



OB MATERNAL SEPSIS SCENARIO

Preparation:

- ✓ Mannequin, delivered with baby skin to skin Patient name DEBRA HULAHOOOP
- ✓ Add patient band on mannequin with MRN/DOB/name
- ✓ Labor in bed broken down for delivery/repair
- ✓ Del table set up- repair in progress
- ✓ IV LR w Pitocin infusing, Magnesium infusing
- ✓ 2 extra Pumps available for IV Tylenol and Abx
- ✓ Tylenol IV labeled in Pyxis drawer
- ✓ MD to start in room at start of scenario
- ✓ WOW at Bedside for practice if EMR component
- ✓ For order set 601 use "NURSE Order set"
- ✓ For order set 600 use "MD Order set"
- ✓ Have Sepsis Kits readily avail/ discuss before SIM

Scenario #1:

34 yo G1 P1 s/p vaginal delivery  
 Was admitted for Induction of labor for postdates  
 developed preeclampsia with severe features(mild BPs, inc Cr & AST), treated with magnesium sulfate, continues with MAG running at start of scenario, She was AROM @ 0000, 2<sup>nd</sup> stage of labor 3 hrs  
 Delivers @ 11:05 am , and has a complex 4<sup>th</sup> degree laceration, She is being repaired at the start of the scenario  
 Her QBL was 705ml , She also had Uterine atony and was treated with SL misoprostol 400 mcg  
 It is 11:45am at the start of scenario and the Physician is still repairing the patient

Time	Scenario Flow	Actions by team	Reactions by mannequin/simulationist
0:00	Shaking after delivery	Continue repair Anesthesia -> Demerol	Shaking, "I really don't feel well" Not able to get vital signs
0:05	Shaking improved	MD continues repairing	T 38.6 temp oral, 40 axillary HR 124, BP 147/68, RR 26
0:05-0:15	SIRS alert- TIME ZERO	Notify MD	The MD says "it's because of the sublingual misoprostol that her temp is high"
PAUSE	SIRS ALERT Talk through the criteria that triggered the alert	LEAD THEM TO ORDER SET 601-RN order set *complete PAUSE if they have not performed these steps <ul style="list-style-type: none"> <li>• Draw labs (CBC, BMP, lactic acid)</li> </ul>	



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Time	Scenario Flow	Actions by team	Reactions by mannequin/simulationist
	Pt starts to shake again	MD continues with repair	"I really don't feel well"
0:25 Facilitator reports 10 minutes from Labs sent	Labs returned  Labs: WBC 23.8, Hgb 12.5, Hct 38, plts 167; lactic acid 5.8  RRT NOT in room although notified of lactic acid >4	<b>MD to enter order set 600-MD order set</b> Rapid response called/Sepsis RN  IV fluid bolus ( 30 ml/kg over 3 hours) Blood cultures	T 38.6 temp oral, 40 axillary, HR 124, BP 123/57, RR 26
PAUSE	LAB RESULTS	<b>LEAD MDs TO ORDER SET 600</b> .Initialsepsisdoc <b>*complete pause if they have not performed these steps</b> <ul style="list-style-type: none"> <li>• Is RRT at BS</li> <li>• Has CHG RN been notified</li> </ul>	
PAUSE	What if you weren't able to get blood cultures within 45 min of <b>TIME ZERO</b> what do you do?	Blood cultures ( <b>unable to get blood cultures after attempting for &gt;45 minutes</b> )  Antibiotics ordered ( <b>start abx after attempting blood cultures for 45 minutes, then continue to attempt blood cultures</b> )	
0:45	Pharmacy technician delivers Antibiotics	Hang Antibiotics Reassure Patient and family regarding patient status and baby status	"What's going on? Where is my baby?"
1:10		Consider transfer to ICU, pressors, central venous access	Patient confused ( change in AMS) T 38.2 temp oral, 40 axillary, HR 132, BP 85/53, RR 28

Debrief using tool to ensure all elements are discussed