

Assessment of Gestational Age

Parameter	Gestational age, weeks	Accuracy, days
Mean sac diameter	4.5 to 6	± 5 to 7
	7 to 10	± 3
Crown-rump length	10 to 14	± 5
	15	± 8.4
	14 to 20	± 7
Biparietal diameter, head circumference, femur length	21 to 30	± 14
	over 30	± 21 to 28

The American College of Obstetricians and Gynecologists suggest using the sonographically derived gestational age to calculate estimated date of delivery (EDD) if it differs from that calculated using the LMP by more than seven days in the first trimester and by more than 10 days in the second trimester but before 20 weeks of gestation. ACOG Practice Bulletin No. 98: Ultrasonography in pregnancy. Obstet Gynecol 2008; 112:951.