ERAS Management of Post Administration of Preservative Free Morphine [1490]

Nursing

Vitals

[X] Vital signs - T/P/R/BP (for Preservative Free Morphine Administration)	Routine, Every hour For 24 Hours Nurse to reschedule vitals: For Obstetrical patients, follow Post Cesarean Section vital sign orders for the first two (2) hours. -Every 1 hour for 12 times (First 12 hours) -Then, every 2 hours for 6 times (Next 12 hours) -Followed by floor protocol (subsequent hours), PACU & Post-op
[X] Pulse oximetry	Routine, Every hour For 24 Hours Current FIO2 or Room Air: Current Fi02 or Room Air; Nurse to reschedule vitals: -Every 1 hour for 12 times (First 12 hours) -Then, every 2 hours for 6 times (Next 12 hours) -Followed by floor protocol (subsequent hours), PACU & Post-op

Level of Sedation

[X] Neurological assessment	Routine, Once Assessment to Perform: Level of Consciousness Nurse to reschedule vitals: -Every 30 Minutes for 4 Times (First 2 Hours) -Then, every 1 Hour for 6 Times (Next 6 Hours) -Then, every 2 Hours for 6 Times (Next 12 Hours) -Then, every 4 Hours for 1 Time (Next 4 Hours), PACU & Post-op

Peripheral Vascular Assessment

[X] Peripheral vascular assessment	Routine, Every 2 hours Until numbness/tingling is resolved., PACU & Post-op

Nursing

[ ] Straight cath	Routine, Once For 1 Occurrences For URINARY RETENTION: If patient unable to void for 6 hours, one time, PACU & Post-op
[X] Foley catheter care	Routine, Until discontinued, Starting S Orders: Maintain PACU & Post-op

Notify Anesthesia

[X] Notify Anesthesia	Routine, Until discontinued, Starting S, -Nausea refactory to Promethazine
	-Respiratory rate less than 10/min and SpO2 less than 92%
	-Itching refractory to Nalbuphine
	-Patient not arousable
	-URINARY RETENTION: If patient unable to void for 6 hours, PACU & Post-op

ERAS Pain Medications

ERAS Multimodal Pain Medications

Click here for ERAS Guidelines from ACOG	URL: "\\appt1\epicappprod\Restricted\OrderSets\Periperative pathways enhanced recovery after surgery.pdf"
Click here for ERAS Postoperative care guidelines	URL: "\\appt1\epicappprod\Restricted\OrderSets\Guidelines for postoperative care in cesarean delivery.pdf"
[ ] ketorolac (TORADOL) injection	30 mg, intravenous, every 6 hours scheduled, For 4 Doses, PACU & Post-op x4 doses
[ ] acetaminophen (TYLENOL) tablet	1,000 mg, oral, every 6 hours scheduled, For 4 Doses, PACU & Post-op x4 doses, start 6 hours after last acetaminophen dose
[ ] oxyCODone (ROXICODONE) IR tablet 5 mg	5 mg, oral, every 4 hours PRN, moderate pain (score 4-6), PACU & Post-op
[ ] oxyCODone (ROXICODONE) IR tablet 10 mg	10 mg, oral, every 4 hours PRN, severe pain (score 7-10), PACU & Post-op

Medication

Multimodal Opioid-Sparing Pain Medications
 When selecting pain medications within this section, please be sure to deselect duplicate medications from the pain control section of this order set.

[ ] ketorolac (TORADOL) IV (Single Response)
 Start NOW if not already given in O.R. or 6 hours after O.R. dose if given; Do not administer for Creatinine >1.1 or when anticoagulation status contraindicates administration.

( ) ketorolac (TORADOL) 15 mg	15 mg, intravenous, every 6 hours, For 4 Doses
( ) ketorolac (TORADOL) 30 mg	30 mg, intravenous, every 6 hours, For 4 Doses

[ ] ibuprofen (MOTRIN, ADVIL) tablet (Single Response)
 Start NOW if not ordering scheduled Ketorolac or 6 hours after last dose of ketorolac if given. Max dose 3200 mg/day

( ) ibuprofen (ADVIL) tablet 800 mg	800 mg, oral, every 8 hours scheduled Start 6 hours after last Toradol dose administered.
( ) ibuprofen (ADVIL) tablet 600 mg	600 mg, oral, every 6 hours scheduled Start 6 hours after last Toradol dose administered.

[ ] acetaminophen (TYLENOL) tablet (Single Response)
 Start NOW or 6 hrs after acetaminophen (OFIRMEV IV) O.R. dose if given
 Total Acetaminophen dose - which includes, IV, PO or combination i.e. Norco, APAP, etc. - should not exceed 4 gms/24 hours or 2 gms/24 hours for patients with cirrhosis or severe hepatic dysfunction

( ) acetaminophen (TYLENOL) tablet 1000 mg	1,000 mg, oral, every 6 hours scheduled Start NOW or 6 hrs after Acetaminophen (OFIRMEV IV) O.R. dose if given
( ) acetaminophen (TYLENOL) tablet 650 mg	650 mg, oral, every 6 hours scheduled Start NOW or 6 hrs after Acetaminophen (OFIRMEV IV) O.R. dose if given

Antiemetics - HMWB Only

[X] ondansetron (ZOFRAN) IV or Oral (Selection Required)	**"Or" Linked Panel**
[X] ondansetron ODT (ZOFRAN-ODT) disintegrating tablet	4 mg, oral, every 8 hours PRN, nausea, vomiting, PACU & Post-op Give if patient is able to tolerate oral medication.
[X] ondansetron (ZOFRAN) 4 mg/2 mL injection	4 mg, intravenous, every 8 hours PRN, nausea, vomiting, PACU & Post-op Give if patient is UNable to tolerate oral medication OR if a faster onset of action is required.
[X] promethazine (PHENERGAN) IV or Oral or Rectal	**"Or" Linked Panel**
[X] promethazine (PHENERGAN) injection	12.5 mg, intravenous, every 6 hours PRN, nausea, vomiting, PACU & Post-op Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral or rectal medication OR if a faster onset of action is required.
[X] promethazine (PHENERGAN) tablet	12.5 mg, oral, every 6 hours PRN, nausea, vomiting, PACU & Post-op Give if ondansetron (ZOFRAN) is ineffective and patient is able to tolerate oral medication.
[X] promethazine (PHENERGAN) suppository	12.5 mg, rectal, every 6 hours PRN, nausea, vomiting, PACU & Post-op Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral medication.

Antiemetics - HMH Only

[X] ondansetron (ZOFRAN) IV or Oral (Selection Required)	**"Or" Linked Panel**
[X] ondansetron ODT (ZOFRAN-ODT) disintegrating tablet	4 mg, oral, every 8 hours PRN, nausea, vomiting Give if patient is able to tolerate oral medication.
[X] ondansetron (ZOFRAN) 4 mg/2 mL injection	4 mg, intravenous, every 8 hours PRN, nausea, vomiting Give if patient is UNable to tolerate oral medication OR if a faster onset of action is required.
[X] promethazine (PHENERGAN) IV or Oral or Rectal	**"Or" Linked Panel**
[X] promethazine (PHENERGAN) 12.5 mg IV	6.25 mg, intravenous, every 6 hours PRN, nausea, vomiting Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral or rectal medication OR if a faster onset of action is required.
[X] promethazine (PHENERGAN) tablet	12.5 mg, oral, every 6 hours PRN, nausea, vomiting Give if ondansetron (ZOFRAN) is ineffective and patient is able to tolerate oral medication.
[X] promethazine (PHENERGAN) suppository	12.5 mg, rectal, every 6 hours PRN, nausea, vomiting Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral medication.

Antiemetics - HMSJ, HMW, HMSTC, HMTW Only

[X] ondansetron (ZOFRAN) IV or Oral (Selection Required)	**"Or" Linked Panel**
[X] ondansetron ODT (ZOFRAN-ODT) disintegrating tablet	4 mg, oral, every 8 hours PRN, nausea, vomiting Give if patient is able to tolerate oral medication.
[X] ondansetron (ZOFRAN) 4 mg/2 mL injection	4 mg, intravenous, every 8 hours PRN, nausea, vomiting Give if patient is UNable to tolerate oral medication OR if a faster onset of action is required.
[X] promethazine (PHENERGAN) IV or Oral or Rectal	**"Or" Linked Panel**
[X] promethazine (PHENERGAN) 12.5 mg IV	12.5 mg, intravenous, every 6 hours PRN, nausea, vomiting Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral or rectal medication OR if a faster onset of action is required.
[X] promethazine (PHENERGAN) tablet	12.5 mg, oral, every 6 hours PRN, nausea, vomiting Give if ondansetron (ZOFRAN) is ineffective and patient is able to tolerate oral medication.
[X] promethazine (PHENERGAN) suppository	12.5 mg, rectal, every 6 hours PRN, nausea, vomiting Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral medication.

Antiemetics - HMSTJ Only

[X] ondansetron (ZOFRAN) IV or Oral (Selection Required)	**"Or" Linked Panel**
[X] ondansetron ODT (ZOFRAN-ODT) disintegrating tablet	4 mg, oral, every 8 hours PRN, nausea, vomiting, PACU & Post-op Give if patient is able to tolerate oral medication.

[X] ondansetron (ZOFRAN) 4 mg/2 mL injection	4 mg, intravenous, every 8 hours PRN, nausea, vomiting, PACU & Post-op Give if patient is UNable to tolerate oral medication OR if a faster onset of action is required.
[X] promethazine (PHENERGAN) IVPB or Oral or Rectal **"Or" Linked Panel**	
[X] promethazine (PHENERGAN) 25 mg in sodium chloride 0.9 % 50 mL IVPB	6.25 mg, intravenous, for 30 Minutes, every 6 hours PRN, nausea, vomiting, PACU & Post-op Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral or rectal medication OR if a faster onset of action is required.
[X] promethazine (PHENERGAN) tablet	12.5 mg, oral, every 6 hours PRN, nausea, vomiting, PACU & Post-op Give if ondansetron (ZOFRAN) is ineffective and patient is able to tolerate oral medication.
[X] promethazine (PHENERGAN) suppository	12.5 mg, rectal, every 6 hours PRN, nausea, vomiting, PACU & Post-op Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral medication.

Antiemetics - HMSL only

[X] ondansetron (ZOFRAN) IV or Oral (Selection Required) **"Or" Linked Panel**	
[X] ondansetron ODT (ZOFRAN-ODT) disintegrating tablet	4 mg, oral, every 8 hours PRN, nausea, vomiting, PACU & Post-op Give if patient is able to tolerate oral medication.
[X] ondansetron (ZOFRAN) 4 mg/2 mL injection	4 mg, intravenous, every 8 hours PRN, nausea, vomiting, PACU & Post-op Give if patient is UNable to tolerate oral medication OR if a faster onset of action is required.
[X] promethazine (PHENERGAN) IV or Oral or Rectal **"Or" Linked Panel**	
[X] promethazine (PHENERGAN) injection	12.5 mg, intravenous, every 6 hours PRN, nausea, vomiting, PACU & Post-op Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral or rectal medication OR if a faster onset of action is required.
[X] promethazine (PHENERGAN) tablet	12.5 mg, oral, every 6 hours PRN, nausea, vomiting, PACU & Post-op Give if ondansetron (ZOFRAN) is ineffective and patient is able to tolerate oral medication.
[X] promethazine (PHENERGAN) suppository	12.5 mg, rectal, every 6 hours PRN, nausea, vomiting, PACU & Post-op Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral medication.

Itching - not HMSL

[X] nalbuphine (NUBAIN) injection	2 mg, intravenous, every 2 hour PRN, itching, PACU & Post-op Administer no more than 8 doses in 24 hours

Itching - HMSL Only

[X] nalbuphine (NUBAIN) injection	2 mg, intravenous, every 3 hours PRN, itching, PACU & Post-op Administer no more than 8 doses in 24 hours

Respiratory (Naloxone) - not HMSL
For patients with Respiratory Rate LESS than 8 per minute OR if patient is stuporous or unarousable.

[X] naloxone (NARCAN) injection	0.1 mg, intravenous, every 1 min PRN, respiratory depression, as needed for respiratory rate 8 per minute or less OR patient somnolent and difficult to arouse (POSS GREATER than 3)., PACU & Post-op Repeat Naloxone 0.1 mg once in 2 minutes if necessary (MAXIMUM 0.2 mg). If naloxone is needed, please call the ordering physician and/or CERT team. Monitor vital signs (pulse oximetry, P/R/BP) every 15 minutes for 3 times. Notify Anesthesia if administered.

Respiratory (Naloxone) - HMSL only

For patients with Respiratory Rate LESS than 8 per minute OR if patient is stuporous or unarousable.

[X] naloxone (NARCAN) injection	0.1 mg, intravenous, every 1 min PRN, respiratory depression, as needed for respiratory rate 8 per minute or less OR patient somnolent and difficult to arouse (POSS GREATER than 3)., PACU & Post-op Repeat Naloxone 0.1 mg once in 2 minutes if necessary (MAXIMUM 0.2 mg). If naloxone is needed, please call the ordering physician and/or CERT team. Monitor vital signs (pulse oximetry, P/R/BP) every 15 minutes for 3 times. Notify Anesthesia if administered.

Moderate Pain (Pain Score 4-6) (Single Response)

( ) ketorolac (TORADOL) IV - do not order if scheduled ketorolac is ordered (Single Response)

Do NOT use in patients with eGFR LESS than 30 mL/min AND/OR patients LESS than 17 years of age.
WARNING: Use is contraindicated for treatment of perioperative pain OR in the setting of coronary artery bypass graft (CABG) surgery.

( ) For patients ages GREATER than 64 OR weight LESS than 50 kg OR eGFR 30-59 mL/min - ketorolac (TORADOL) injection	15 mg, intravenous, every 6 hours PRN, moderate pain (score 4-6) Do not order/administer PRN Ketorolac within the first 24 hours with scheduled Ketorolac. PRN Ketorolac may not be administered within 6 hours of last dose.
( ) For patients ages 17-64 AND weight GREATER than or EQUAL to 50 kg AND eGFR at least 60 mL/min - ketorolac (TORADOL) injection	30 mg, intravenous, every 6 hours PRN, moderate pain (score 4-6) Do not order/administer PRN Ketorolac within the first 24 hours with scheduled Ketorolac. PRN Ketorolac may not be administered within 6 hours of last dose.

( ) oxyCODone (ROXICODONE)   (Single Response)

( ) oxyCODone (ROXICODONE) immediate release tablet	5 mg, oral, every 4 hours PRN, moderate pain (score 4-6), PACU & Post-op

Severe Pain (Pain Score 7-10) (Single Response)

( ) oxyCODone (ROXICODONE) immediate release tablet	10 mg, oral, every 4 hours PRN, severe pain (score 7-10), PACU & Post-op