Optional module: Ultrasounds  
(Hands-on workshop)  
Everything from basics to abnormal in two days!

August 23, 2018

7:30 - 7:45  Registration
7:45 - 8:00  Debrief and review of online education
8:00 - 8:30  Lecture: Safety in Maternity Care
8:30 - 11:30  Workshops #1-3
  Emergency Breech Delivery
  Assisted Vaginal Delivery
  Shoulder Dystocia
11:30 - 12:00  Lunch break
12:00 - 3:00  Workshops #4-6
  Maternal Resuscitation
  Postpartum Hemorrhage
  Interactive Case Studies
3:00 - 3:20  Break
3:20 - 4:35  Group testing - First group
4:35 - 5:55  Group testing - Second group
5:00 - 6:10  Q&A/Course evaluations

For more information, please email Anjali Aggarwal, MD (aaggarwa@bcm.edu)
Optional module: Ultrasounds (Hands-on workshop)

August 24, 2018

**CORE CLINICAL**

7:00 - 8:00  *Fundamentals of ultrasound (Real Ultrasound and SonoSims)*
- Basic Ultrasound Physics
- Transducer Basics
- Imaging Conventions
- Imaging Artifacts
- Doppler-Mode Imaging
- Ultrasound System Operation

8:00 - 9:00  *Basic OB/GYN / Pelvic ultrasound*
- **Female Pelvis:** Uterine Cycle · Uterine Position · Transabdominal Technique
- **OB/GYN:** Pelvic Anatomy · Sonographic Technique · Normal Pregnancy · Pathologic Conditions

**ADVANCED CLINICAL**

9:00 - 10:00  *First trimester pregnancy*
- Pregnancy dating · Pregnancy failure detection · Pathologic conditions · Twin gestations

10:00 - 11:00  *Second and third trimester pregnancy: # I*
- Assessment of fetal anatomy · Pathologic conditions · Fetal biometry · Cervical length measurement

11:00 - 11:30  *Lunch*

11:30 - 12:30  *Second and third trimester pregnancy: # II*
- Assessment of extral-fetal anatomy · Fetal lie & presentation · Amniotic fluid measurement · Biophysical profile

12:30 - 1:30  *GYN ultrasound of non-pregnant normal uterus*
- Uterine anatomy & physiology · Transabdominal imaging technique · Transvaginal imaging technique

1:30 - 2:30  *GYN ultrasound of non-pregnant abnormal uterus: # I*
- Congenital uterine malformations · Adenomyosis · Leiomyomas · Localization of IUDs

2:30 - 3:30  *GYN ultrasound of non-pregnant abnormal uterus: # II*
- Endometrial polyps · Endometrial adhesions · Retained products of conception · Endometrial cancer

3:30 - 4:00  *Break*

4:00 - 5:00  *GYN Ultrasound normal adnexa*
- Adnexal anatomy & physiology · Ovarian cycle assessment · Fallopian tube assessment · Simple ovarian cysts

5:00 - 6:00  *GYN ultrasound nonmalignant adnexal conditions*
- Ovarian cysts · Pedunculated leiomyoma · Tubo-ovarian abscess · Hydrosalphinx · Adnexal torsion

6:00  *Wrap up*