

SCOPE: CCT,	
<b>MEDICATION:</b>	<b>OXYTOCIN (Pitocin)</b>
<b>INTERVENTION:</b>	<p><u>Classification:</u> Uterine Stimulant</p> <p><u>Actions:</u> Stimulates contraction of uterine smooth muscle by increasing intracellular calcium concentrations, thus mimicking contractions of normal, spontaneous labor and transiently impeding uterine blood flow; Amplitude and duration of uterine contractions are increased, leading to dilation and effacement of the cervix</p> <p><u>Contraindications:</u></p> <ul style="list-style-type: none"> <li>• Fetal distress when delivery is not imminent</li> <li>• Significant cephalopelvic disproportion</li> <li>• Hyperactive or hypertonic uterus</li> <li>• When vaginal delivery is contraindicated</li> </ul> <p><u>Precautions:</u></p> <ul style="list-style-type: none"> <li>• Any condition where there is a predisposition for uterine rupture</li> <li>• Overstimulation of the uterus by improper administration can result in fetal heart rate abnormalities, uterine rupture or placental abruption</li> <li>• Water intoxication may occur</li> <li>• <b>PREGNANCY RISK FACTOR: C</b></li> </ul> <p><u>Concentration:</u> 40 units in 1 L of NS/LR</p> <p><u>Dosage:</u></p> <p>I. <u>Postpartum Hemorrhage:</u></p> <p style="padding-left: 20px;">a. Adult:</p> <p style="padding-left: 40px;">i. IV: Bolus 40 Units in 1L of NS/LR or</p> <p style="padding-left: 40px;">ii. IM: 10 Units</p> <p><u>Onset of Action:</u> IV: 1 minute; IM: 3-5 minutes</p> <p><u>Duration:</u> IV: 1 hour; IM: 2-3 Hours</p> <p><u>Adverse Effects:</u> Cardiac dysrhythmia (mother and fetus), hypertension, fetal bradycardia, maternal anaphylaxis, maternal brain damage, fetal convulsions, fetal retinal hemorrhage, maternal pelvic hematoma, postpartum hemorrhage/rupture of uterus, uterine hyperstimulation, low fetal APGAR scores</p> <p><u>Special Considerations:</u></p> <p>I. N/A</p>

If this is a patient care policy, the information contained herein is used to provide guidance in the care of patients, but should not, and does not replace or preclude the use of clinical judgment.

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Revised Date:	
Effective Date: 06/01/18	Page 1 of 1