

## Appendix E: Checklist: Carts, Kits and Trays

OB Hemorrhage Cart: Recommended Supplies	
<ul style="list-style-type: none"> <li>▶ IV start supplies</li> <li>▶ Angiocaths</li> <li>▶ IV tubing</li> <li>▶ IV extension set</li> <li>▶ Blood product transfusion tubing</li> <li>▶ Blood warmer tubing</li> <li>▶ Urinary catheter kit with urometer</li> <li>▶ Flashlight</li> <li>▶ Lubricating jelly</li> <li>▶ Assorted sizes sterile gloves</li> <li>▶ Lab tubes: CBC, coagulation studies, etc.</li> <li>▶ Venipuncture supplies</li> <li>▶ Pressure infuser bags</li> <li>▶ Chux</li> <li>▶ Peri-pads</li> <li>▶ Vaginal packing (consider arm banding to indicate packing used)</li> <li>▶ Hemorrhage balloon and supplies</li> <li>▶ Skin marker</li> </ul>	<ul style="list-style-type: none"> <li>▶ Syringes</li> <li>▶ Needles</li> <li>▶ Tegaderm</li> <li>▶ 2x2 gauze</li> <li>▶ Adhesive bandages</li> <li>▶ Alcohol swabs</li> <li>▶ Paper tape</li> <li>▶ Cloth tape</li> <li>▶ Manual BP cuff</li> <li>▶ Stethoscope</li> <li>▶ Povidone iodine</li> <li>▶ Personal Protection Equipment (PPE)</li> <li>▶ Operating room towels</li> <li>▶ Sterile speculum</li> <li>▶ Diagrams depicting various procedures (e.g., B-Lynch, uterine artery ligation, balloon placement)</li> <li>▶ IV fluids for administration and hemorrhage balloons as your institution permits</li> </ul>
Recommended Instruments	
<ul style="list-style-type: none"> <li>▶ Set of vaginal retractors (long right angle); long weighted speculum</li> <li>▶ Sponge forceps (minimum: 2)</li> <li>▶ Sutures (for cervical laceration repair and B-Lynch)</li> </ul>	<ul style="list-style-type: none"> <li>▶ Banjo curettes, several sizes</li> <li>▶ Long needle holder</li> <li>▶ Uterine forceps</li> </ul>
Binder Contents	Associated Equipment
<ul style="list-style-type: none"> <li>▶ Cart content list</li> <li>▶ Quick reference documents (dry weights, QBL guide, etc.)</li> <li>▶ Consent forms</li> <li>▶ Blood Bank forms</li> <li>▶ Advanced GYN surgeon on-call schedule</li> </ul>	<ul style="list-style-type: none"> <li>▶ Bright task light on wheels</li> <li>▶ Ultrasound machine</li> </ul>

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## OB Hemorrhage Medication Kit:

Available in the L&D and Postpartum automated dispensing cabinet/refrigerator

### Consider kit labeling to include:

**Carboprost (Hemabate) - "Avoid with Asthma"**

**Methylergonovine (Methergine) - "Avoid with Hypertension"**

- ▶ Oxytocin (Pitocin) 10-40 units per 500-1000 mL NS, 2 pre-mixed bags
- ▶ Oxytocin (Pitocin) 10-unit vial, 2 vials
- ▶ Methylergonovine (Methergine) 0.2 mg/mL, 1 ampule\*
- ▶ 15-methyl PGF<sub>2</sub>α (Hemabate, carboprost) 250 mcg/mL, 1 ampule\*
- ▶ Tranexamic Acid (TXA) 1000 mg/10 mL vial, 1-2 vials\*\* (also available as 1000 mg/100 mL IVPB)
- ▶ Misoprostol (Cytotec) 200 mcg tablets, 5 tabs

\*Carboprost requires refrigeration. Methylergonovine injection is stable for only 14 days outside of refrigeration conditions.

\*\*While manufacturer endorses room temperature storage, military data is supportive of refrigeration, which is helpful in the creation of kits.

*Oxytocin and methylergonovine are considered 'Special Handling' for the health care worker (Hazardous Drug—Potential Reproductive Risk). Provide institution-specific PPE and disposal guidelines and appropriate ancillary labeling.*

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Available in L&D OR Suite (or on the hemorrhage cart if the OR suite is off the delivery unit)

Hysterectomy Tray:	
<ul style="list-style-type: none"> <li>▶ 4 Mosquito, curved, 5"</li> <li>▶ 4 Towel Clips, Backhaus (perforating) 5 ¼"</li> <li>▶ 2 Clamp, Mixer 9"</li> <li>▶ 2 Clamp, Tonsil</li> <li>▶ 2 Clamp, Allis, Extra-long 10"</li> <li>▶ 2 Clamp, Allis 6"</li> <li>▶ 2 Clamp, Babcock 8"</li> <li>▶ 2 Clamp, Babcock 6 1/4"</li> <li>▶ 2 Clamp, Lahey 6"</li> <li>▶ 2 Clamp, Heaney-Rezak, straight, 8"</li> <li>▶ 2 Kocher, straight, 8"</li> </ul>	<ul style="list-style-type: none"> <li>▶ 6 Forceps, Heaney, curved 8 1/4"</li> <li>▶ NH, Mayo Hegar 8"</li> <li>▶ 4 Sponge Stick 9 1/2"</li> <li>▶ 1 Scissor, Jorgensen, curved 9"</li> <li>▶ 1 Scissors, bandage 7"</li> <li>▶ 1 Scissors, curved dissecting, Metzenbaum</li> <li>▶ 1 Scissors, Mayo, curved</li> <li>▶ 1 Scissors, sharp/blunt, straight 5 ½"</li> <li>▶ 1 Scissors, Curved Metzenbaum 12"</li> <li>▶ 1 Scissors, Mayo straight 11"</li> <li>▶ 1 Scissors, Mayo curved 11"</li> </ul>
<ul style="list-style-type: none"> <li>▶ 8 Kelly, curved 5 3/4"</li> <li>▶ 2 Kelly, straight 5 3/4"</li> <li>▶ 8 Pean, curved, 6 1/4"</li> </ul>	<ul style="list-style-type: none"> <li>▶ 1 Knife Handle #3</li> <li>▶ 1 Knife Handle #4</li> <li>▶ 1 Knife Handle #3 long</li> </ul>
<ul style="list-style-type: none"> <li>▶ 2 Forceps, Debakey 9 1/2"</li> <li>▶ 1 Forceps, Tissue with teeth 9 3/4"</li> <li>▶ 1 Forceps, Russian 8"</li> <li>▶ 1 Forceps, smooth 8"</li> <li>▶ 1 Forceps, Ferris Smith</li> <li>▶ 2 Forceps with teeth 6"</li> <li>▶ 1 Forceps, Russian 6"</li> <li>▶ 2 Forceps, Adson with teeth</li> <li>▶ 1 Forceps, Tissue, smooth 7"</li> </ul>	<ul style="list-style-type: none"> <li>▶ 1 Retractor, Kelly, large</li> <li>▶ 1 Retractor, Deaver, large 3" x 12"</li> <li>▶ 1 Retractor, Deaver, medium</li> <li>▶ 2 Retractor, medium/large Richardson</li> <li>▶ 1 Retractor, Balfour blades</li> <li>▶ 2 Retractor, Goulet 7 1/2"</li> <li>▶ 1 Suction, Yankauer Tip</li> <li>▶ 1 Suction, Pool Tip</li> </ul>

Cystoscopy Tray:
<ul style="list-style-type: none"> <li>▶ 1 Cystoscope 30 degree, 4mm, 30cm</li> <li>▶ 1 Cystoscope 70 degree, 4mm, 30cm</li> <li>▶ 1 Cystoscope sheath, 22fr</li> <li>▶ 1 Cystoscope obturator, 22fr</li> <li>▶ 1 Cystoscope bridge</li> <li>▶ 1 Luer lock tubing connector with stopcock</li> <li>▶ 1 Luer lock tube connector</li> <li>▶ 2 Sealing caps</li> </ul>

*This appendix was adapted from the Improving Health Care Response to Obstetric Hemorrhage: A California Quality Improvement Toolkit, funded by the California Department of Public Health, 2015; supported by Title V funds.*