



Helping Mothers Survive Pre-eclampsia & Eclampsia OSCE 2: Care during a convulsion

Care during and after a convulsion – Skill Check

Instructions for the examiner

- Have an assistant lie down and mimic an eclamptic convulsion for first 30 seconds of OSCE and then remain still.
- Start with these supplies prepared and accessible to the participant: blood pressure cuff and stethoscope, thermometer, oxygen supply, mask and tubing, IV supplies
- Read prompts in *italics* but do not intervene in demonstration of the participant.
- The feedback will be held at the end of the assessment for all learners.

Read the following to the learner: *Mrs. C is 26 years old and delivered a healthy baby girl at term about 4 hours ago. She had no problems during pregnancy or the birth. Her husband came to find you and said that she is having a bad headache and could not see properly. When you walk into the room you find her convulsing. Demonstrate and verbalize what you would do next. In this OSCE, if you choose to make an assessment, please perform the measurement and I will give the result. If you choose to give a medication, you will not be asked to simulate but please describe the drug, concentration, dose, route, and why.*

Participant ID# _____ Date _____

Is this a pre-training or post-training assessment? (Circle one) a. PRE b. POST

	Checklist of skills	<u>Yes</u> Performed to standard	<u>No</u> Did NOT perform to standard
		Check appropriate box for each item	
2.1	Shouts for help to mobilize all available personnel. Say: <i>No one is available, what would you do next to care for her?</i>		
2.2	Checks airway and breathing. Say: <i>respirations 26</i>		
2.3	Turns woman onto her side		
2.4	Does not attempt to place an object in woman's mouth		
2.5	Checks blood pressure (<i>152/112</i>)		
2.6	Starts oxygen at 4–6 L/minute. If they don't verbalize, ask: <i>At what rate?</i>		
2.7	States and simulates that s/he will start an IV infusion of normal saline or Ringer's lactate.		
2.8	Ask: <i>What is the most likely diagnosis?</i> (Eclampsia)		
2.9	Ask: <i>What would you do next?</i> Verbalizes that s/he would prepare and give magnesium sulfate 20% solution, 4 g IV over 5 minutes.		
2.10	Verbalizes this would be followed promptly with 10 g of magnesium sulfate 50% solution, 5 g in each buttock deep IM injection with 1 mL of 2% lignocaine in the same syringe.		
2.11	Verbalizes they would give an antihypertensive. They must give the name, dose, & route. Any of the following initiation doses is correct: <ul style="list-style-type: none"> • Nifedipine 5mg – 10mg capsule orally • Hydralazine 5mg IV • Labetalol 20mg IV 		

Score _____/11

Pass / Fail (circle one)

Pass score for "Care during a convulsion" = 8/11