

Postpartum Hemorrhage (PPH) Simulation Learning Objectives

When conducting the simulation, choose 3-4 of the objectives listed below.

These objectives are a starting point for your team and not necessarily a comprehensive list. Please add your own as appropriate for your simulations.

Cognitive (intellectual skills):

- Verbalize patient risk factors for postpartum hemorrhage
- Recognize excessive postpartum bleeding
- Identify when to initiate the postpartum hemorrhage protocol
- Classify the stages of postpartum hemorrhage
- Identify resources to provide appropriate intervention based on the stage of hemorrhage
- Differentiate underlying causes of excessive/abnormal postpartum bleeding
- Name appropriate medications to treat postpartum hemorrhage, including dose and route of administration
- Define the types of blood products and when to utilize each type for massive blood transfusion
- Discuss the use of a uterine tamponade and/or vacuum-induced tamponade device
- Understand the roles needed to respond to a postpartum hemorrhage

Technical (psychomotor; physical actions/skills):

- Apply continuous fundal massage until fundus is firm (or uterine atony is ruled out)
- Obtain and/or administer appropriate medications to treat postpartum hemorrhage
- Obtain and/or utilize the postpartum hemorrhage cart and other equipment as needed
- Perform ongoing postpartum hemorrhage risk assessment
- Activate the rapid response team early (if used at your facility)
- Demonstrate real-time quantification of blood loss throughout postpartum hemorrhage
- Obtain provider order to initiate the massive blood transfusion protocol (MBTP)
- Assemble uterine tamponade and/or vacuum-induced tamponade device
- Assist physician with uterine tamponade placement

Behavioral (affective; attitudes, communication & relationship skills):

- Use professional and effective communication (closed-loop, Team Steps, CUS, SBAR, etc.) at all times with the care team, including patient and support person(s)
- Assign roles and delegate appropriately
- Respond in a timely and calm manner
- Use appropriate chain of command to escalate the event