

Basic Readings on Obstetric Ultrasound*

General references

- AIUM (2008). Practice Guideline for Documentation of an Ultrasound Examination.
- AIUM (2013). Practice Guideline for the Performance of Obstetric Ultrasound Examinations
- Seminars in Perinatology, October 2013: [Special Issue on Fetal Imaging](#)

Module 1: Indications for Obstetric Ultrasound

- AIUM (2012). Prudent use and clinical safety (Official Statement). Laurel, MD: AIUM.
- AIUM (2012). Prudent use in pregnancy (Official Statement). Laurel, MD: AIUM.
- AIUM (2012). Fetal Keepsake Imaging (Official Statement). Laurel, MD: AIUM.
- [United States Federal Drug Administration \(2014\). Avoid Fetal “Keepsake” Images, Heartbeat Monitors](#) (updated 2008 statement).

Module 2: Liability

- Callen, P. (2008). Ultrasonography in Obstetrics and Gynecology, 5th edition ([available at the UCSF library](#))

Module 3: Ultrasound physics, equipment and optimizing image quality

- Nothing additional

Module 4: Normal First Trimester Ultrasound

- AIUM (2011). Measurement of fetal heart rate (Official Statement). Laurel, MD: AIUM.
- Whitworth, M, Bricker, L, Neilson, J P, et al. (2010). Ultrasound for fetal assessment in early pregnancy. Cochrane Database of Systematic Reviews, (4), CD007058-CD007058
- Read abstract only:
 - Doubilet, PM (2013). Should a first trimester dating scan be routine for all pregnancies? *Seminars in Perinatology*, 37: 307-309.
 - Solomon, S., Saldana, F. (2014) Point-of-Care Ultrasound in Medical Education — Stop Listening and Look. *New England Journal of Medicine*, 370:1083-1085.

Module 5: Abnormal First Trimester Ultrasound

- Doubilet, PM, Benson, CB, Bourne, T, et al. (2013). Diagnostic criteria for nonviable pregnancy early in the first trimester. *The New England Journal of Medicine*, 369(15), 1443-1451.

Module 6: Limited Second and Third Trimester Ultrasound

- Nothing additional

Module 7: Fetal Biophysical Profile

- Nothing additional

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Module 8: Second Trimester Fetal Biometrics

- Read abstract only:
 - Mattsson, N, Rosendahl, H, & Luukkaala, T. (2007). Good accuracy of ultrasound estimations of fetal weight performed by midwives. *Acta Obstetricia et Gynecologica Scandinavica*, 86(6), 688-692.

Module 9: Use of Obstetrical Ultrasound on the Labor and Delivery Ward

- Molina, F S, & Nicolaides, K H. (2010). Ultrasound in labor and delivery. *Fetal Diagnosis and Therapy*, 27(2), 61-67.
- Read abstract only:
 - Masturzo, B, De Ruvo, D, Gaglioti, P, et al. (2013). Ultrasound imaging in prolonged second stage of labor: does it reduce the operative delivery rate? *Journal of Maternal - Fetal & Neonatal Medicine*, Dec 20. [Epub ahead of print].
- Vintzileos (2010). Use of Ultrasound in the Labor and Delivery. *Journal of Maternal - Fetal & Neonatal Medicine*, 23(6), 469-475.

Module 10: Interprofessional Obstetric Ultrasound Training and Practice

- ACNM website regarding ultrasound education and practice:
<http://www.midwife.org/Ultrasound-Education>
- ACNM (2012). Midwives Performance of Ultrasound in Clinical Practice.
- ACNM (2011). Standards for the Practice of Midwifery.
- ACOG (2009). Ultrasonography in Pregnancy.
- ACR (2013) ACR/ACOG/AIUM/SRU Practice Guideline for the Performance of Obstetrical Ultrasound.
- AIUM (2014). Limited Obstetric Ultrasound (Official Statement). Laurel, MD: AIUM.
- AIUM (2014). Training Guidelines for Physicians Who Evaluate and Interpret Diagnostic Obstetric Ultrasound Examinations (Official Statement). Laurel, MD: AIUM.
- AIUM (2014). Training Guidelines for Physicians Who Evaluate and Interpret Diagnostic Ultrasound Examinations of the Female Pelvis (Official Statement). Laurel, MD: AIUM.
- AWHONN (2010). Ultrasound Examinations Performed by Nurses in Obstetric, Gynecologic, and Reproductive Medicine Settings: Clinical Competencies and Education Guide.
- Dresang, L T, Rodney, W M, & Dees, J. (2004). Teaching prenatal ultrasound to family medicine residents. *Family Medicine*, 36(2), 98-107.
- Menihan. (2000). Limited Sonography in Collaborative Midwifery Practice. *Journal of Midwifery and Women's Health*, 45(6): 508-516.
- Steller, J G, Sims, L, Fox, J C, et al. (2014). The rural obstetrical ultrasound triage exam: teaching ultrasonography to students interested in global health. *Obstetrics and Gynecology*, 123 Suppl 1, 119S-119S.
- Stringer, M, & Suplee, P D. (2007). Limited ultrasound technology: Uses, collaboration, and knowledge acquisition. *Biomedical Instrumentation & Technology*, Suppl, 39-43.