

## OBSTETRICAL ULTRASOUND Biophysical Profile

Consists of four ultrasound-based assessments: fetal breathing movements, gross body movement, fetal tone and amniotic fluid volume. The exam is complete once all four components have been met or 30 minutes have elapsed.

Each component meeting criteria receives a score of 2 for a composite score out of 8. A score of 0 is given if criteria is not met.

Component	Normal (2 points)	Abnormal (0 points)
<b>Fetal Breathing Movements</b>	One or more episodes of fetal breathing lasting at least 30 seconds within 30 minutes.	No episodes of fetal breathing movements lasting at least 30 seconds.
<b>Gross Body Movement</b>	3 or more discrete body or limb movements within 30 minutes.	Less than 3 body or limb movements.
<b>Fetal Tone</b>	One or more episodes of active extension & flexion of a fetal extremity OR opening & closing of the hand within 30 minutes.	Slow extension with no return or slow return to flexion of a fetal extremity OR no fetal movement.
<b>Amniotic Fluid Volume*</b>	A single deepest vertical pocket of amniotic fluid measures greater than 2 cm is present.	A single deepest vertical pocket of amniotic fluid measures 2 cm or less.

Additional documentation include fetal position, cardiac activity, AFI and placental location.

*\*Amniotic fluid volume is a vertical measurement of the single deepest pocket with a transverse measurement of 1 cm or more wide without fetal small parts or umbilical cord.*

*The table above is the recommended criteria for a Biophysical Profile by perinatology.com.*