

## UCMC ULTRASOUND CRITERIA FOR PREGNANCY DATING

The Department of Obstetrics and Gynecology will follow the ACOG, AIUM, & SMFM guidelines for US dating as published in Committee Opinion #611, October 2014.

This includes establishing dates, as well as re-dating in the event of a discrepancy between established dates and ultrasound measurement. These criteria are listed below, along with references.

### Recommendations:

- US up to 13 6/7 wks is the most accurate method to establish or confirm gestational age.
- If pregnancy resulted from ART, the ART-derived GA should be used to assign the EDD.
  - o For day 3 embryo 263 days from embryo replacement date.
  - o For day 5 embryo 261 days from embryo replacement date.
- As soon as data from LMP, first accurate US, or both are obtained, the GA and EDD should be determined, discussed with the patient, and documented in medical record.

### Clinical Considerations in the First Trimester:

- The measurement used for dating should be the mean of three discrete CRL measurements and should be obtained in a true midsagittal plane.
- Mean sac diameter measurements are not recommended for estimating EDD.

**Table 1.** Guidelines for Redating Based on Ultrasonography

Gestational Age Range*	Method of Measurement	Discrepancy Between Ultrasound Dating and LMP Dating That Supports Redating
≤ 13 6/7 wk	CRL	
• ≤ 8 6/7 wk		More than 5 d
• 9 0/7 wk to 13 6/7 wk		More than 7 d
14 0/7 wk to 15 6/7 wk	BPD, HC, AC, FL	More than 7 d
16 0/7 wk to 21 6/7 wk	BPD, HC, AC, FL	More than 10 d
22 0/7 wk to 27 6/7 wk	BPD, HC, AC, FL	More than 14 d
<sup>1</sup> 28 0/7 wk and beyond	BPD, HC, AC, FL	More than 21 d

Abbreviations: AC, abdominal circumference; BPD, biparietal diameter; CRL, crown-rump length; FL, femur length; HC, head circumference; LMP, last menstrual period.

\*Based on LMP

<sup>1</sup>Because of the risk of redating a small fetus that may be growth restricted, management decisions based on third-trimester ultrasonography alone are especially problematic and need to be guided by careful consideration of the entire clinical picture and close surveillance.

### Definition of Term Pregnancy:

Early Term: 37 0/7 – 38 6/7 weeks  
 Full Term: 39 0/7 – 40 6/7 weeks  
 Late Term: 41 0/7 – 41 6/7 weeks  
 Post Term: 42 0/7 and beyond

### ACOG Committee Opinion No. 611

### References:

ACOG Committee Opinion No. 611, October 2014  
 ACOG Committee Opinion No. 579, November 2013