



1 ECLAMPSIA DRILL CLINICAL SCENARIO

PART 1

A 33y.o. G1P0 presents to the Labor and Delivery unit at 38 weeks gestation with a complaint of decreased fetal movement. She is placed on a monitor and noted to have regular contractions with a reactive fetal heart rate and no decelerations. Her BP is 150/96. She complains of a headache and seeing flashing lights. She is noted to be 4/C/0. She is admitted to Labor and Delivery.

Patient seizes.

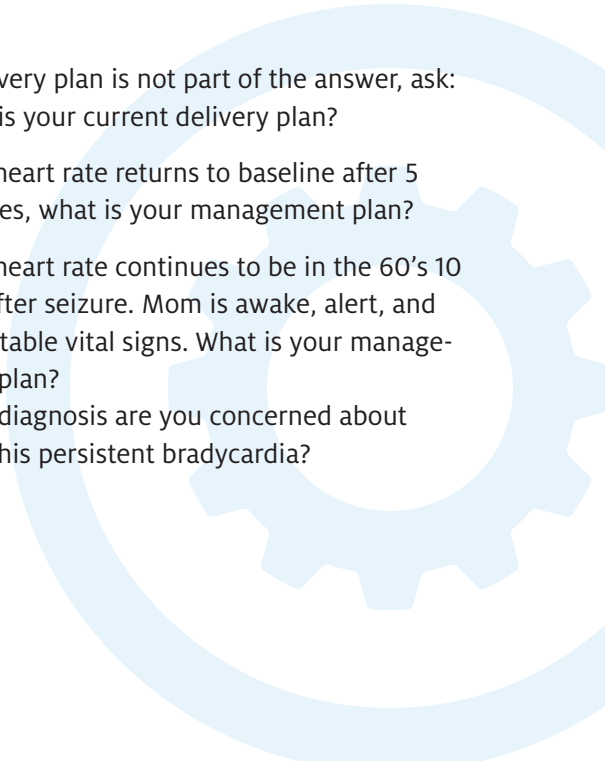
- ① What is the most likely differential diagnosis?
- ② What do you want to do?
- ③ Who do you want to call?
- ④ If participant does not call for agent, ask: What would you give this patient?
- ⑤ What is the dose?
- Ⓐ If they don't answer 4-6 mg, ask: What is the text-book dose?
- ⑥ Hand participant bag of 1L LR + 40 gm MGSO₄, 1L LR, syringes of magnesium. How do you want me to give it to the patient?
- ⑦ How fast should you give the magnesium bolus?

Say, "The magnesium bolus has completed"

- ⑧ If the patient were still seizing after magnesium bolus, what would you do next?
- ⑨ What is the dose of repeat magnesium sulfate?
- ⑩ How fast would you give it?
- ⑪ If the patient continues to seize after second dose of magnesium, what would you do next?
- ⑫ What is the dose of that agent?

Patient has stopped seizing.

- ⑬ What is your next step?
- ⑭ Fetal heart rate is in the 60's – what is your plan?
- ⑮ If delivery plan is not part of the answer, ask: What is your current delivery plan?
- ⑯ Fetal heart rate returns to baseline after 5 minutes, what is your management plan?
- ⑰ Fetal heart rate continues to be in the 60's 10 min after seizure. Mom is awake, alert, and with stable vital signs. What is your management plan?
- Ⓐ What diagnosis are you concerned about with this persistent bradycardia?



1 ECLAMPSIA DRILL CLINICAL SCENARIO

PART 2

The patient has a vaginal delivery of male infant with Apgars 8 and 9.

- 1 Describe plan for postpartum seizure prophylaxis.

You are called by the nurse 2 hours post delivery because she is unresponsive with shallow respirations.

- 2 What is the most likely diagnosis?
- 3 What would you do?
- 4 What dosage of calcium gluconate would you give?

Adapted and used with permission from Montefiore Medical Center, 2014.

