



Case Study Submission Requirements:

Standard Obstetric Ultrasound with Adjunct Detailed Fetal Anatomic Examination (76811)

- All cases must follow the [General Requirements for the Submission of Case Studies](#).
- All cases must include a finalized corresponding report. For reporting criteria, refer to the [Documentation Practice Parameter](#).
- For the purpose of accreditation, all anatomy must be appropriately labeled (for example – 4-CH).

** If your application does not include OB-1st or OB-3rd, you do not need to submit a 1st or 3rd trimester case study.*

From the main site:

- * 1 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 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.
- 2 NORMAL indicated detailed second-trimester (76811) cases. [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. [Refer to page 4](#) for additional instructions.
- Demonstrate the “ONE TIME COMPONENTS” (OTC). [Refer to page 5](#) for additional instructions and imaging checklist.

From each additional site or mobile unit:

- 1 NORMAL indicated detailed second-trimester (76811) case. [Refer to page 3](#) for imaging checklist.
 - If the additional site or mobile unit does not perform detailed OB (76811) exams, submit a standard OB exam instead. If 2nd or 3rd trimester is performed at the additional site, the case must be from 2nd or 3rd trimester. Limited or follow up studies will not be accepted. Follow the relevant standard OB checklist on [page 2](#) (**note**: the “Standard OB - 3rd Trimester (76805)” checklist is the same for Standard OB 2nd trimester).

Standard OB with Adjunct Detailed Fetal Anatomic Exam (76811) Imaging Checklists

- **All cases must include a finalized corresponding report.** For reporting criteria, refer to the [Documentation Practice Parameter](#).
- For the purpose of accreditation, all anatomy must be appropriately labeled (for example – 4-CH).
- **ALARA** – scans performed at less than 10 weeks GA should be done monitoring the Thermal Index for SOFT TISSUE (TI_s) and scans performed at 10 weeks or greater GA should be done monitoring the Thermal Index for BONE (TI_b).

Standard OB – 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, amnionity

Standard OB – 3rd Trimester (76805)

Labeled images of the following:

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| <ul style="list-style-type: none"> <input type="checkbox"/> 1. Placental appearance and location in relation to internal os <input type="checkbox"/> 2. Placental cord insertion <input type="checkbox"/> 3. Uterus and cervix <input type="checkbox"/> 4. Adnexal structures, even if ovaries not visualized <input type="checkbox"/> 5. BPD or HC measurement and landmarks <input type="checkbox"/> 6. Abdominal circumference measurement and landmarks <input type="checkbox"/> 7. Femur length and landmarks <input type="checkbox"/> 8. Lateral cerebral ventricles <input type="checkbox"/> 9. Choroid plexus (right and left) <input type="checkbox"/> 10. Cerebellum <input type="checkbox"/> 11. Cisterna magna <input type="checkbox"/> 12. Cavum septi pellucidi <input type="checkbox"/> 13. All four extremities <i>(For accreditation purposes, please label right/left or 1/2.)</i> <input type="checkbox"/> 14. Hands <i>(For accreditation purposes, please label right/left or 1/2.)</i> <input type="checkbox"/> 15. Feet <i>(For accreditation purposes, please label right/left or 1/2.)</i> | <ul style="list-style-type: none"> <input type="checkbox"/> 16. Stomach <input type="checkbox"/> 17. Kidneys <input type="checkbox"/> 18. Urinary bladder <input type="checkbox"/> 19. Umbilical cord vessel number <input type="checkbox"/> 20. Umbilical cord insertion into fetal abdomen <input type="checkbox"/> 21. Fetal upper lip (coronal view) <input type="checkbox"/> 22. Situs (example) <input type="checkbox"/> 23. Four-chamber view of the heart <input type="checkbox"/> 24. RIGHT outflow tract <input type="checkbox"/> 25. LEFT outflow tract <input type="checkbox"/> 26. 3VV (example 1 / example 2) <input type="checkbox"/> 27. 3VTV (example 1 / example 2) <input type="checkbox"/> 28. Demonstrate fetal heart rate using M-mode <input type="checkbox"/> 29. Cervical spine <input type="checkbox"/> 30. Thoracic spine <input type="checkbox"/> 31. Lumbar Spine <input type="checkbox"/> 32. Sacral spine |
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Standard OB with Adjunct Detailed Fetal Anatomic Exam (76811) Imaging Checklists

➤ **View 76811 sample images here:** <https://www.aium.org/accreditation/76811sample.pdf>

| NORMAL 2nd Trimester Detailed Fetal Anatomy Examination (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 | <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 | <input type="checkbox"/> 51. Integrity of spine and overlying tissue |
| <input type="checkbox"/> 25. Mandible | <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) | |

Standard OB with Adjunct Detailed Fetal Anatomic Exam (76811) Imaging Checklists

- **View 76811 sample images here:** <https://www.aium.org/accreditation/76811sample.pdf>
- **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
 - 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 2nd Trimester Detailed Fetal Anatomy Examination (76811)

The ABNORMAL 76811 exam:

- **must be an indicated exam**
- **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**

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| <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 • Mandible • 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 |
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Standard OB with Adjunct Detailed Fetal Anatomic Exam (76811) Imaging Checklists

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One Time Components (OTC)

One Time Components only need to be demonstrated once, and may be submitted in either of the following ways:

- **within any of your normal 76811 case submissions** - if submitting one time components within a case, each component must be labeled as “OTC” as well as the anatomy being demonstrated. For example, “OTC - 4th ventricle”.

– *or* –

- **as a separate case study comprised of individual images from various fetuses** - a report is not required if submitted as a collection of images from various fetuses.

Labeled images of the following:

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