

1. Eclampsia Drill Clinical Scenario

PART 1

A 33y.o. G1PO 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/o. She is admitted to Labor and Delivery.

PATIENT SEIZES.

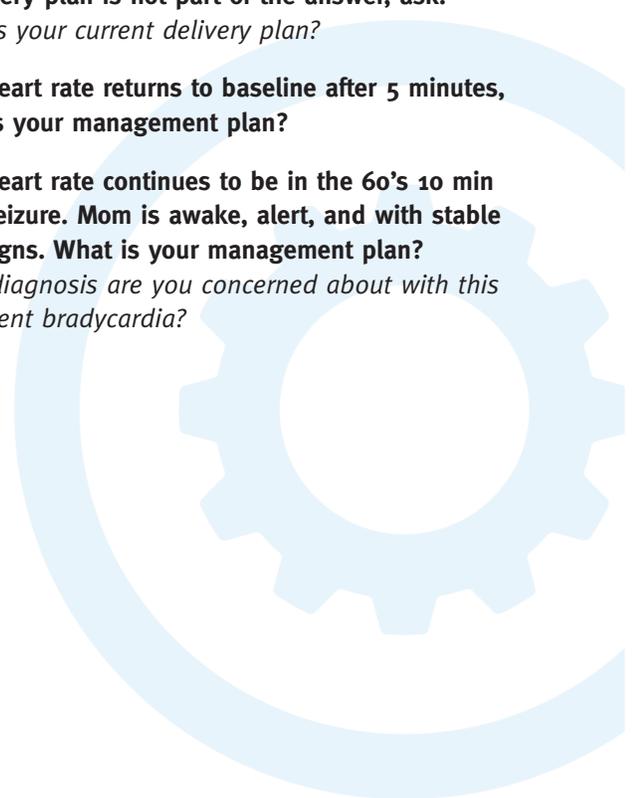
- ① What is the most likely differential diagnosis?
- ② What do you want to do?
- ③ Who do you want to call?
- ④ If participant does not call for agent, ask:
What would you give this patient?
- ⑤ What is the dose? If they don't answer 4-6 mg, ask:
What is the text-book dose?
- ⑥ Hand participant bag 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?



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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?**

