

**Oxytocin (Pitocin) Induction
Term Obstetric Patient
Preprinted Orders**

Original Date	02/2008	Revision Date		Withdrawn Date	
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Admission Diagnosis: _____

1. External Electronic Fetal Monitor (US and TOCO)
2. Perform a non-stress/contraction stress test. If non-reactive do not proceed, notify MD
3. Establish IV of 1000 ml Lactated Ringers using an #18 needle at TKO
4. Perform Baseline Cervical Check with Bishop Score

Diet: _____ Activity: _____

Pharmacy Orders

1. 20 Units of Pitocin (Oxytocin) in 1000ml NS and piggyback this to main IV port proximal to patient. Have Terbutaline 0.25 mg available to give subcutaneously, for hyper stimulation if ordered by the physician.
2. Begin Pitocin infusion via volume controlled pump at ONE milliUnit / minute

Check One: 1 milliUnits / min every **15 minutes**

1 milliUnits / min every **30 minutes**

3. Continue infusion rate increase until:
 - a. Labor is established
 - b. Contractions are more frequent than every two minutes
 - c. Duration of contraction is greater than 60 seconds

**POC
Conversion**

1 milliUnits / min	= 60 milliUnits / hr	= 3 ml / hr	= 0.06 units / hr
2 milliUnits / min	= 120 milliUnits / hr	= 6 ml / hr	= 0.12 units / hr
3 milliUnits / min	= 180 milliUnits / hr	= 9 ml / hr	= 0.18 units / hr
4 milliUnits / min	= 240 milliUnits / hr	= 12 ml / hr	= 0.24 units / hr
5 milliUnits / min	= 300 milliUnits / hr	= 15 ml / hr	= 0.30 units / hr
6 milliUnits / min	= 360 milliUnits / hr	= 18 ml / hr	= 0.36 units / hr
7 milliUnits / min	= 420 milliUnits / hr	= 21 ml / hr	= 0.42 units / hr
8 milliUnits / min	= 480 milliUnits / hr	= 24 ml / hr	= 0.48 units / hr
9 milliUnits / min	= 540 milliUnits / hr	= 27 ml / hr	= 0.54 units / hr
10 milliUnits / min	= 600 milliUnits / hr	= 30 ml / hr	= 0.60 units / hr
11 milliUnits / min	= 660 milliUnits / hr	= 33 ml / hr	= 0.66 units / hr
12 milliUnits / min	= 720 milliUnits / hr	= 36 ml / hr	= 0.72 units / hr
13 milliUnits / min	= 780 milliUnits / hr	= 39 ml / hr	= 0.78 units / hr
14 milliUnits / min	= 840 milliUnits / hr	= 42 ml / hr	= 0.84 units / hr
15 milliUnits / min	= 900 milliUnits / hr	= 45 ml / hr	= 0.90 units / hr
16 milliUnits / min	= 960 milliUnits / hr	= 48 ml / hr	= 0.96 units / hr
17 milliUnits / min	= 1020 milliUnits / hr	= 51 ml / hr	= 1.020 units / hr
18 milliUnits / min	= 1080 milliUnits / hr	= 54 ml / hr	= 1.080 units / hr
19 milliUnits / min	= 1140 milliUnits / hr	= 57 ml / hr	= 1.140 units / hr
20 milliUnits / min	= 1200 milliUnits / hr	= 60 ml / hr	= 1.200 units / hr

DO NOT EXCEED 20 milliUnits / min (60ml/hr) without consulting with the physician.

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4. When Oxytocin (Pitocin) dosage reaches 20 milliUnits / min for 30 minutes physician is contacted for orders
5. Continue FHT's with documentation every 30 minutes or less:
 - a. Variability
 - b. Accelerations/decelerations
 - c. Persistent variables
 - d. Response to O2/position change
6. Maternal vital signs and accurate I&O.
 - a. BP every 30 minutes or less
 - b. TPR every 4 hours during early labor
 - c. TPR every 2 hours during active labor
 - d. Cervical changes
7. Stop oxytocin (Pitocin) infusion and notify physician in the event of uterine hyper stimulation or non-reassuring fetal heart rate response.
8. Uterine hyper stimulation is operationally defined as:
 - a. Uterine contraction of duration > two (2) minutes; OR
 - b. Six (6) or more contractions in ten (10) minutes.
9. When uterine hyperstimulation resolves and fetal heart rate reassuring notify physician and if approved
 - a. Restart oxytocin (Pitocin) at ½ (one-half) the previous dosage.
 - b. Increase the milliUnits / minute every 15 minutes until the desired contraction pattern has been established. DO NOT exceed 20 milliUnits / minute.
10. If fetal bradycardia (< 90 BPM for > 60 seconds) or repetitive late decelerations occur. Turn off oxytocin (Pitocin) infusion and institute standard maneuver for non-reassuring fetal heart rate.
 - a. Oxygen at 8-10L/min via simple mask
 - b. Maternal position change, preferred left side
 - c. Check cervical status
11. Notify physician

Physician Signature

____/____/____
Date

____:____
Time