

MODULE B*

Optional Case Studies

*These case studies are supplemental.

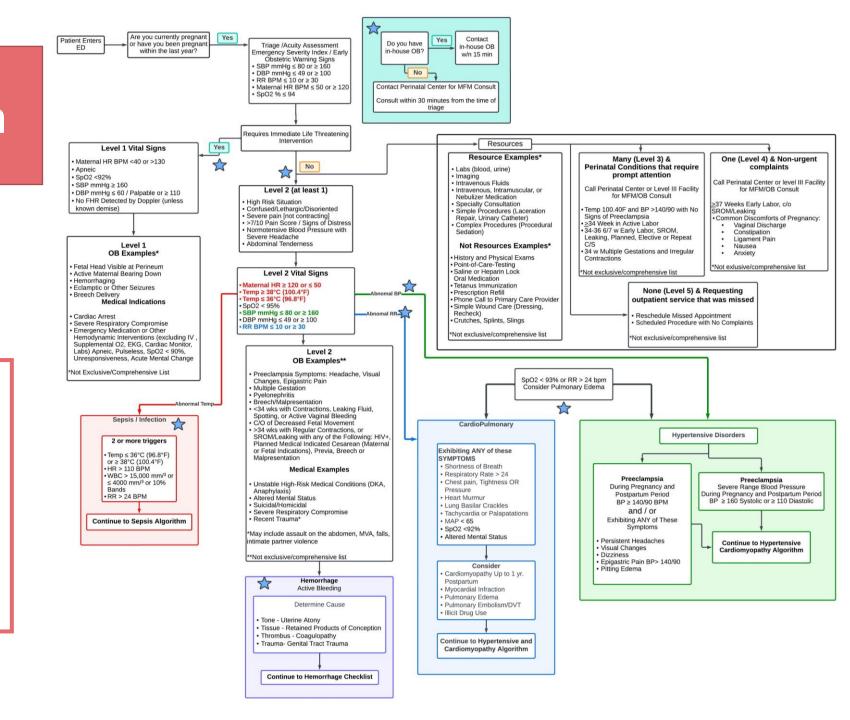


Kai

- 17-year-old G1P0 14 weeks gestation
- Presented to the ED after falling on ice and hitting her back
- Did not loose consciousnesses
- Denies vaginal bleeding
- Back pain 4/10
- Denies any current or past medical history
- Started prenatal care at 6 weeks gestation

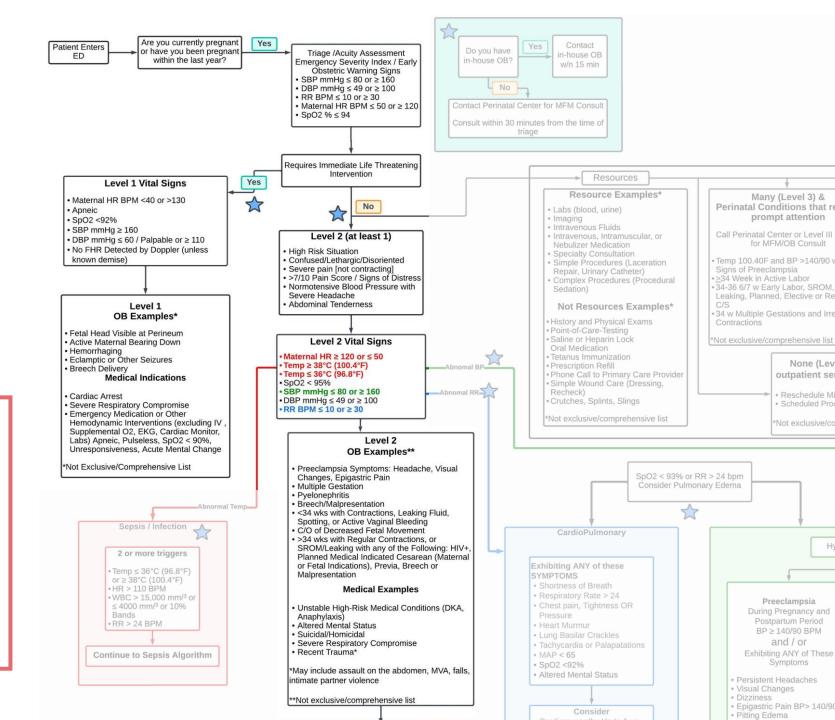
Use the Algorithm

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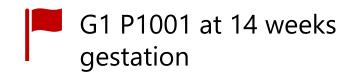


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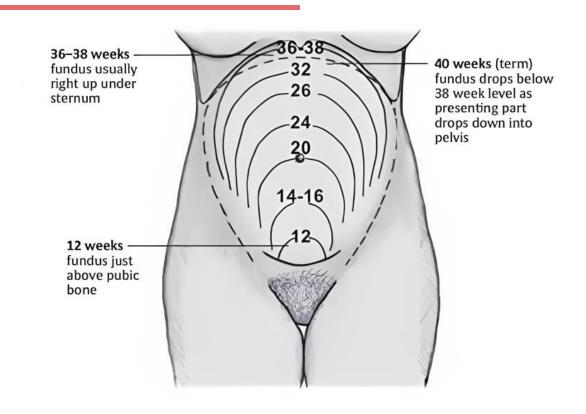
What red flags do you see?

T 36.4°C (97.6°F) BP 120/80 P 72 R 18 SpO₂ 98% on room air



Determine Gestational Age and Fetal Heart Rate Location

- First 12 weeks of pregnancy, uterus remains within the pelvis
- Umbilicus = 20 weeks: entering the possible viability range if delivered emergently
- Between 34 and 38 weeks reaches the costal margins
- From 20 weeks to 36 weeks: Fundal height in centimeters should be close to the number of weeks they are in pregnancy, plus or minus 2 centimeters
- As the uterus grows, there is cephalad displacement of intrabdominal organs, such as the inferior vena cava
- Xiphoid = approaching full term

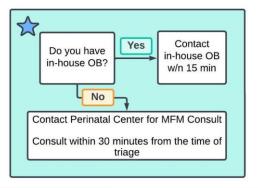


https://thetraumapro.com/2019/08/16/trauma-in-prognancy-3-tips-tricks-2/



Kai

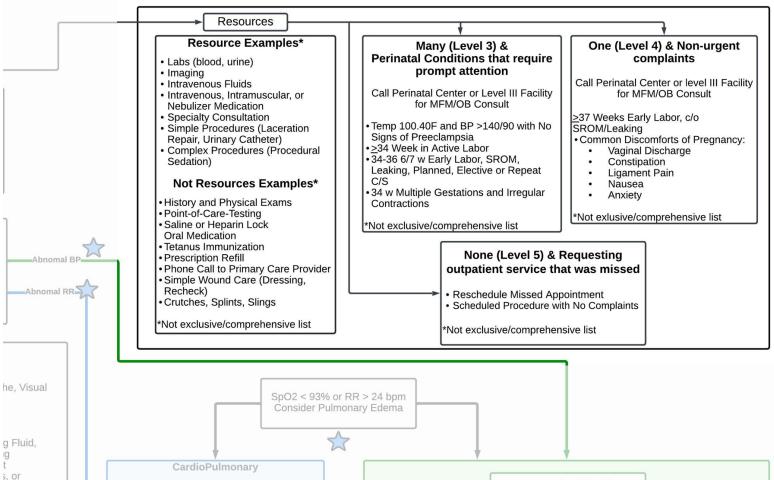
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Quickening 1st pregnancy 20 weeks 2nd or more pregnancies 16 weeks

Hypertensive Disorders

FHR via doppler 155 BPM



Kai

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- Presented to the ED after falling on ice and hitting her back
- Did not loose consciousnesses
- Denies vaginal bleeding
- Back pain 4/10

What resources do you need?

T 36.4°C (97.6°F) BP 120/80 P 72 R 18 SpO₂ 98% on room air Call perinatal center for consult

Labs

V fluids

Oxygen

FHR by doppler

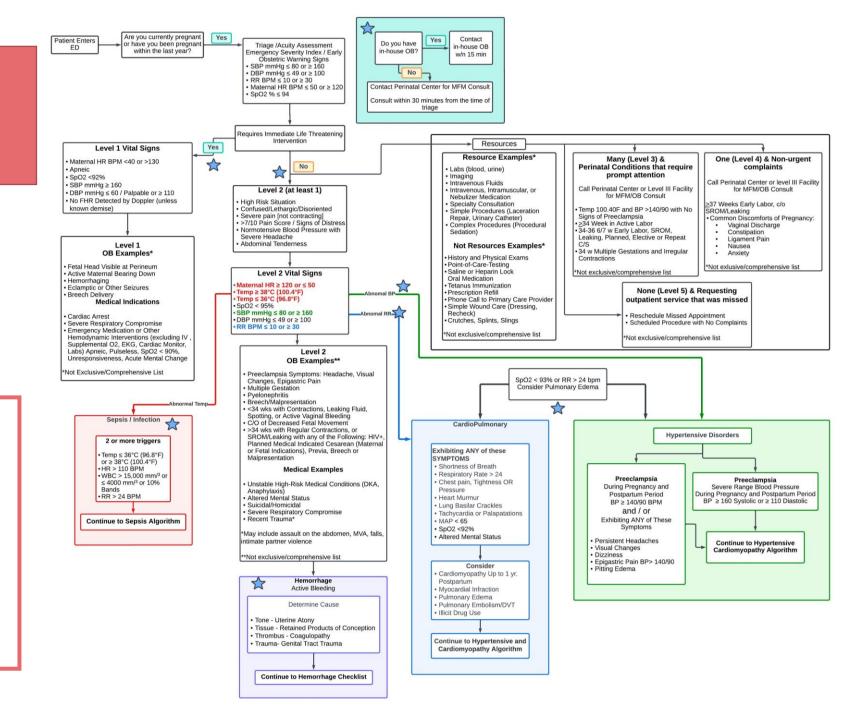


Case Study Gabriela

- 33-year-old G4 P4004 with swelling and pain in right arm
- Pain Score 8/10
- Delivered by a primary cesarean section five weeks ago
- Wt. 156 kg (344 lb)

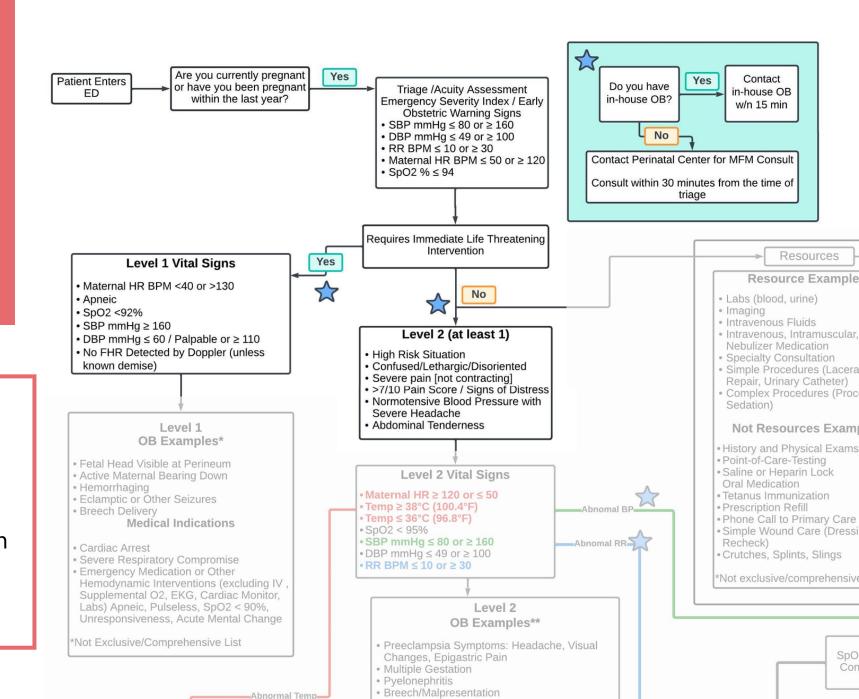
Use the Algorithm

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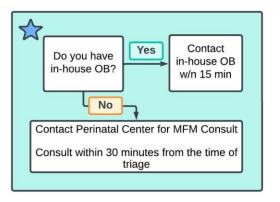
Gabriela

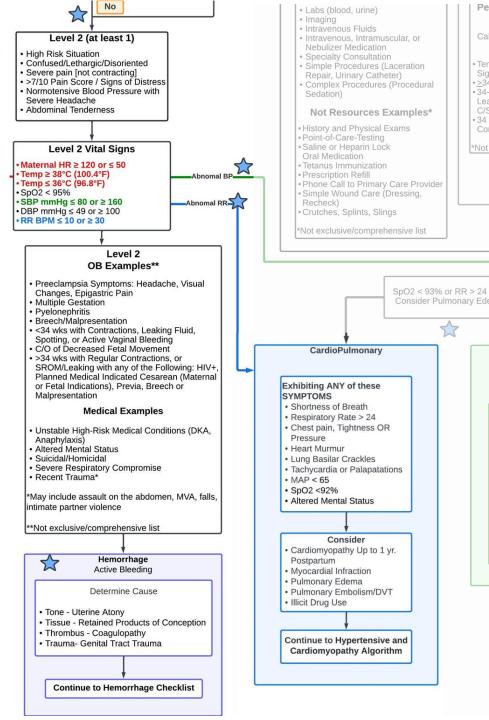
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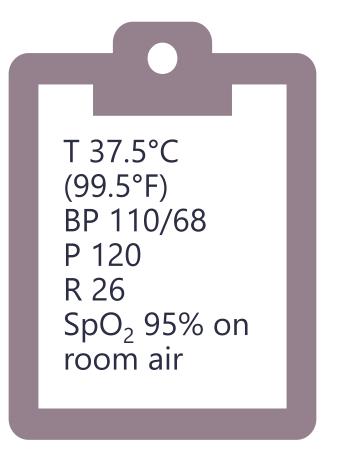


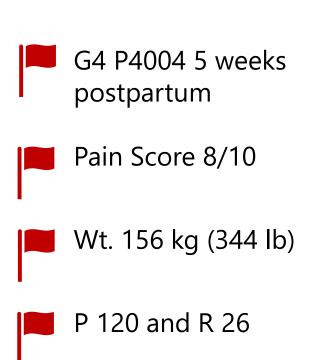


Gabriela

- 33-year-old G4 P4004 with swelling and pain in right arm
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What red flags do you see?





Gabriela

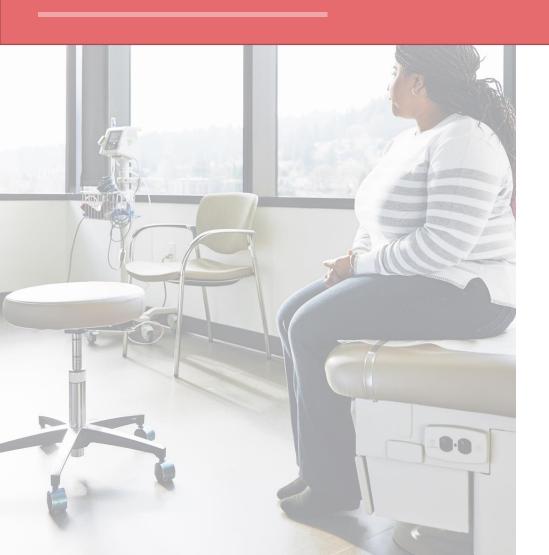
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- Pain Score 8/10
- Delivered by a primary cesarean section five weeks ago
- Wt. 156 kg (344 lb)

What resources do you need?

T 37.5°C (99.5°F) BP 110/68 P 120 R 26 SpO₂ 95% on room air

- Call OB for consult
- Consider cardiopulmonary cause
- Labs
- **✓** IV fluids

Module B: Summary



 Recognize that pregnant and postpartum patients can deteriorate rapidly

Use triage tools that incorporate perinatal patients' risks

 Consult with in-house OB/GYN or call Perinatal Center or Level III hospital within 30 minutes of triaging the patient



Modules Completed

- ✓ Module A: Introduction to Maternal Mortality in Illinois: How EDs can Help
- ✓ Module B1: Triage of Pregnant and Postpartum Patients in the ED
 - ✓ B2: Acuity Assessment

What's Next

- B3: Case Study 1: Jamie
- B4: Case Study 2: Maya
- B5: Case Study 3: Carrie
- B6: Case Study 4: Jessica
- B7: Case Study 5: Marie
- Module C: Screening and Treatment for Perinatal Mental and Behavioral Issues in the ED
- Module D: Trauma and Resuscitation in Pregnancy
- Module E: Best Practices for Pregnant and Postpartum Patients being Discharged from the ED

References

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