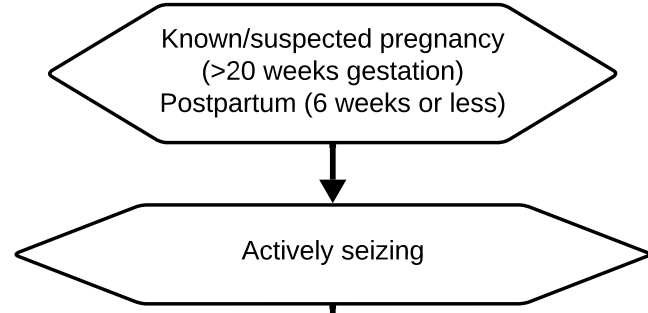
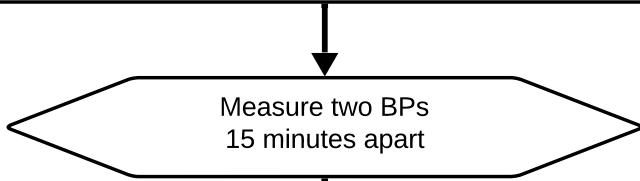




History	Signs and symptoms	Differential
<ul style="list-style-type: none"> <li>• Past medical history</li> <li>• History of hypertension</li> <li>• Prenatal care</li> <li>• Prior pregnancies/complications</li> </ul>	<ul style="list-style-type: none"> <li>• Seizures</li> <li>• Severe headache</li> <li>• Visual changes</li> <li>• Edema of hands and face</li> <li>• Decreased urinary output</li> </ul>	<ul style="list-style-type: none"> <li>• Preeclampsia/eclampsia</li> <li>• Epileptic seizure</li> <li>• Hypoglycemia</li> <li>• Stroke</li> <li>• Hypotension</li> <li>• Arrhythmia</li> <li>• Sepsis</li> </ul>



P	<p>Administer <b>benzodiazepines</b>.</p> <p><b>Midazolam 0.2 mg/kg IM</b> Max 5mg if &lt;40kg Max 10mg if ≥40kg</p> <p>If seizure onset after IV established, administer <b>Midazolam 0.1 mg/kg IV</b> Max single dose 5 mg Administer slowly – over 2 minutes</p> <p>After benzodiazepine, Administer <b>magnesium sulfate 5 g in 100 mL NS IVPB</b> over 15 minutes If no access, administer 10 g IM (5 g in each buttock)</p>
B	IV access, O <sub>2</sub> , cardiac monitor, EtCO <sub>2</sub> , FSBG



If SBP >160 or DBP >110,  
Refer to [OB Hypertension AG](#)

Transport to most appropriate receiving center per **SAEMS High Risk OBGYN Triage Protocol**

- Consider if indicated:
- [GI/Nausea AG](#)
  - [Hypoglycemia/Hyperglycemia AG](#)
  - [Shock or Crashing Medical Patient AG](#)
  - [OB Hypertension AG](#)
  - [Shock or Crashing Patient AG](#)



## Education/Pearls

- **Ectopic Pregnancy:** the implantation of the fertilized egg outside of the uterus, which may cause rupture of organs, bleeding, and death. This often presents with abdominal pain and may mimic other abdominal pathology, like appendicitis.
  - Patients may or may not be aware they are pregnant (usually occurs within 5-10 weeks of implantation).
  - Maintain high suspicion in women of childbearing age with severe abdominal pain, syncope, or shock.
  - May or may not present with vaginal bleeding.
- **Pre-eclampsia:** a disorder thought to be related to the placenta, pre-eclampsia may cause hypertension, swelling of hands and legs, abdominal pain, and in severe cases cerebral edema with vision changes.
  - Occurs in approximately 6% of pregnancies, up to 6 weeks postpartum
  - Some symptoms include: headache, RUQ pain, visual disturbances, dyspnea, leg/arm swelling, frothy urine or decreased urinary output
- **Gestational Hypertension:** A condition that contributes to increased mortality in pregnant patients, hypertension is measured with two blood pressures 15 minutes apart. Treatment is targeted by symptoms and blood pressure:
  - Patients with SBP >140 or DBP > 90 with any symptoms of Pre-eclampsia receive Magnesium Sulfate.
  - Patients with SBP > 160 or DBP >110 receive Labetalol and may require multiple doses.
- **Eclampsia:** seizures or altered LOC in the context of pre-eclampsia.
  - Can occur up to 6 weeks post-partum
  - Treatment consists of magnesium sulfate administration and delivery of the fetus.
  - Magnesium IV is the mainstay of treatment until delivery can occur. Due to the serious consequences of seizures in the eclamptic patient, if the patient is actively seizing on your arrival, administer midazolam.
- **Placental Abruptio:** a pathological detachment of the placenta, abruptio presents as vaginal bleeding with or without abdominal pain.
  - Can occur after abdominal trauma
  - Treatment consists of delivery of the fetus.
  - May present with shock due to rapid internal blood loss.
- **Uterine Rupture:** rupture of the uterus, typically after abdominal trauma (such as an MVC).
  - May present with abdominal pain, palpable fetal parts on exam of the abdomen
  - May present with shock due to rapid internal blood loss.
- **Precipitous Delivery:** delivery of the fetus outside of an obstetric setting.
  - May occur more commonly in patients without prenatal care or who are multiparous (multiple prior deliveries).
  - Patient may express "needing to push"; examine externally for presenting fetal parts.
  - Utilize the OB kit; ensure support of the neonate's head during delivery, reduce any nuchal cord (cord wrapped around neonate's neck) present.
  - Follow the **Neonatal Resuscitation AG** for care of the neonate. Resuscitate the patient using the **Shock AG** if indicated.
- **Postpartum Hemorrhage:** postpartum hemorrhage is defined as a blood loss of 1L or greater after delivery or signs of shock.
  - Treat with TXA and pitocin
  - Pitocin is not utilized in all agencies, but causes potent uterine contractions that can reduce hemorrhage. It is given IM with a 500 mL NS bolus.

### Signs of Shock

- Altered mental status
- Respiratory distress
- Pallor
- Clammy/diaphoretic skin