

## APPENDICES

### APPENDIX A: STAGES OF HEMORRHAGE POSTER FOR CART (Miller Children's Hospital Long Beach) (Used with permission)

<b>STAGE 1</b> <b>QBL &gt; 500 ml VD or &gt;1000 ml CS</b> <b><u>OR</u> Increased bleeding during recovery</b>	
<b>S T A G E  1</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Notify Coordinator; Notify OB and Anesthesiologist</b></li> <li><input type="checkbox"/> <b>Hemorrhage cart and scale to room</b></li> <li><input type="checkbox"/> <b>Verify IV ACCESS</b> (at least 18 gauge)</li> <li><input type="checkbox"/> <b>Increase Oxytocin Rate</b> - Run wide open (20-40 units per liter)</li> <li><input type="checkbox"/> <b>Vigorous Fundal Massage</b></li> <li><input type="checkbox"/> <b>METHERGINE 0.2mg IM – <i>Do not give if hypertensive</i></b></li> <li><input type="checkbox"/> <b>Apply Pulse Oximeter</b></li> <li><input type="checkbox"/> <b>Vital Signs &amp; O2 Sat Q 5-15 min</b></li> <li><input type="checkbox"/> <b>QBL Q 5-15 minutes; weight of bloody items</b></li> <li><input type="checkbox"/> <b>Empty Bladder;</b> (consider Foley with urimeter)</li> <li><input type="checkbox"/> <b>T&amp;C 2 UNITS Stat</b> (if not done)</li> <li><input type="checkbox"/> <b>Administer Oxygen</b> to keep O2 Sat &gt; 95%</li> <li><input type="checkbox"/> <b>Apply Warm Blankets</b></li> </ul>

**STAGE 2**  
**Continued bleeding or VS instability**  
**QBL < 1500 ml**

- S**  **OB TO BEDSIDE**
- T**  **Announce Vital Signs & O2 Sat Q**  
5-10 minutes
- A**  **Announce QBL Q 5-10 minutes,**  
**weight of bloody items**
- G**  **HEMABATE 250 mcg IM or**  
**MISOPROSTOL 1000 mcg PR**
- E**  **2<sup>nd</sup> IV access (16 gauge preferred)**
- 2**  **Bimanual uterine massage**
- LABS: CBC, Basic Metabolic Panel,**  
PT, PTT, Fibrinogen, ABG prn O2 sat  
less than 95%
- Bring 2 units PRBC to bedside**
- TRANSFUSE PRBCs per clinical**  
**signs and response – Do NOT wait**  
for lab values
- Blood Warmer for Transfusion**
- Insert Foley with urimeter (if not**  
previously done)
- Move to OR / IR**

### STAGE 3

**QBL > 1500 ml VS unstable or suspicion of DIC**

## **S T A G E 3**

**“ALL HANDS ON DECK!”**

- MOBILIZE TEAM** – MFM, GYN Surgeon, 2<sup>nd</sup> Anesthesia provider
- Activate MTP**
- Apply Bair Hugger**
- Blood/Fluid Warmer and Rapid Infuser**
- TRANSFUSE AGGRESSIVELY (1 PRBC: 1 FFP)**
- Consider Interventional Radiology**
- Announce Vital Signs & O2 Sat Q 5-10 minutes**
- Announce QBL Q 5-10 minutes**
- LABS:** CBC, PT, PTT, Fibrinogen, ionized Calcium (repeat after every 8 units PRBC) ABG prn O2sat less than 95%
- Apply SCD’S**
- Assign staff to family support; Call Social Worker, Chaplain**