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• Explain the indications and national guidelines for first trimester ultrasound.
• Optimize scanning parameters and techniques of the first trimester ultrasound examination.
• Review major fetal malformations that can be diagnosed in early gestation.
• Discuss the use of ultrasound in screening for fetal aneuploidy in the first trimester.
• Utilize ultrasound to assess patients with pelvic disorders.
• Demonstrate increased knowledge into the applications of OB/GYN scanning procedures.

No special educational preparation is required for this CME activity.

About This CME Teaching Activity

This activity provides a practical, clinically oriented review of recent advances in first trimester and OB/GYN ultrasound. A mix of topics including comprehensive normal fetal anatomy and abnormalities of major organ systems in the first trimester is discussed. Updates to current guidelines and indications for imaging in the first trimester and evaluation of OB/GYN emergencies are presented. Tips, images, and pitfalls shared by the renowned faculty provide balance to the program.

Target Audience

This program is designed for obstetricians and gynecologists, maternal-fetal medicine physicians, radiologists, family medicine physicians, genetic counselors and sonographers, who order, perform and interpret ultrasound examinations in obstetrics and gynecology. The goal of this educational activity is to bring the level of practice for the health practitioners to a higher degree of proficiency in obstetric sonography.

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Bryan Atiyeh, M.D.

Session 2: First Trimester Ultrasound: Pregnancy Dating & Elements of Failed Pregnancy
Byron Atiyeh, M.D.

Session 3: Ultrasound Scanning Demonstration: Fetal Anatomy in Early Gestation with a Focus on the Fetal Face
Silvia Underwood, M.D., Ph.D.

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Bryan Atiyeh, M.D.

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Silvia Underwood, M.D., Ph.D.

Session 6: Ultrasound Markers of Placenta Accreta in Early Gestation
Dima Al-Bender, IVF, FOGA, FACOG

Session 7: Obstructive Congenital Anomalies of the Gut: Ultrasound in Early Gestation
Thomas C. Winter, III, M.D., FACR

Session 8: The Mid Sagittal Plane in the First Trimester: Putting it All Together
Dima Al-Bender, IVF, FOGA, FACOG

Session 9: Congenital Mullerian Malformations: Ultrasound in Early Gestation
Lawrence D. Platt, M.D.

Case Presentation 1
Beryl R. Benacerraf, M.D.

Case Presentation 2
Elena Sinkovskaya, M.D., Ph.D.

Case Presentation 3
Elena Sinkovskaya, M.D., Ph.D.

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Elena Sinkovskaya, M.D., Ph.D.

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Elena Sinkovskaya, M.D., Ph.D.

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Elena Sinkovskaya, M.D., Ph.D.

Case Presentation 8
Elena Sinkovskaya, M.D., Ph.D.

Case Presentation 9
Elena Sinkovskaya, M.D., Ph.D.

Case Presentation 10
Elena Sinkovskaya, M.D., Ph.D.

Case Presentation 11
Elena Sinkovskaya, M.D., Ph.D.
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**Program**

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Updates on Guidelines for First Trimester Ultrasound
Bryan Brolyni, M.D.

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First Trimester Ultrasound: Pregnancy Dating & Elements of Failed Pregnancy
Bryan Brolyni, M.D.

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Lawrence D. Platt, M.D., FACOG, FACS, FAIUM

Session 7
Obstetric Sonography: Dos and Don’ts
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### Faculty

<table>
<thead>
<tr>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>Alfred Abinbaum, M.D.</td>
<td>University of Chicago</td>
</tr>
<tr>
<td>Reem S. Abu-Rustum, M.D., FACOG, FACS, FAIUM</td>
<td>University of Illinois at Chicago</td>
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### Program

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