

**Guidelines to be read to participants:**

- For each station assume you are in a rural health care facility with no surgical or blood transfusion capacity. You do have all equipment and supplies necessary for a normal vaginal birth and for basic emergency management.
- All essential information will be provided to you at the start of each OSCE station.
- Ask the evaluator to clarify any questions prior to beginning. Once the OSCE has started, the evaluator will only provide information about the patient status.
- You will have 4 minutes to complete each station.
- **Talk to and care for the woman in front of you exactly as you would in real life. Do NOT talk to me as an examiner!**
- Be explicit in verbalizing your clinical thinking and subsequent decisions.
- If you give a medication, you must state what you are giving, the dose, the route, and why you are giving it.

**NASG – Skill Check**

**Instructions for the examiner**

- Briefly review the instructions for the participant.
- Start with an “expert client” or facilitator prepared to enact woman in shock and wear NASG.
- Observe only; do not intervene in demonstration of the participant.
- In the items below you will see *instructions to you in italics*. Follow these instructions.
- If an item has more than one component, all components must be done to earn a “Yes”.
- The feedback will be held at the end of the assessment for all learners.

**Read the following to the learner:** “An ambulance arrives carrying a woman who is bleeding heavily after a home delivery. She has just endured an hour-long journey to the facility. By the time the woman arrives, you suspect she is in shock. The cloth beneath her is soaked with blood, and she is confused and disoriented. You quickly check her pulse which is 120 beats/min and her BP which is 86/52. You check her uterine tone and find her uterus is not contracted. You called for help and quickly give 10 IU oxytocin IM. The nurse brings you the NASG for you to apply while she gathers IV supplies. Please put the NASG on this woman.”

Key

Pass score for NASG = 10/13

## Helping Mothers Survive: Bleeding after Birth Complete

### OSCE 6: Non-pneumatic anti-shock garment (NASG)

Participant name or ID# \_\_\_\_\_ Date \_\_\_\_\_

	Checklist of skills	<u>Yes</u> Performed to standard	<u>No</u> Did NOT perform to standard
		<i>Check appropriate box for each item</i>	
6.1	Explains what learner is about to do and why to client to demonstrate respectful care.		
6.2	Places woman correctly on open NASG. ( <i>Proper positioning means that top of NASG segments is at lowest rib, and pressure ball is over umbilicus.</i> )		
6.3	Closes ankle segment pair.		
6.4	Checks if the NASG is tight enough by placing 1-2 fingers under top of NASG segment, pulling back the fabric and letting it go. ( <i>When segment is tight enough, it sounds like snapping fingers.</i> )		
6.5	Continues to close segment pairs from segment 2 and to segment 6 over umbilicus with pressure ball over umbilicus.		
6.6	Checks tightness with snapping sound after closing each segment.		
6.7	Ensures woman can breathe normally ( <i>observes breathing and verbalizes what she is doing. If breathing is strained, loosens NASG at 5<sup>th</sup> and 6<sup>th</sup> segments</i> ).		
6.8	<b>Ask:</b> "Now that NASG is applied, what will you do?" <b>Answer:</b> 1) continue to manage client for atonic uterus by massaging uterus and starting IV fluids & uterotonics 2) monitor for shortness of breath and decreased urine output.		
6.9	<b>Ask:</b> "When is it safe to remove NASG?" <b>Answer:</b> When for at least 2 hours: <ul style="list-style-type: none"> <li>• Pulse is 100 bpm or less</li> <li>• sBP is 100 mmHg or higher</li> <li>• Bleeding is at normal postpartum rate</li> </ul>		
6.10	<b>Ask:</b> "Please remove NASG and describe how/when you would do each step" Starts with ankle segment pair		
6.11	Says that s/he will wait 15 minutes and retake pulse and BP. States if pulse does not increase more than 20 beats per minute, and sBP does not decrease more than 20 mmHg, will continue opening the next segment pair. ( <i>must give all portions of this answer to be correct</i> )		
6.12	Opens remaining segment pairs, verbalizing that he/she will wait 15 minutes between each, and check pulse and BP before continuing.		
6.13	<b>Ask:</b> "What will you do if sBP drops by more than 20mmHG or pulse > by more than 20 bpm?" <b>Answer:</b> s/he will 1) rapidly reclose the NASG and 2) look for the source of bleeding.		

Score \_\_\_\_\_/13      Pass score for NASG = 10/13      **Pass / Fail** (circle one)