

# OBSTETRICAL COMPLICATIONS

## BLEEDING DURING PREGNANCY

HPI	Signs & Symptoms	Differential Diagnosis
<ul style="list-style-type: none"> <li>• Due date</li> <li>• Time/amount of bleeding</li> <li>• Trauma</li> <li>• Drug/tobacco use</li> <li>• Prenatal care</li> <li>• Sensation of fetal activity</li> </ul>	<ul style="list-style-type: none"> <li>• Abdominal pain</li> <li>• Vaginal bleeding</li> <li>• Rigid abdomen</li> <li>• Lack of abdominal pain with bright red vaginal bleeding</li> </ul>	<ul style="list-style-type: none"> <li>• Ectopic pregnancy</li> <li>• Placenta previa</li> <li>• Placenta abruptio</li> <li>• Spontaneous abortion</li> </ul>

	EMR	EMT	PM
1. Provide Adult Routine Medical Care - support life threatening problems with airway, breathing, and circulation.	•	•	•
2. Position mother on her left side	•	•	•
3. Obtain ECG and/or 12 lead, monitor Capnography.		•	•

**UNSTABLE:** Altered Mental Status, MAP < 65 or SBP < 90, bleeding > 500mL

4. <b><u>NORMAL SALINE</u></b> in 500mL increments, titrate to MAP ≥ 65	•
5. Contact <b>OLMC</b> :  <b><u>TRANEXAMIC ACID</u></b> (TXA): 1g diluted in 100mL D5W IVPB, over 10 min.  ***Contraindicated if presumed or confirmed fetus still in uterus	•

### NOTE:

1. Type, color and amount of bleeding and/or discharge. If tissue passes, collect and transport to hospital with the patient.

### PEARLS:

1. Ectopic pregnancy: implantation outside the uterus, first trimester. Presenting with abdominal/pelvic pain with or without minimal bleeding. Shock is possible even with minimal or no vaginal bleeding
2. Spontaneous abortion: generally, first trimester presenting with intermittent pelvic pain (uterine contractions) with vaginal bleeding/passage of clots or tissue
3. Placenta previa: placenta covers part or all of the cervical opening generally, late second or third trimester. Presents with painless vaginal bleeding
4. Abruptio placenta: Most frequently occurs in third trimester of pregnancy; placenta prematurely separates from the uterus causing intrauterine bleeding