**OB Postpartum Hemorrhage [8051]**

To order blood, open Adult Blood Order Set.

**Sutter Hemorrhage Protocol**  **URL:** http://www.content.sutterhealth.org/ehr/guidelines/HemorrhageProtocol.pdf

### GENERAL

**Vital Signs [52099]**

- **Vital Signs [NSG0564]**
  - Routine, EVERY 5 MIN, Starting today
  - Limb(s):
  - Special Instructions:

- **Pulse Oximetry [NSG0555]**
  - Routine, AS SPECIFIED, Starting today
  - Special Instructions:
  - Alarm Setting:
  - Low Setting:
  - Every 5 minutes

- **Vital Signs [NSG0564]**
  - Routine, PER UNIT PROTOCOL, Starting today
  - For
  - Until specified
  - Limb(s):
  - Special Instructions:

- **Pulse Oximetry [NSG0555]**
  - Routine, CONTINUOUS
  - Special Instructions:
  - Alarm Setting:
  - Low Setting:

### Assessments [82454]

- **Initiate PostPartum Hemorrhage Protocol [NSG0123]**
  - Routine, PER UNIT PROTOCOL, Starting today
  - What is the nursing communication order: Initiate PostPartum Hemorrhage Protocol

### Notifications [122268]

- **Notify Perinatologist/Obstetrician for postpartum hemorrhage [NSG0122]**
  - Routine, ONE TIME For 1 Occurrences
  - Notify Provider:
  - Notify Perinatologist/Obstetrician for postpartum hemorrhage. Defined as:
  - a. Cumulative quantitative blood loss (QBL) greater than 500ml (vaginal) or greater than 1,000ml (Cesarean)
    - OR
  - b. Change in vital signs greater than 15%
    - OR
  - c. HR greater than or equal to 110 bpm
  - d. BP less than or equal to 85/45
  - e. Mean Arterial Pressure (MAP) less than 60
  - f. 02 saturation less than 95%
  - MD should be notified if not responding to initial interventions, per Hemorrhage protocol

### Interventions/Precautions [82457]

- **Set Up Procedure Tray: Uterine Hemorrhage Balloon (Bakri) to Bedside [NSG0648]**
  - Routine, ONE TIME
  - Uterine Hemorrhage Balloon (Bakri) to Bedside
  - Which procedure? Other (Specify)

- **Insert and Manage Indwelling Urinary Catheter: With urometer [NSG0917]**
  - Routine, CONTINUOUS
  - With urometer.
  - Specify Catheter: Insert and Manage Indwelling Urinary Catheter
  - Specify reason for insertion (if applicable):
  - Irrigate With:
  - Irrigation Frequency:
  - Volume:
### PRN Reason:
Continuous Bladder Irrigation:

### Other instructions:
Discontinue: Reason for contd catheter use:

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeat admission orders as needed.</td>
<td></td>
</tr>
</tbody>
</table>
| Obtain OB Procedure Tray and Extra Light [NSG0648]                   | PRN Reason: Continuous Bladder Irrigation: Other instructions: Discontinue: Reason for contd catheter use: |}

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</table>
| Start 2nd large gauge IV for Stage 2 hemorrhage [NSG0123]           | Routine, ONE TIME, Starting today For 1 Occurrences Obtain OB Procedure Tray and Extra Light Which procedure? OB Procedure |}

### Consent [82455]

<table>
<thead>
<tr>
<th>Item</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Obtain Consent - Misc Procedure: Blood Transfusion [CSN0026]</td>
<td>Routine, ONE TIME For 1 Occurrences Obtain consent for the following procedure(s): Blood Transfusion</td>
</tr>
</tbody>
</table>

### Activity [52106]

<table>
<thead>
<tr>
<th>Item</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Body Positioning [NSG0021]</td>
<td>Routine, CONTINUOUS, Starting today Trendelenburg Position as required Body Position: Trendelenburg Degrees:</td>
</tr>
<tr>
<td>Bedrest [NSG0011]</td>
<td>Routine, CONTINUOUS</td>
</tr>
</tbody>
</table>

### Nothing By Mouth [145895]

<table>
<thead>
<tr>
<th>Item</th>
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</thead>
<tbody>
<tr>
<td>NPO [NUT0181]</td>
<td>Routine, START NOW, Starting today Except for:</td>
</tr>
</tbody>
</table>

### Respiratory [82449]

<table>
<thead>
<tr>
<th>Item</th>
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</thead>
<tbody>
<tr>
<td>Oxygen Administration - Adult: Maintain oxygen saturation at or above 92% [RT0097]</td>
<td>Routine, PER UNIT PROTOCOL, Starting today Delivery Device: Indications: Improve Oxygenation Titrate FiO2 To Keep SPO2 Equal To Or Greater Than: 92% Liter Flow: Titrate May modify oxygen delivery device to obtain above oxygen saturation goal.</td>
</tr>
</tbody>
</table>

### VASCULAR ACCESS/IV FLUIDS

<table>
<thead>
<tr>
<th>Insertion/Management of Line(s) [153272]</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert and Manage Peripheral IV [IVT0008]</td>
<td>Routine, CONTINUOUS Specify Gauge:</td>
</tr>
<tr>
<td>Lidocaine HCL 1% 0.2mL sq for IV Start [12078]</td>
<td>0.2 mL, Subcutaneous, AS DIRECTED PRN, Other, For use with IV start</td>
</tr>
<tr>
<td>Discontinue IV / Saline Lock [IVT0003]</td>
<td>Routine, ONE TIME For 1 Occurrences May discontinue IV or saline lock when bleeding has stabilized and tolerating PO Discontinue Parameters:</td>
</tr>
<tr>
<td>Lidocaine (LMX-4) 4% Cream [26178]</td>
<td>1 application, Topical, PREPROCEDURE For 1 Doses For IV start.</td>
</tr>
</tbody>
</table>

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<tr>
<td>Saline Lock and Flush Panel [81471]</td>
<td>Routine, ONE TIME For 1 Occurrences</td>
</tr>
<tr>
<td>Saline lock IV [IVT0015]</td>
<td>Routine, ONE TIME For 1 Occurrences</td>
</tr>
<tr>
<td>NaCl 0.9% FLUSH [50003791]</td>
<td>2.5 mL, Intravenous, Q12HR</td>
</tr>
<tr>
<td>NaCl 0.9% FLUSH [50003791]</td>
<td>2.5 mL, Intravenous, PRN, IV Patency</td>
</tr>
</tbody>
</table>
### IV Fluids [83194]

- oxytocin (PITOCIN) 20 units/1,000mL lactated ringers IV Drip [50000951] 84 milli-units/min, Intravenous, CONTINUOUS
  Administer until bleeding has stabilized.
- lactated ringers (FOR BOLUS ONLY) IV Soln [50001265] 500 mL, Intravenous, NOW For 1 Doses, for 10 Minutes
- NaCl 0.9% IV Soln [40571] at 125 mL/hr, Intravenous, CONTINUOUS

### MEDICATIONS: OTHER

#### Uterotonic Agents [59790]

Avoid the use of prostaglandins for patients with asthma, active pulmonary, renal, or cardiac disease.

- oxytocin (PITOCIN) 10 units/mL Inj [16002] 10 Units, Intramuscular, ONCE PRN For 1 Doses, Other
- oxytocin (PITOCIN) 100 units/mL intravenous infusion [50000951] 1,000 mL/hr, Intravenous, CONTINUOUS Priority 1
- oxytocin (PITOCIN) 20 units in lactated ringers 1,000mL IV [50000951] 125 mL/hr, Intravenous, CONTINUOUS For postpartum use - Priority 1
- methylERGONOVINE (METHERGINE) 0.2mg/mL Inj [28647] 0.2 mg, Intramuscular, ONCE PRN For 1 Doses, Other, Postpartum bleeding
  For immediate postpartum bleeding. Hold for BP greater than 140/90. Refrigerate. Priority 2, if previous priority not effective.
- methylergonovine (METHERGINE) Tab [28648] 0.2 mg, Oral, Q6H For 4 Doses
  Hold for BP greater than140/90. Priority 2, if previous priority not effective.
- carboprost (HEMABATE) 250mcg/mL Inj [25770] 250 mcg, Intramuscular, EVERY 15 MINUTES PRN For 3 Doses, Other, Postpartum Bleeding
- carboprost (HEMABATE) 250mcg/mL Inj [25770] 250 mcg, Intramuscular, ONCE PRN For 1 Doses, Other
  Do not administer in patients with asthma. Priority 3, if previous priority not effective.
- misoprostol (CYTOTEC) Tab [28788] 800 mcg, Sublingual, ONCE PRN For 1 Doses Priority 4, if previous priority not effective.
- misoprostol (CYTOTEC) Tab [28788] 800 mcg, Rectal, ONCE PRN For 1 Doses Priority 4, if previous priority not effective.

#### Antidiarrheal [82441]

- loperamide (IMODIUM) 2 mg Cap [12371] 4 mg, Oral, ONCE PRN For 1 Doses, Diarrhea
- loperamide (IMODIUM) 2 mg Cap [12371] 2 mg, Oral, AS DIRECTED PRN, Diarrhea
  Give one capsule (2mg) after each loose stool after initial 4 mg starting dose for a total maximum dose of 8 capsules.
- diphenoxylate/atropine (LOMOTIL) 2.5mg/0.025mg [6787] 1 Tab, Oral, PRN, Diarrhea
- diphenoxylate/atropine (LOMOTIL) 2.5mg/0.025mg [6787] 2 Tab, Oral, QID PRN, Diarrhea

### LABS

#### Hematology [82115]

- CBC without Differential [LABCBCND] STAT, ONCE, Starting today For 1 Occurrences
- Hemoglobin [LABHGB] STAT, ONCE, Starting today For 1 Occurrences
- Hematocrit [LABHCT] STAT, ONCE, Starting today For 1 Occurrences
- Prothrombin Time/INR [LABPT] STAT, ONCE For 1 Occurrences
| Partial Thromboplastin Time [LABPTT] | STAT, ONCE For 1 Occurrences |
| Fibrinogen, Clottable [LABFIB] | STAT, ONCE For 1 Occurrences |
| Platelet Count [LABPLT] | STAT, ONCE For 1 Occurrences |
| CBC with Automated Differential [LABCBCA] | Routine, TOMORROW AM For 1 Occurrences |
| Hepatitis C Antibody [LABHCAB] | STAT, ONCE For 1 Occurrences |

### Chemistry [52110]

| Comprehensive Metabolic Panel w GFR [LABCMPG] | STAT, ONCE, Starting today For 1 Occurrences |
| Basic Metabolic Panel w GFR [LABBMPG] | STAT, ONCE, Starting today For 1 Occurrences |

### Urine Studies [128714]

| Urinalysis, Macro w/ Micro if indicated - (Not used at EMC) [LABUMAC] | STAT, ONCE, Starting today For 1 Occurrences |
| Urinalysis & Cult if Indicated [LABUAC] | STAT, ONCE, Starting today For 1 Occurrences |
| Drugs Of Abuse Screen 8, Urine, Random [LABUDOAA8] | STAT, ONCE, Starting today For 1 Occurrences |
| Protein, Creatinine, & Ratio, Ur, Random [LABUTPUCR] | STAT, ONCE For 1 Occurrences |

### Blood Bank [161965]

Document informed consent for blood administration. For type and cross orders, refer to Blood Transfusion Order Set.

| Type & Screen [LABTS] | Routine, ONCE |

### CONSULTS

**Provider [52121]**

- **Consult To Anesthesiology: [CON0051]**
  - Reason for consult: Has the Consulting Physician been contacted? Routine
- **Consult To Intensivist: [CON0074]**
  - Reason for consult: Has the Consulting Physician been contacted? Routine
- **Consult To OB GYN: [CON0059]**
  - Reason for consult: Has the Consulting Physician been contacted? Routine
- **Consult To Perinatology: [CON0033]**
  - Reason for consult: Has the Consulting Physician been contacted? Routine