



CanSAGE ECEP Advanced Gynecologic Ultrasound Course

Date: September 30th, 2026

Venue: Centre de recherche CHU de Québec, 2705 Boulevard Laurier,
Local T3-67, Québec City, G1V 4G2

Program Director:

Dr Mathew Leonardi, MD, PhD, FRCSC, Gynecologic Surgeon Sonologist, Hamilton Health Sciences; Associate Professor, McMaster University; Honorary Adjunct Lecturer, Robinson Research Institute, University of Adelaide, Australia; Director, SUGO – Specialized Ultrasound in Gynecology & Obstetrics

Faculty:

Dr Ido Mick, MD, Minimally Invasive Gynecologic Surgeon & Sonologist; Assistant Professor. Department of Obstetrics and Gynecology, McMaster University

Dr Sarah Scattolon, BSc, MSc, MD, FRCSC, Associate Professor, Obstetrics & Minimally Invasive Gynecologic Surgery; Deputy Chief of Gynecology, Department of Obstetrics and Gynecology; Program Director, Minimally Invasive and Complex Gynecologic Surgery Fellowship, McMaster University

Dr Claudine Storness-Bliss, MD, FRCSC, Endometriosis, Pelvic Pain and Minimally Invasive Surgery, Obstetrics and Gynecology, Surrey Memorial Hospital; Clinical Associate Professor, University of British Columbia

Dr Brad Sullivan, MD, MSc, FRCSC, Minimally Invasive Gynecology and Obstetrics, University of Alberta

Learning objectives:

Following the completion of this course, the participant shall be able to:

1. Define normal anatomy, variants and sonographic evaluation of the uterus to accurately identify and interpret uterine abnormalities
2. Analyze the sonographic evaluation of endometriosis in extra-uterine/ovarian regions
3. Familiarize themselves with interventional gynecologic ultrasound procedures
4. Discuss challenging cases and make informed clinical decisions through interactive case studies
5. Demonstrate increased knowledge by participating in hands-on opportunities on live patients

MORNING PROGRAM

0800 – 0815	Welcome and introduction • Course objectives • Overview of gynecologic ultrasound imaging • Overview of current standards and advanced ultrasound principles
0815 – 0930	Session 1: Ultrasound evaluation and endometriosis Faculty: Mathew Leonardi Objectives: • Systematically evaluate the anterior compartment, including the bladder, uterus, and vesicouterine pouch, to identify sonographic signs of endometriosis • Systematically evaluate the posterior compartment, including the bowel, uterosacral ligaments, posterior vaginal fornix, and rectouterine pouch, for deep endometriosis • Recognize and demonstrate dynamic sonographic evaluation techniques to assess pelvic anatomy and organ mobility
0930 – 1000	Q&A Moderator: Mathew Leonardi
1000 – 1015	<i>BREAK</i>
1015 – 1045	Session 2: Uterus and ovaries – The fundamentals Faculty: Brad Sullivan Objectives: • Define normal anatomy, normal anatomical variants, and standard sonographic evaluation protocols of the uterus and ovaries • Recognize and interpret uterine and ovarian abnormalities, such as adenomyosis and other gynecologic pathologies
1045 – 1115	Session 3: Gynecologic ultrasound case based discussion Faculty: Ido Mick, Sarah Scattolon and Claudine Storness-Bliss Objectives: • Review and analyze complex, endometriosis-focused gynecologic ultrasound cases guided by clinical experts. • Formulate informed clinical decisions and diagnostic pathways when managing challenging pelvic pathology cases.
1115 – 1130	Q&A Moderator: Mathew Leonardi
1130 – 1215	<i>LUNCH</i>

AFTERNOON PROGRAM

1215 – 1330	Session 4: ScanTrainer simulation session Faculty: ALL Objectives: • Utilize ScanTrainer simulation to model and identify anterior and posterior compartment endometriosis • Perform targeted maneuvers to identify pelvic adhesions using specialized dynamic markers, specifically the "sliding sign" and the "triangle sign"
1330 – 1345	<i>BREAK</i>
1345 – 1415	Session 5: Live scanning demonstration Objective: • Observe and analyze real-time expert scanning techniques on a patient to see how didactic principles and dynamic pelvic evaluations are applied in a clinical setting
1420 – 1700	Session 6: Hands-on live ultrasound scanning Objectives: • Perform live ultrasound scanning on patients to gain practical experience, reinforcing the didactic concepts covered earlier in the day • Synthesize and construct a comprehensive understanding of gynecologic ultrasound through hands-on practice under the direct supervision and guidance of preceptors
1700	Final discussion and closing