

## Obstetric and Gynecological Emergencies

<p><b>Reproductive Anatomy</b></p>	
<p><b>Gestation</b></p> <ul style="list-style-type: none"> <li>• Average 38-40 weeks (Full Term)</li> <li>• Premature 24-38 weeks</li> </ul>	
<p><b>Stages of Delivery</b></p> <ul style="list-style-type: none"> <li>• 1<sup>st</sup> Stage             <ul style="list-style-type: none"> <li>▪ Dilation, “Predelivery”</li> </ul> </li> <li>• 2<sup>nd</sup> Stage             <ul style="list-style-type: none"> <li>▪ Delivery</li> </ul> </li> <li>• 3<sup>rd</sup> Stage             <ul style="list-style-type: none"> <li>▪ Delivery of placenta, “After delivery”</li> </ul> </li> </ul>	
<p><b>Predelivery Evaluation</b></p> <ul style="list-style-type: none"> <li>• Name, age, due date?</li> <li>• First delivery?</li> <li>• Contractions or pain? Onset?</li> <li>• Bleeding or discharge?</li> <li>• Crowning?</li> <li>• Frequency/duration of contractions?</li> <li>• Feel the urge to move bowels?</li> <li>• Feel the need to push?</li> <li>• Rock-hard abdomen?</li> </ul>	
<p><b>Transport Decision</b></p> <ul style="list-style-type: none"> <li>• Based on assessment             <ul style="list-style-type: none"> <li>▪ Birth imminent if contractions less than 2 minutes apart</li> </ul> </li> <li>• Number of prior births             <ul style="list-style-type: none"> <li>▪ Para = # of live births</li> </ul> </li> </ul>	







<ul style="list-style-type: none"> <li>• P = Pulse - Greater than 100/min</li> <li>• G = Grimace - Vigorous &amp; crying</li> <li>• A = Activity - Good extremity motion</li> <li>• R = Respiratory effort - Normal &amp; crying</li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>Resuscitation of the Newborn</b></p>	<hr/> <hr/>
<p>Breathing Effort</p>	<hr/> <hr/>
<ul style="list-style-type: none"> <li>• If shallow, slow, or absent:             <ul style="list-style-type: none"> <li>▪ Provide artificial ventilations, 40-60/minute</li> <li>▪ Reassess after 30 seconds</li> <li>▪ Continue as necessary</li> </ul> </li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>Heart Rate</p>	<hr/> <hr/>
<ul style="list-style-type: none"> <li>• If less than 100/minute:             <ul style="list-style-type: none"> <li>▪ Provide artificial ventilations, 40-60/minute</li> <li>▪ Reassess after 30 seconds</li> <li>▪ If no improvement, continue ventilations</li> </ul> </li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<ul style="list-style-type: none"> <li>• If less than 60-80/minute and not responding to ventilation:             <ul style="list-style-type: none"> <li>▪ Start chest compressions at rate of 120/min</li> </ul> </li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<ul style="list-style-type: none"> <li>• If at any time the heart rate is less than 60, begin ventilations and compressions immediately</li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>Color</p>	<hr/> <hr/>
<ul style="list-style-type: none"> <li>• If central (trunk) cyanosis is present with adequate breathing and heart rate, administer blow-by oxygen</li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>



<p><b>Multiple Births</b></p> <ul style="list-style-type: none"> <li>• Delivery procedure is the same for each</li> <li>• Prepare for multiple resuscitations</li> <li>• Call for assistance</li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>Premature Birth</b></p> <ul style="list-style-type: none"> <li>• Increased risk of hypothermia</li> <li>• Usually requires resuscitation <ul style="list-style-type: none"> <li>▪ Should be preformed unless physically impossible</li> </ul> </li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>Meconium Staining</b></p> <ul style="list-style-type: none"> <li>• Green or brown amniotic fluid indicates presence of fecal matter</li> <li>• Suggests fetal distress during labor</li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>Emergency Care of Meconium Staining</b></p> <ul style="list-style-type: none"> <li>• Do not stimulate before suctioning</li> <li>• Suction</li> <li>• Maintain airway</li> <li>• Ventilate if necessary</li> <li>• Transport as soon as possible</li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>Predelivery Emergencies</b></p>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>Signs &amp; Symptoms of Vaginal Bleeding (Late in Pregnancy)</b></p> <ul style="list-style-type: none"> <li>• Profuse bleeding from vagina</li> <li>• May have abdominal pain</li> <li>• May exhibit signs of shock</li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

<p><b>Vaginal Bleeding Treatment</b></p> <ul style="list-style-type: none"> <li>• Perform patient assessment</li> <li>• Treat based on findings</li> <li>• Apply external vaginal pads</li> <li>• Transport</li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>Signs &amp; Symptoms of Ectopic Pregnancy</b></p> <ul style="list-style-type: none"> <li>• Abdominal pain</li> <li>• Occasional vaginal bleeding</li> <li>• Rapid/weak pulse (late sign)</li> <li>• Hypotension (very late sign)</li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>Treatment of Ectopic Pregnancy</b></p> <ul style="list-style-type: none"> <li>• Perform patient assessment</li> <li>• Rapid transport</li> <li>• Administer oxygen</li> <li>• Position for shock</li> <li>• Treat for shock</li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>Treating Seizures During Pregnancy</b></p> <ul style="list-style-type: none"> <li>• Maintain airway; administer oxygen</li> <li>• Transport patient on left side</li> <li>• Handle gently at all times</li> <li>• Maintain warmth</li> <li>• Prepare for delivery</li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>Miscarriage (Spontaneous Abortion)</b></p> <ul style="list-style-type: none"> <li>• Perform patient assessment</li> <li>• Treat for shock</li> <li>• Apply pads to vagina; do not pack</li> <li>• Administer oxygen</li> </ul>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>



