



Case Study Submission Requirements: Detailed 2nd Trimester OB (includes OB Standard)

➤ Refer to the *Accreditation Application Manual* for [additional case study submission requirements](#).

Only case studies with an ultrasound indication, listed in the relevant practice parameters, will be accepted. (Non-indicated exams will not be accepted.)

To apply in "Detailed 2nd Trimester OB Ultrasound" your practice must also apply in "OB Standard".

Click to Download OB Case Study Templates for PowerPoint

OB Standard

From the main site:

- 1 OB standard first-trimester complete **transvaginal** case with a live embryo or fetus; GA up to 14w. Transabdominal images may be submitted as adjunct only. [Refer to page 2](#) for imaging checklist.
- 1 OB standard third-trimester complete anatomy case (76805) documenting all required anatomy; GA 27w or later. **Limited or follow-up studies will not be accepted.** [Refer to page 2](#) for imaging checklist.

Detailed 2nd Trimester OB Ultrasound

From the main site:

- 2 (two) NORMAL *indicated* detailed second-trimester (76811) cases. **(Non-indicated exams will not be accepted.)** [Refer to page 3](#) for imaging checklist.

From a site of choice:

- 1 ABNORMAL *indicated* second-trimester detailed (76811) case with a major structural anomaly. **(Non-indicated exams will not be accepted.)** [Refer to page 4](#) for additional instructions.
- Demonstrate the "ONE TIME COMPONENTS" (OTC) as a separate case study. [Refer to page 5](#) for additional instructions and imaging checklist.

From each additional site:

- 1 NORMAL *indicated* detailed second-trimester (76811) case. **(Non-indicated exams will not be accepted.)** [Refer to page 3](#) for imaging checklist.
 - If you do not perform detailed 2nd trimester (76811) exams at the additional site, submit 1 complete OB standard second or third-trimester (76805) case, documenting all required anatomy. **Limited or follow-up studies will not be accepted.** [Refer to page 2](#) for imaging checklist. ****note: this site will not be accredited in Detailed Second Trimester****

OB Standard Imaging Checklists

- **ALARA** – scans performed at less than 10 weeks GA should be done monitoring the Thermal Index for SOFT TISSUE (TIs) and scans performed at 10 weeks or greater GA should be done monitoring the Thermal Index for BONE (Tlb).

OB Standard – 1st Trimester

Labeled images of the following:

- 1. Uterus to determine location of gestational sac and rule out masses / abnormalities (at least 2 orthogonal planes)
- 2. Adnexal structures, even if ovaries not visualized
- 3. Cul-de-sac
- 4. Presence of embryo or fetus
- 5. Number of gestational sacs, embryos, or fetuses
- 6. Crown rump length
- 7. Demonstrate fetal heart rate using M-mode
- 8. If applicable, chorionicity and, if possible, amnionicity

OB Standard – 2nd/3rd Trimester (76805)

Labeled images of the following:

- | | |
|--|---|
| <input type="checkbox"/> 1. Placental appearance and location in relation to internal os | <input type="checkbox"/> 16. Stomach |
| <input type="checkbox"/> 2. Placental cord insertion | <input type="checkbox"/> 17. Kidneys |
| <input type="checkbox"/> 3. Uterus and cervix | <input type="checkbox"/> 18. Urinary bladder |
| <input type="checkbox"/> 4. Adnexal structures, even if ovaries not visualized | <input type="checkbox"/> 19. Umbilical cord vessel number |
| <input type="checkbox"/> 5. BPD or HC measurement and landmarks | <input type="checkbox"/> 20. Umbilical cord insertion into fetal abdomen |
| <input type="checkbox"/> 6. Abdominal circumference measurement and landmarks | <input type="checkbox"/> 21. Fetal upper lip (coronal view) |
| <input type="checkbox"/> 7. Femur length and landmarks | <input type="checkbox"/> 22. Situs (example) |
| <input type="checkbox"/> 8. Lateral cerebral ventricles | <input type="checkbox"/> 23. Four-chamber view of the heart |
| <input type="checkbox"/> 9. Choroid plexus | <input type="checkbox"/> 24. RIGHT outflow tract |
| <input type="checkbox"/> 10. Cerebellum | <input type="checkbox"/> 25. LEFT outflow tract |
| <input type="checkbox"/> 11. Cisterna magna | <input type="checkbox"/> 26. 3VV (example 1 / example 2) |
| <input type="checkbox"/> 12. Cavum septi pellucidi | <input type="checkbox"/> 27. 3VTV (example 1 / example 2) |
| <input type="checkbox"/> 13. All four extremities
(For accreditation purposes, please label right/left or 1/2.) | <input type="checkbox"/> 28. Demonstrate fetal heart rate using M-mode |
| <input type="checkbox"/> 14. Hands
(For accreditation purposes, please label right/left or 1/2.) | <input type="checkbox"/> 29. Cervical spine |
| <input type="checkbox"/> 15. Feet
(For accreditation purposes, please label right/left or 1/2.) | <input type="checkbox"/> 30. Thoracic spine |
| | <input type="checkbox"/> 31. Lumbar Spine |
| | <input type="checkbox"/> 32. Sacral spine |

Detailed 2nd Trimester OB Imaging Checklists

- [View 76811 sample images here](#)
- **Non-indicated exams will not be accepted**

NORMAL Detailed 2nd Trimester (76811)	
Labeled images of the following:	
<input type="checkbox"/> 1. Placental appearance and location in relation to the internal os (<i>cervix must be shown</i>)	<input type="checkbox"/> 28. Lungs
<input type="checkbox"/> 2. Placental cord insertion	<input type="checkbox"/> 29. Diaphragm
<input type="checkbox"/> 3. Uterus and cervix	<input type="checkbox"/> 30. Legs and arms (number, architecture, and position) <i>(For accreditation purposes, please label right/left or 1/2.)</i>
<input type="checkbox"/> 4. Adnexal structures, even if ovaries not visualized	<input type="checkbox"/> 31. Hands <i>(For accreditation purposes, please label right/left or 1/2.)</i>
<input type="checkbox"/> 5. Fetal number and presentation	<input type="checkbox"/> 32. Feet <i>(For accreditation purposes, please label right/left or 1/2.)</i>
<input type="checkbox"/> 6. Situs	<input type="checkbox"/> 33. Stomach
<input type="checkbox"/> 7. Qualitative or semi-qualitative estimate of amniotic fluid	<input type="checkbox"/> 34. Kidneys
<input type="checkbox"/> 8. Lateral cerebral ventricles	<input type="checkbox"/> 35. Urinary bladder
<input type="checkbox"/> 9. Choroid plexus	<input type="checkbox"/> 36. Umbilical cord vessel number
<input type="checkbox"/> 10. Midline falx	<input type="checkbox"/> 37. Umbilical cord insertion into fetal abdomen
<input type="checkbox"/> 11. Brain parenchyma <i>(can be shown in conjunction with other anatomy)</i>	<input type="checkbox"/> 38. FHR M-mode
<input type="checkbox"/> 12. BPD or HC measurement and landmarks	<input type="checkbox"/> 39. Four-chamber view of the heart
<input type="checkbox"/> 13. Abdominal circumference measurement and landmarks	<input type="checkbox"/> 40. Right outflow tract
<input type="checkbox"/> 14. Femur length and landmarks	<input type="checkbox"/> 41. Left outflow tract
<input type="checkbox"/> 15. Cerebellum	<input type="checkbox"/> 42. Aortic arch (sagittal view)
<input type="checkbox"/> 16. Cerebellar vermis including 4 th ventricle	<input type="checkbox"/> 43. SVC and IVC
<input type="checkbox"/> 17. Cisterna magna	<input type="checkbox"/> 44. 3-Vessel view
<input type="checkbox"/> 18. Cavum septi pellucidi	<input type="checkbox"/> 45. 3-Vessel trachea view
<input type="checkbox"/> 19. Integrity and shape of cranial vault <i>(can be shown in conjunction with other anatomy)</i>	<input type="checkbox"/> 46. Shape and curvature of the spine <i>(can be shown in conjunction with other anatomy)</i>
<input type="checkbox"/> 20. Profile (mid sagittal)	<input type="checkbox"/> 47. Cervical spine
<input type="checkbox"/> 21. Fetal upper lip (coronal view)	<input type="checkbox"/> 48. Thoracic spine
<input type="checkbox"/> 22. Fetal nose (coronal view)	<input type="checkbox"/> 49. Lumbar spine
<input type="checkbox"/> 23. Nasal bone measurement (15 - 22 weeks)	<input type="checkbox"/> 50. Sacral spine
<input type="checkbox"/> 24. Maxilla (axial view)	<input type="checkbox"/> 51. Integrity of spine and overlying tissue
<input type="checkbox"/> 25. Mandible (axial view)	<input type="checkbox"/> 52. If accessory / succenturiate lobe seen on a normal fetus, location of vascular supply to primary placenta should be imaged and reported
<input type="checkbox"/> 26. Neck	
<input type="checkbox"/> 27. Nuchal thickness (16 - 20 weeks)	

Detailed 2nd Trimester OB Imaging Checklists

➤ [View 76811 sample images here](#)

➤ **Congenital markers (isolated or clusters) will NOT be accepted for ABNORMAL 76811.** Defects that preclude a detailed examination of the entire fetus (e.g., Potter sequence with severe oligohydramnios, limb-body wall complex, anencephaly, etc.) will not be accepted, as the demonstration of the residual anatomy is generally not adequate for review. Anomalies acceptable for ABNORMAL 76811 submission include but are not limited to the following list:

- Neural tube defect
- Hemivertebra
- Holoprosencephaly
- Agenesis of the corpus callosum
- Hydrocephalus (including measurement of atria lat vent)
- Congenital diaphragmatic hernia
- Congenital Pulmonary Airway Malformation (CPAM)
- Dandy-Walker malformation
- Cleft lip and/or palate
- Any major cardiac defect other than echogenic intracardiac focus
- Any bowel obstruction
- Multi-cystic kidney, Pelvic kidney
- Skeletal dysplasia
- Limb/hand/foot deformities
- Ventral wall defect
- Bladder exstrophy

Approval for submission of an unlisted anomaly must be sought before submission by emailing accreditation@aium.org.

ABNORMAL Detailed 2nd Trimester (76811)

The ABNORMAL 76811 exam:

- **must be an indicated exam (non-indicated exams will not be accepted)**
- **must contain a major structural anomaly**
- **must demonstrate all images taken during a NORMAL detailed (76811) exam, **PLUS** any additional anatomy from the list below needed to make a diagnosis**

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> • Accessory / succenturiate lobe with location of vascular supply to primary placenta • Placental masses • BPD or HC measurement and landmarks • Abdominal circumference measurement and landmarks • Femur length and landmarks • Lateral cerebral ventricles • Choroid plexus • Midline falx • 4th Ventricle • 3rd Ventricle • Cerebellar vermis • Cerebellum • Measurement of cerebellum • Cisterna magna • Cavum septi pellucidi • Corpus callosum (sagittal view) • Integrity and shape of cranial vault (<i>can be shown in conjunction with other anatomy</i>) • Brain parenchyma (<i>can be shown in conjunction with other anatomy</i>) • Profile (mid sagittal with nasal bone) • Fetal upper lip (coronal view) • Fetal nose (coronal view) • Palate • Tongue | <ul style="list-style-type: none"> • Maxilla (axial view) • Mandible (axial view) • Coronal lenses • Orbits with diameter (inner and outer) • Ear position and size • Neck • Nuchal thickness (16 - 20 weeks) • Nasal bone measurement (15 - 22 weeks) • Legs and arms - number, architecture, and position (<i>For accreditation purposes, please label right/left or 1/2.</i>) • Humerus measurement • Ulna/radius measurement • Tibia/fibula measurement • Hands (<i>For accreditation purposes, please label right/left or 1/2.</i>) • Feet (<i>For accreditation purposes, please label right/left or 1/2.</i>) • Digits (number & position) • Stomach • Liver • Kidneys • Renal arteries • Spleen • Small and large bowel • Gallbladder | <ul style="list-style-type: none"> • Urinary bladder • Umbilical cord vessel number • Umbilical cord insertion into the fetal abdomen • Integrity of the abdominal wall • Cardiac activity • Four-chamber view of the heart • Right outflow tract • Left outflow tract • Aortic arch • SVC and IVC • 3-Vessel view • 3-Vessel trachea view • Lungs • Diaphragm • Ribs • Fetal sex • Adrenal glands • Shape and curvature of the spine (<i>can be shown in conjunction with other anatomy</i>) • Integrity of spine and overlying tissue • Cervical spine • Thoracic spine • Lumbar spine • Sacral spine • Other |
|---|---|---|

Detailed 2nd Trimester OB Imaging Checklists

➤ [View 76811 sample images here](#)

One Time Components (OTC)

One Time Components only need to be demonstrated once, and must be submitted as a separate case study comprised of individual images from various fetuses – **no report required for OTC case**

Labeled images of the following:

- 1. 3rd Ventricle
- 2. Corpus callosum (sagittal view)
- 3. Coronal lenses
- 4. Measurement of cerebellum
- 5. Orbits with and without diameter (inner and outer)
- 6. Digits (number and position)
- 7. Adrenal glands
- 8. Liver
- 9. Gallbladder
- 10. Spleen
- 11. Fetal sex
- 12. Humerus (right and left) measurement
- 13. Ulna (right and left) measurement
- 14. Radius (right and left) measurement
- 15. Tibia (right and left) measurement
- 16. Fibula (right and left) measurement

Changes made to this document since previous version:

7/24/24	added reminder for proper exam indication
6/5/24	added link to Powerpoint case study templates