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	POD 0	POD 1	POD 2	POD 3 *goal discharge date*	POD 4-5
Medications	<p>Pain Control:</p> <ul style="list-style-type: none"> IV ketorolac: 0.5 mg/kg/dose q6hr for up to 12 doses (max 30 mg/dose). To alternate with acetaminophen. IV acetaminophen 15 mg/kg/dose q6hr (max 1 g/dose) for 4 doses. To alternate with ketorolac. PCA (demand only): hydromorphone 0.004 mg/kg (max 0.2 mg/dose) with 6 min lock out, up to 0.02 mg/kg/hr limit (max 1 mg/hr) IV diazepam 0.05 mg/kg/dose q6hr (max 2 mg/dose); hold if RR <10 or oversedation. IV dexamethasone 8 mg/dose q8hr x 3 doses PO gabapentin 5 mg/kg/dose TID (max 300 mg/dose) to continue from pre-op for 3-7 days total as per Pain and Ortho teams. EMLA PRN for needle procedures. <p>Antibiotic Prophylaxis:</p> <ul style="list-style-type: none"> Cefazolin 30 mg/kg/dose q8hr x2 post op doses total (start 8 hours after last dose) If cefazolin allergy: Vancomycin IV (x2 doses total) dosing to be determined by hospital pharmacy vancomycin protocol to avoid AKI <p>Antiemetics:</p> <ul style="list-style-type: none"> IV ondansetron 0.1 mg/kg/dose q8hr (max 4 mg/dose) Consider 1 scopoloamine patch on POD1 for nausea and dizziness <p>Bowel Management:</p> <ul style="list-style-type: none"> PO senokot 2 tab BID until 1 BM/day PO polyethylene glycol 17 g daily 	<p>Antibiotic Prophylaxis:</p> <ul style="list-style-type: none"> Cefazolin 30 mg/kg/dose q8hr x2 post op doses total (start 8 hours after last dose) If cefazolin allergy: Vancomycin IV (x2 doses total) dosing to be determined by hospital pharmacy vancomycin protocol to avoid AKI <p>Antiemetics:</p> <ul style="list-style-type: none"> IV ondansetron 0.1 mg/kg/dose q8hr (max 4 mg/dose) Consider 1 scopoloamine patch on POD1 for nausea and dizziness <p>Bowel Management:</p> <ul style="list-style-type: none"> PO senokot 2 tab BID until 1 BM/day PO polyethylene glycol 17 g daily 	<p>Consider turning off PCA if clinically appropriate/pain well-controlled, per Orthopedic and Pain team assessment</p> <p>If PCA turned off, follow POD3 medication recommendations</p> <p>Begin:</p> <ul style="list-style-type: none"> Convert IV acetaminophen to PO acetaminophen 15 mg/kg/dose (max 1 g/dose) q6hr Convert IV diazepam to PO diazepam 0.05 mg/kg/dose q6hr (max 2.5 mg/dose); hold if RR <10 or oversedation Convert IV ondansetron to ondansetron ODT PRN (if tolerating oral opioid) <p>Continue:</p> <ul style="list-style-type: none"> IV ketorolac PO gabapentin PO polyethylene glycol PO senokot 	<p>10:00 AM:</p> <ul style="list-style-type: none"> Turn off PCA (may do sooner if pain well controlled) Start PO oxycodone <ul style="list-style-type: none"> <50 kg: 0.1 mg/kg/dose q4h PRN pain ≥50 kg: 5 mg q4hr PRN pain IV hydromorphone 0.015 mg/kg q3hr PRN breakthrough pain not alleviated by oxycodone (max 0.5 mg/dose) x24 hr <p>Begin/change:</p> <ul style="list-style-type: none"> Convert IV ketorolac to PO ibuprofen 10 mg/kg/dose q6hr ATC (max 600 mg/dose) x 2-3 more days, then change to PRN Change PO diazepam q6hr to PRN x3 more days then stop PO acetaminophen 15 mg/kg/dose (max 1 g/dose) q6hr around the clock x2-3 more days, then PRN <p>Continue:</p> <ul style="list-style-type: none"> PO ondansetron PRN PO senokot daily until 1 BM/day PO polyethylene glycol daily PO gabapentin to continue through POD3-7 then stop (or as directed by Pain or Ortho teams) 	
Studies/ Consults	<p>Consults:</p> <ul style="list-style-type: none"> Pain Team Child Life 	<p>Labs:</p> <ul style="list-style-type: none"> CBC <p>Consults:</p> <ul style="list-style-type: none"> Physical Therapy Occupational Therapy Massage 	<p>Labs:</p> <ul style="list-style-type: none"> CBC <p>Imaging:</p> <ul style="list-style-type: none"> Xray (standing scoliosis series, PA and lateral) 	<p>Imaging:</p> <ul style="list-style-type: none"> Xray (standing scoliosis series, PA and lateral) if not done on day 2 	
Drains	<ul style="list-style-type: none"> Hemovac to suction (empty and measure q8hr and PRN); call provider if output increases 100 ml over previous 8 hr Foley to gravity 	<ul style="list-style-type: none"> Remove Foley in AM Ortho to d/c Hemovac. Back dressing maintained for 7 days and removed at home 			
Activity	<ul style="list-style-type: none"> Head of bed up to 30° PRN, or higher based on patient comfort Leg exercises, log roll, reposition q2hr 	<ul style="list-style-type: none"> OOB to chair x3 with PT or nursing Ambulate with PT/nursing: goal is 1 lap by 2nd or 3rd walk Leg exercises, log roll, reposition q2hr 	<ul style="list-style-type: none"> OOB to chair w/nursing or family for all meals Ambulate with family when cleared by PT Shower w/OT after drain removal Progress ambulation to 2 laps with therapies Stairs Leg exercises, log roll q2hr 		
Nursing + Monitoring	<ul style="list-style-type: none"> Vitals as ordered by provider Continuous monitoring (can be off monitoring during active therapy sessions with PT/OT up to 2 hours, as needed for mobilization) Assess sedation: Pasero Opioid-Induced Sedation Scale (POSS) score (Appendix A) at least q4hr CMS check q2hr x first 12 hrs, then q4hr BLE function (move leg, flex knee, wiggle toes) q4hr Pain score q4hr and PRN any med change 	<ul style="list-style-type: none"> Vitals as ordered by provider Continuous monitoring (can be off monitoring during active therapy sessions with PT/OT up to 2 hours, as needed for mobilization) Assess sedation: POSS score (Appendix A) at least q4hr CMS check q4hr Pain score q4hr and PRN any med change 	<ul style="list-style-type: none"> Continuous monitoring (can be off monitoring during active therapy sessions with PT/OT up to 2 hours, as needed for mobilization) Assess sedation: POSS score (Appendix A) at least q4hr CMS check q4hr Pain score q4hr and PRN any med change 	<ul style="list-style-type: none"> Assess sedation: POSS score (Appendix A) at least q4hr CMS check q4hr Pain score q4hr and PRN any med change 	
Diet	<ul style="list-style-type: none"> IVF (D5 NS + 20 mEq KCl) Advance to regular diet as tolerated Chew sugarless gum (goal of 20 min TID) as bowel stimulant/ decrease nausea 	<ul style="list-style-type: none"> IVF (D5 NS + 20 mEq KCl) Advance to regular diet as tolerated Chew sugarless gum (goal of 20 min TID) 	<ul style="list-style-type: none"> Stop IVF; saline lock PIV Advance to regular diet as tolerated Chew sugarless gum (goal of 20 min TID) 		

Discharge Criteria:

- Tolerating diet, tolerating PO pain meds, urinating well, able to walk 1,000 feet independently and walk up a flight of steps, opioid/narcan education at discharge to patients and families offered
- Discharge Medications will be provided preoperatively and modified postoperatively in consultation w/Pain Team**
- Acetaminophen** 15 mg/kg/dose q6hr ATC for 24-72 hours, then PRN pain (max 1 g/dose)
- Ibuprofen** 10 mg/kg/dose q6hr ATC for 24-72 hours, then PRN pain (max 600 mg/dose)
 - May stagger acetaminophen and ibuprofen; can choose to give together at bedtime to allow child to sleep overnight
- Narcan pre-filled nasal spray:** 1 spray intranasal PRN opioid overdose (call 911 if used)
- Oxycodone** *Dispense only 20 tablets; no refills
 - < 50 kg: 0.1 mg/kg/dose q4h PRN breakthrough pain
 - ≥ 50 kg: 5 mg q4hr PRN breakthrough pain (max 10 mg)
- Gabapentin** (if initiated pre-op): continue through POD3 or POD7 per Ortho team
- Diazepam** 0.05 mg/kg/dose q6hr (max 2.5 mg/dose) PRN *Dispense only 10 tablets
- Polyethylene glycol** 17 g daily PRN constipation or if still requiring oxycodone

Discharge Instructions:

- Provider to place KidsHealth information into AVS/Discharge instructions: (1) Opioid Analgesics Short-term Use for Parent (2) Opioid Analgesics Short-term Use for Teen (3) Narcan Spray, How to Give; Ensure "Opioid Discharge Instructions" within AVS
- Dressing to remain in place (will be removed in ~1 week in f/u)
- Allow glue on back to peel off spontaneously (usually requires 2 weeks)
- Restrictions: no sports, gym or bending at waist for 6 weeks.
- Avoid marijuana and other non-prescription drugs
- Ortho follow up plan: 4 weeks (wound check), 3 months (PA/lateral scoliosis film), 1 year (PA/lateral scoliosis film), then annually.
- Call CT Children's Orthopedic office (860) 545-9100 for any concerns, especially persistent fevers, increasing back pain or wound drainage.



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POSS Scale (Pasero Opioid-Induced Sedation Scale)

Sedation Level	Description	Nursing Intervention
S	Sleep, easy to arouse	<p>Acceptable No action necessary</p> <ul style="list-style-type: none"> • May consider increasing dose if needed
1	Awake and alert	
2	Slightly drowsy, easily aroused	
3	Frequently drowsy, arousable, drifts off to sleep during conversation	<p>Unacceptable</p> <ul style="list-style-type: none"> • Closely monitor respiratory status and sedation level • Notify prescriber
4	Somnolent, minimal or no response to verbal and physical stimulation	<p>PAUSE OPIOID INFUSION. Unacceptable</p> <ul style="list-style-type: none"> • Closely monitor respiratory status and sedation level • Notify prescriber • Consider Narcan

The POSS Scale is a validated tool used to assess sedation after every opioid administration (e.g., Fentanyl, Morphine, Oxycodone).

INSTRUCTIONS:

1. Complete POSS score within 1 hour of every opioid administration, including ATC and PRN dosing.
2. Complete POSS and pain re-assessment at the same time.
3. Document the level of sedation that best describes the assessment of your patient's sedation.

For patients on a PCA/NCA or continuous infusion:

1. Assess POSS sedation level/respiratory status every 1-2 hours for the first 24 hours, and with a dose change.
2. After 24 hours and stable, assess POSS every 4 hours with pain assessment and vital signs.

In the PICU, POSS is not used when the patient is intubated as long as the patient is being assessed with a validated sedation tool (e.g., SBS).



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