

# ULTRASOUND PROTOCOLS



## Biophysical Profile (BPP) Ultrasound Protocol Guideline

<b>Indication</b>	Oligohydramnios, decreased fetal movement
<b>Prep</b>	Full Bladder. Have patient drink 32 oz water, finishing 60 minutes before scan time
<b>Procedure</b>	<ul style="list-style-type: none"> <li>• Duration of exam should last 30 minutes (for each fetus in multiple gestations) unless all criteria are observed in less amount of time.             <ul style="list-style-type: none"> <li>○ Fetal breathing – 30 seconds of sustained fetal breathing</li> <li>○ Gross body movement – at least 3 episodes of movement involving the trunk or limbs</li> <li>○ Fetal tone – at least 1 episode of limb flexion to extension and return to flexion. Opening and closing of hand counts as evidence of fetal tone.</li> <li>○ Amniotic fluid evaluation – calculate AFI and document fluid pocket with at least 1cm depth in two different planes</li> </ul> </li>   <li>• Include estimated fetal weight (EFW) if one has not been performed within the last 2 weeks             <ul style="list-style-type: none"> <li>○ BPD, HC, AC, FL</li> </ul> </li>   <li>• Document fetal heart rate – preferably with M-Mode</li> </ul>