENT PRINCIPLES Speaker: Dr. Steve Parsons Objectives: <ul style="list-style-type: none"> ▪ Cover basic instrumentation necessary to assemble and operate a hysteroscope ▪ Understand the concepts and concerns regarding uterine cavity visualization including uterine access and distention media 	Governor General Room – Mezzanine Level
13:30-13:45	OPERATIVE HYSTEROSCOPY Speaker: Dr. Steve Parsons Objectives: <ul style="list-style-type: none"> ▪ Understand how to use various energy modalities in operative hysteroscopy. ▪ Visualize different hysteroscopic procedures including polypectomy, ablation and tubal sterilization. 	Governor General Room – Mezzanine Level
13:45-14:00	QUESTIONS AND ANSWERS AND REFRESHMENT BREAK	
14:00-14:15	INTRODUCTION AND GROUP ASSIGNMENTS	
14:15-17:00	LAB AND VIDEO ROTATIONS – SUTURING, HYSTEROSCOPY, ENERGY AND MORCELLATION	

GROUP A (14:15h to 1700h) –YORK ROOM, MAIN LEVEL

STATION 1

Demonstrator: Dr. Jamie Kroft

Sponsor: Ethicon Endosurgery, Johnson & Johnson

Objectives:

- To demonstrate traditional and alternative energy sources for MIS procedures
- To demonstrate hysteroscopy under Direct visualization with bipolar energy using saline
- To practice common technical procedures used in gynaecology.

STATION 2

Demonstrator: Dr. Steve Parsons

Sponsor: Provincial Medical/Bayer

Objectives:

- To demonstrate hysteroscopic sterilization technique
- To practice Progesterin IUS insertion

STATION 3

Demonstrator: Dr. Abheha Satkunaratham

Sponsor: Hologic

Objectives:

- To demonstrate traditional and alternative energy sources for MIS procedures
- To demonstrate tissue extraction techniques and devices.
- To review the components of an endoscopy tower including light source and camera.
- To practice common technical procedures used in gynaecology

STATION 4

Demonstrator: Dr. Donna Fedorkow

Sponsor: Cooper Surgical

Objectives:

- To demonstrate techniques for pessary fitting.
- To demonstrate the rationale behind particular pessaries.
- To explore innovative pessary placements.
- To demonstrate endometrial biopsy

STATION 5

Demonstrator: Dr. Ally Murji

Sponsor: Olympus

Objectives:

- To demonstrate traditional and alternative energy sources for MIS procedures
- To demonstrate tissue extraction techniques and devices.
- To review the components of an endoscopy tower including light source and camera.
- To practice common technical procedures used in gynaecology.

STATION 6

Demonstrator: Dr. Ramadan El Sugy

Sponsor: Karl Storz

Objectives:

- To demonstrate traditional and alternative energy sources for MIS procedures
- To demonstrate tissue extraction techniques and devices.
- To review the components of an endoscopy tower including light source and camera.
- To practice common technical procedures used in gynaecology.

GROUP B

14:00-17:15	SUTURING Speaker: Dr. Krisztina Bajzak Co facilitators: <ul style="list-style-type: none">- Dr. Heinrich Husslein (Fellow St. Michael's)- Dr. Chandrew Rajakumar (Fellow Ottawa)- Dr. Leslie Po (Fellow Sunnybrook)- Dr. Fady Mansour Sponsor: Ethicon/Storz Objectives: <ul style="list-style-type: none">▪ Become familiar with the equipment necessary for laparoscopic suturing.▪ Learn how to introduce into and remove needle and suture from the abdomen through laparoscopic ports.▪ Learn a reliable, reproducible technique for loading and driving needle.	Simcoe Room – Main Floor
17:15	ADJOURN	
17:15 -6:30	NETWORKING WINE AND CHEESE	Governor General Parlour – Mezzanine Level

DAY 2: ADVANCED ENDOSCOPIC & HANDS-ON LABORATORY

THURSDAY, DECEMBER 4, 2014

6:30-7:30	BREAKFAST	Osgoode Room – 3 rd Floor
7:30-8:10	MIS FOR THE PEDIATRIC PATIENT Speaker: Dr. Sari Kives Objectives: <ul style="list-style-type: none">▪ Identify common conditions that require Laparoscopic Intervention in the PAG population▪ Identify the important considerations for the pediatric patient requiring surgery	Governor General Room – Mezzanine Level
8:10-8:30	LAPAROSCOPIC COMPLICATIONS Speaker: Dr. Andre LaRoche Objectives: <ul style="list-style-type: none">▪ Identify both common and uncommon sites of surgical misadventure.▪ Recognize injuries at time of surgery and minimize risk of unrecognized injuries.▪ Describe basic surgical repairs of complications that occur during and after laparoscopy and hysteroscopy.	Governor General Room – Mezzanine Level
8:30-9:00	QUESTIONS AND ANSWERS AND VIDEOS	
9:00-12:30	LAB AND VIDEO ROTATIONS – SUTURING, HYSTEROSCOPY, ENERGY AND MORCELLATION (REFRESHMENT BREAK WILL BE SERVED AT 10:30)	

GROUP A

9:00-12:30

SUTURING

Simcoe Room – Main Level

- **Speaker:** Dr. Krisztina Bajzak

Co facilitators:

- Dr. Heinrich Husslein (Fellow St. Michael's)
- Dr. Chandrew Rajakumar (Fellow Ottawa)
- Dr. Leslie Po (Fellow Sunnybrook)
- Dr. Fady Mansour
- Dr. Jamie Kroft
- Dr. Sari Kives (day 2 only)

Sponsor: Ethicon and Storz

Objectives:

- Become familiar with the equipment necessary for laparoscopic suturing.
- Learn how to introduce into and remove needle and suture from the abdomen through laparoscopic ports.
- Learn a reliable, reproducible technique for loading and driving needle.

GROUP B (9:00 -12:30) – YORK ROOM –MAIN LEVEL

STATION 1

Demonstrator: Dr. Andre LaRoche

Sponsor: Ethicon Endosurgery, Johnson & Johnson

Objectives:

- To demonstrate traditional and alternative energy sources for MIS procedures
- To demonstrate hysteroscopy under Direct visualization with bipolar energy using saline
- To practice common technical procedures used in gynaecology.

STATION 2

Demonstrator: Dr. Steve Parsons

Sponsor: Provincial Medical/Bayer

Objectives:

- To demonstrate hysteroscopic sterilization technique
- To practice Progestin IUS insertion

STATION 3

Demonstrator: Dr. Abheha Satkunaratnam

Sponsor: Hologic

Objectives:

- To demonstrate non resectoscopic endometrial ablation techniques
- To practice hysteroscopic extraction technique using a hysteroscopic morcellator

STATION 4

Demonstrator: Dr. Donna Fedorkow

Sponsor: Cooper Surgical

Objectives:

- To demonstrate techniques for pessary fitting.
- To demonstrate the rationale behind particular pessaries.
- To explore innovative pessary placements.
- To demonstrate endometrial biopsy

	<p>STATION 5</p> <p>Demonstrator: Dr. Ally Murji</p> <p>Sponsor: Olympus</p> <p>Objectives:</p> <ul style="list-style-type: none"> ▪ To demonstrate traditional and alternative energy sources for MIS procedures ▪ To demonstrate tissue extraction techniques and devices. ▪ To review the components of an endoscopy tower including light source and camera. ▪ To practice common technical procedures used in gynaecology. 	
	<p>STATION 6</p> <p>Demonstrator: Dr. Ramadan El Sugy</p> <p>Sponsor: Karl Storz</p> <p>Objectives:</p> <ul style="list-style-type: none"> ▪ To demonstrate traditional and alternative energy sources for MIS procedures ▪ To demonstrate tissue extraction techniques and devices. ▪ To review the components of an endoscopy tower including light source and camera. ▪ To practice common technical procedures used in gynaecology. 	
<p>12:30-13:00</p>	<p>TAKE HOME MESSAGES AND CLINICAL PEARLS</p>	<p>Governor General Room – Mezzanine Level</p>
<p>13:00</p>	<p>ADJOURN</p>	