

**Annual Ob-Gyn Refresher Ultrasound Course**  
**Baylor College of Medicine Department of Obstetrics & Gynecology 2023**  
**In collaboration with AIUM**  
**November 3-4, 2023**

Hybrid In-Person-Virtual Course

**Title: Ultrasound imaging of the female pelvis: from basics concepts to improving pregnancy outcomes.**

Chairs: Laura Detti, MD, FAIUM  
Joan M. Mastrobattista, MD, FAIUM

Speakers:

- Jane Burns, RDMS
- Sandra Darilek, MS, CGC
- Laura Detti, MD, FAIUM
- Sheila Hill, MD, FAIUM
- Giancarlo Mari, MD, FAIUM
- Joan Mastrobattista, MD, FAIUM
- Francisco Orejuela, MD
- Martha Rac, MD
- James Shwayder, MD, FAIUM

Two-Day course

**GYNECOLOGY SESSION- Friday, November 3, 2023 from 1- 5:45 PM.**

**Speakers will:**

- *Discuss sonohysterography as first-line technique to evaluate the endometrium*
- *Appraise HyCoSy in the evaluation of tubal patency for the workup of infertility*
- *Summarize updated terminology*
- *Describe risk-assessment tools*
- *Assess early pregnancy by transvaginal ultrasound*
- *Evaluate and measure early pregnancy landmarks*
- *Diagnose placentation in the first trimester*
- *Distinguish normal from abnormal pregnancy and patient follow-up*

**Course Schedule:**

<b>01:00 – 01:10</b>	<b>Course Introduction and Orientation (Laura Detti)</b>
<b>01:10 – 02:00</b>	<b>Basic guidelines for an effective gynecological assessment with ultrasound and the role of 3D ultrasound in gynecology [infertility and early pregnancy loss] (Sheila Hill)</b>

<b>02:00 – 02:25</b>	<b>Transvaginal ultrasound and sonohysterogram in the work-up for abnormal uterine bleeding and infertility -Tubal patency (Laura Detti)</b>
<b>02:25 – 02:55</b>	<b>The role of Transvaginal ultrasound in the diagnosis of superficial and deep-infiltrating endometriosis (James Shwayder)</b>
02:55 – 03:05	Break
<b>3:05 – 03:35</b>	<b>Uterine fibroids and Adenomyosis: impact on fertility and pelvic pain (James Shwayder)</b>
<b>03:35 – 04:00</b>	<b>Ultrasound Monitoring of the early pregnancy: normal vs. abnormal pregnancy (Laura Detti)</b>
<b>04:00 – 04:40</b>	<b>Ectopic pregnancy: Do the guidelines fit the Ob-Gyn needs? (Sheila Hill)</b>
<b>04:40 – 05:05</b>	<b>Ultrasound in the diagnosis of benign adnexal pathology (Laura Detti)</b>
<b>05:05 – 05:30</b>	<b>Basic ultrasound of the pelvic floor for the urogynecologist (Francisco Orejuela)</b>
05:30 – 05:45	Q/A and Adjourn

**OBSTETRIC SESSION – Saturday, November 4, 2023 from 08:30 AM– 1 PM**

**Speakers will:**

- *Explain 1st trimester biometric parameters for pregnancy dating*
- *Contrast genetic screening tests utilized prior to and during pregnancy*
- *Describe appropriate landmarks for cervical length assessment*
- *Discuss etiologies of late preterm vaginal bleeding*
- *Describe important landmarks of fetal brain anatomy*
- *Describe types of Doppler screening in pregnancy*

<b>08:30 – 09:00</b>	<b>1<sup>st</sup> Trimester Dating &amp; Assessment of Chorionicity (Joan Mastro)</b>
<b>09:00 – 09:30</b>	<b>Approach to Cervical Screening (Martha Rac)</b>
<b>09:30 – 10:00</b>	<b>Genetic screening tests prior to and in pregnancy (Sandra Darilek)</b>
10:00 – 10:15	Q&A and Break
<b>10:15 – 10:45</b>	<b>1<sup>st</sup> Trimester Eval: 11-14 weeks &amp; Interesting Cases (Joan Mastro)</b>

<b>10:45 – 11:15</b>	<b>The Bleeding Edge: Etiologies in the Late Preterm Period Previa, Abruption, Placenta Accreta Spectrum (Joan Mastro)</b>
11:00 – 11:15	Q&A and Break
<b>11:15 – 11:45</b>	<b>Evaluation of the Fetal Brain (Jane Burns)</b>
<b>11:45 – 12:45</b>	<b>Application of Doppler Screening in Pregnancy (Giancarlo Mari)</b>
12:45 – 01:00	Q/A and Adjourn

*Each Speaker will present 1-3 clinical cases.*