



CLINICAL GUIDELINES

Obstetrical Imaging Guidelines

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eviCore healthcare Clinical Decision Support Tool Diagnostic Strategies: This tool addresses common symptoms and symptom complexes. Imaging requests for individuals with atypical symptoms or clinical presentations that are not specifically addressed will require physician review. Consultation with the referring physician, specialist and/or individual's Primary Care Physician (PCP) may provide additional insight.

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Obstetrical Ultrasound Imaging General Guidelines (OB-1)

Abbreviations and Glossary for OB Ultrasound Imaging Guidelines

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| Abbreviations and Glossary for OB Ultrasound Imaging Guidelines | |
|---|---|
| ACOG | American College of Obstetricians and Gynecologists |
| AFI | amniotic fluid index |
| AFP | alpha-fetoprotein |
| ART | Assisted Reproductive Technology |
| B-mode (brightness) | two dimensional imaging procedure, B-mode ultrasound is the basis for all static and real time B-scan images |
| BPP | Biophysical Profile includes the ultrasound variables: fetal breathing, muscle tone, and movement as well as amniotic fluid volume. BPP can be performed with or without a non-stress test (NST) which involves fetal heart rate (FHR) monitoring. |
| CST | contraction stress test |
| D & C/D & E | dilatation and curettage/ Dilation and Evacuation |
| Dichorionic twins | twins having distinct chorions (membrane that forms the fetal part of the placenta), including monozygotic twins (from one oocyte [egg]) separated within 72 hours of fertilization and all dizygotic twins (from two oocytes fertilized at the same time |
| Doppler | involves measuring a change in frequency when the motion of vascular flow is measured |
| EDC | Estimated Date of Confinement; determined from the first day of the last menstrual cycle |
| EDD | Estimated Date of Delivery |
| FGR | Fetal growth restriction; an estimated weight of the fetus at or below 10th percentile for gestational age; and/or |

| Abbreviations and Glossary for OB Ultrasound Imaging Guidelines | |
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| | abdominal circumference of the fetus at or below 10th percentile for gestational age |
| FHR | fetal heart rate |
| hCG | human chorionic gonadotropin |
| IDDM | insulin-dependent diabetes mellitus |
| M-mode | ultrasound imaging technique in which structure movement can be depicted in a wave-like manner; primarily used in cardiac and fetal cardiac imaging |
| Macrosomia | estimated fetal weight of greater than 4000 or 4500 grams |
| Monochorionic twins | twins developed from one oocyte (egg) developing with a single chorions (membrane that forms the fetal part of the placenta) |
| NICU | Neonatal Intensive Care Unit |
| NST | fetal non-stress test |
| Oligohydramnios | diminished amniotic fluid volume (AFV) for gestational age; definitions include: maximum deepest pocket of $\leq 2\text{cm}$ and/or AFI of $\leq 5\text{cm}$ or $<$ the 5 th percentile for gestational age if <30 weeks. |
| PACS | Picture Archiving and Communications System |
| Polyhydramnios | AFI $\geq 24\text{cm}$ or maximum vertical pocket of $\geq 8\text{ cm}$ |
| PROM | preterm rupture of membranes |
| Quad screen | alpha-fetoprotein (AFP), estriol, human chorionic gonadotropin (hCG), inhibin A |
| Real time scan | considered the most common type of ultrasound; a 2-dimensional scan that reflects structure and motion over time, scanning and display of images are run at a sufficiently rapid rate so that moving structures can be viewed moving at their natural rate; frame rates ≥ 15 frames per second are considered “real time” |