

Annual Ob-Gyn Ultrasound Course
Baylor College of Medicine Department of Obstetrics & Gynecology 2025
November 14, 2025

Virtual Course

Title: Ultrasound imaging of the female pelvis in Gyn and Ob: From basics concepts to improving pregnancy outcomes.

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

Gyn Speakers:

- Laura Detti, MD, FAIUM
- Sheila Hill, MD, FAIUM
- Laurel Stadtmauer, MD, PhD
- Francisco Orejuela, MD

Obstetric Speakers:

- Jane Burns, RDMS
- Cara Buskmiller, MD
- Vanessa Duran, RDMS
- Giancarlo Mari, MD, FAIUM
- Sarah Detlefs, MD, MSMS
- Joan Mastrobattista, MD, FAIUM

Course Schedule:

08:00 – 08:10	Course and Speaker Introduction	Laura Detti, MD
08:10 – 09:00	Basic guidelines for an effective gynecological assessment with ultrasound and the role of 3D ultrasound of the pelvic organs	Sheila Hill, MD
9:00 – 9:25	Sonohysterography in the evaluation of tubal patency and abnormal uterine bleeding in the reproductive-age woman	Laura Detti, MD
9:25 – 9:55	The diagnosis of superficial and deep-infiltrating endometriosis: The role of transvaginal ultrasound	Laurel Stadtmauer, MD, PhD
9:55– 10:05	BREAK	
10:05 – 10:35	Adenomyosis and fibroids: Distinct diagnoses, common consequences	Laurel Stadtmauer, MD, PhD
10:35 – 11:00	Scanning for answers: Ultrasound clues to normal and abnormal early pregnancy	Laura Detti, MD

11:00 – 11:40	Unseen threats: detecting ectopic pregnancy with ultrasound	Sheila Hill, MD
11:40 – 12:05	Ultrasound as a first-line tool for the diagnosis of benign adnexal masses	Laura Detti, MD
12:05 – 12:30	Dynamic insights: real-time ultrasound in pelvic floor diagnosis	Francisco Orejuela, MD
12:30 – 12:55	Case Discussion (all speakers)	
12:55 – 1:00	Afternoon speaker introductions	Joan Mastrobattista, MD
1:00 – 1:25	Knobology and image acquisition: How to improve images	Vanessa Duran, RDMS
1:25 – 1:50	Evaluation of 1st trimester vaginal bleeding	TBA
1:50 – 2:15	Detailed 1st trimester ultrasound (DFTU)	Joan Mastrobattista, MD
2:15 – 2:40	Cervical length – sonographic landmarks	Jane Burns, RDMS
2:40 – 3:00	Q&A and BREAK	All speakers
3:00 – 3:30	Practice parameter for performance of standard diagnostic obstetric ultrasound	Jane Burns, RDMS
3:30 – 4:00	The bleeding edge: Etiologies in the late preterm period: Previa, accreta, abruption variations, risk factors & presentation	Joan Mastrobattista, MD
4:00 – 4:30	Evaluation of monochorionic twin gestations	Cara Buskmiller, MD
4:30 – 5:00	Fetal growth restriction (history) – Antepartum surveillance based on SMFM guideline	Sarah Detlefs, MD, MSMS
5:00 – 5:30	Application of doppler screening in pregnancy	Giancarlo Mari, MD
5:30 -- 5:45	Q&A and Closing Remarks	All speakers