

## Ultrasound Dating

This protocol is for Montefiore Medical Center, dating protocols may vary at other institutions.

The smaller the fetus the more accurate the dating by ultrasound. At less than 13 weeks gestation, dating is determined by Crown Rump Length (CRL). After 13 weeks, multiple measurements are made, including, biparietal diameter (BPD), head circumference (HC), abdominal circumference (AC), and femur length (FL).

The protocol at Montefiore Medical Center\* for dating pregnancy is:

| <b>EGA by ultrasound</b> | <b>Change EDD for difference of**</b>     |
|--------------------------|-------------------------------------------|
| <8 wks                   | 4 days (if Transvaginal)                  |
| 8-13 <sup>6/7</sup> wks  | 7 d                                       |
| 14-18 wks                | 10d                                       |
| >18 wks                  | 14d (repeat scan in 2-4 weeks to confirm) |

Examples:

A patient has an ultrasound showing her to be 7wks 3 days pregnant on the day of her sonogram. If the sonogram reports her EGA to be 8wks (rather than 7<sup>3</sup>/<sub>7</sub>), change her EDD. If the sonogram reports 7 weeks, keep her EDD.

Remember that the earliest sonogram provides the most accurate EDD.

For a patient with an initial ultrasound after 18 weeks, if the gestational age is within 14d, then the sonogram confirms her EDD. If the sonogram EGA is more than 14days from her initial date or if her LMP is uncertain, a second dating sonogram should be done in 2-4 wks.

\* Table from Dr. Peer Dar, Director of the Ultrasound Unit at Montefiore Hospital, 11/2005.