

# AFI 2<sup>nd</sup> & 3<sup>rd</sup> TRIMESTER

## OBSTETRICAL ULTRASOUND PROTOCOL

**GESTATIONAL AGE:** For pregnancies  $\geq 14$  wks

**BILLING CODE:**

UOBAI or UOBL- *(Both are 76815) Only one can be charged per visit even for multiple pregnancies.*

**PREP:** No prep

**DESCRIPTION:** This exam should be used for patients who only need an assessment of amniotic fluid volume. If the patient does not have an ultrasound in our system, state clearly that a full anatomy evaluation was not done and only an assessment of AFI was performed.

**DATING:** As a routine, use the date provided by the clinician or patient's known LMP. Working EDD in EPIC should be used if more than one date is provided. Use AIUM and ACOG dating criteria if dating is unknown. Guidelines for redating based on ultrasound can be found [here](#)

## IMAGES TO OBTAIN

*Additional images may be requested as needed in addition to the basic requirements listed below*

- **FETAL POSITION**
- **FETAL HEART RATE** with M-mode
- **KIDNEYS** - transverse and sagittal with measurements
- **STOMACH** - transverse view
- **BLADDER**- transverse view
- **AMNIOTIC FLUID VOLUME:**
  - 20-24 weeks: AFI evaluation should be done using MVP. If abnormal, obtain a four quadrant AFI.
  - After 24 weeks, or if it appears abnormal before 24 weeks: Evaluation should be done using a four quadrant AFI
  - For multiple gestations (twins, triplets, etc): Always measure the MVP unless Mono/mono gestation, then use four quadrant measurements.
  - Fluid pockets measured should be greater than 1cm in width

### AMNIOTIC FLUID INDEX 4 quadrant

|              |                         |
|--------------|-------------------------|
| <5cm         | Oligohydramnios         |
| 5-24 cm      | Normal                  |
| $\geq 24$ cm | Polyhydramnios          |
| 24-29.9 cm   | Mild Polyhydramnios     |
| 30 – 34.9 cm | Moderate Polyhydramnios |
| $\geq 35$ cm | Severe Polyhydramnios   |

### MVP and TWINS single largest pocket

|              |                         |
|--------------|-------------------------|
| <2 cm        | Oligohydramnios         |
| 2-8 cm       | Normal                  |
| $\geq 8$ cm  | Polyhydramnios          |
| 8-11 cm      | Mild Polyhydramnios     |
| 12-15 cm     | Moderate Polyhydramnios |
| $\geq 16$ cm | Severe Polyhydramnios   |

## AFI ONLY IMAGE LIST

| IMAGE    | MODE   |
|----------|--------|
| Position | 2D     |
| FHR      | M-Mode |
| Kidneys  | 2D     |
| Stomach  | 2D     |
| Bladder  | 2D     |
| AFI      | 2D     |

## UA DOPPLER AND AFI PROTOCOL HISTORY

|         | Date       | Changes made  | By whom                                |
|---------|------------|---|--|
| Updated | 10/22/21   |   | Manjiri Dighe                          |
| Updated | 10/22/21   | <5cm Oligohydramnios<br>5-8 cm Borderline Low<br>8-20cm Normal<br>20-24cm Borderline High<br>>24cm Polyhydramnios | Manjiri Dighe, Edith Cheng             |
| Updated | 7/1/2025   | Changed normal ranges to 5-24 and removed borderline designations   | Amie Hollard                           |
| Added   | 11/25/2025 | Added Polyhydramnios severity levels  | Amie Hollard<br>Renee Betit Fitzgerald |
|         |            |   |  |
|         |            |   |  |