

**IP ACUTE EB PRE-OP APPENDICITIS/APPENDECTOMY SURGICAL ADMISSION ORDER SET [498]**[Evidence-Based Appendicitis/Appendectomy Algorithm](#)URL: [http://connect2depts.texaschildrens.org/depts/1/nursing/Evidence%20Based%20Outcomes%20Center/Documents/Appendicitis%20Appendectomy/Appy\\_Algorithm\\_Addendum\\_FINAL.pdf](http://connect2depts.texaschildrens.org/depts/1/nursing/Evidence%20Based%20Outcomes%20Center/Documents/Appendicitis%20Appendectomy/Appy_Algorithm_Addendum_FINAL.pdf)[Evidence-Based Appendicitis/Appendectomy Guidelines](#)URL: [http://connect2depts.texaschildrens.org/depts/1/nursing/Evidence%20Based%20Outcomes%20Center/Documents/Appendicitis%20Appendectomy/Appy\\_Guideline\\_Addendum\\_FINAL.pdf](http://connect2depts.texaschildrens.org/depts/1/nursing/Evidence%20Based%20Outcomes%20Center/Documents/Appendicitis%20Appendectomy/Appy_Guideline_Addendum_FINAL.pdf)**Activity****Activity [7852]**

<input checked="" type="checkbox"/>	Activity As Tolerated [NUR304004]	Routine, UNTIL SPECIFIED, Starting today, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	Bedrest [NUR304645]	Routine, UNTIL SPECIFIED, Starting today, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	Bathroom Privileges [NUR304043]	Routine, UNTIL SPECIFIED, Starting today, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	Out of Bed, Progress to Ad Lib Ambulation [NUR304543]	Routine, UNTIL SPECIFIED, Starting today, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	Crib with Siderails Up [NUR304536]	Routine, UNTIL SPECIFIED, Starting today, PRE-OP (DAY OF SURGERY)

**Diet/Nutrition****Diet/Nutrition [Pre-Op Appendectomy] [19806]**

<input type="checkbox"/>	Diet NPO - Strict [FNS504]	Routine, DIET EFFECTIVE NOW, Starting today, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	Instructions to Nursing - Diet Surgical Pre-Op/Pre-Procedure NPO [NUR304999]	Routine, CONTINUOUS, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	Diet NPO - Except/With [FNS505]	Routine, DIET EFFECTIVE NOW, Starting today Except/with: PRE-OP (DAY OF SURGERY)

**Vital Signs****Vital Signs [Pre-Op Appendectomy] [19807]**

<input checked="" type="checkbox"/>	Vital Signs [NUR304433]	Routine, PER UNIT POLICY, Starting today, PRE-OP (DAY OF SURGERY)
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**Nursing****Nursing [Pre-Op Appendectomy] [6270]**

<input checked="" type="checkbox"/>	Record last antibiotic dose on chart [NUR304268]	Routine, UNTIL SPECIFIED, Starting today, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	Insert Peripheral IV [NUR304462]	Routine, ONE TIME, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	Record Weight [NUR304667]	Routine, ONE TIME, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	Intake and Output [NUR304192]	Routine, QSHIFT, PRE-OP (DAY OF SURGERY)

**Ancillary Orders/Consults****Ancillary Orders/Consults [Pre-Op Appendectomy] [8571]**

<input checked="" type="checkbox"/>	Child Life Request-Procedural/Surgery Prep [CLS101]	Routine Reason for request: Name procedure requiring prep/support: What date is procedure scheduled ? What time is procedure scheduled ? PRE-OP (DAY OF SURGERY)
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**Medications****Per Protocol [5727]**

<input checked="" type="checkbox"/>	Procedural Pain Medication Per Protocol [NUR304569]	Routine, ONE TIME, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	Acetaminophen Per Protocol [NUR304570]	Routine, ONE TIME, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	Flush Per Protocol [NUR304808]	Routine, UNTIL SPECIFIED, Starting today, PRE-OP (DAY OF SURGERY)

**IV Fluids [Pre-Op Appendectomy] [6319]**

<input type="checkbox"/>	lactated ringers (LR) Bolus Injection (Usual dose: 20 mL/kg; MAX: 1 liter per bolus) [116802]	20 mL/kg, for 1 Hours, Intravenous, ONCE Starting today, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	lactated ringers (LR) Continuous Infusion [4318]	Intravenous, CONTINUOUS, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	dextrose 5% - sodium CHLORide 0.45% (D5-1/2NS) Continuous Infusion [9814]	Intravenous, CONTINUOUS, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	dextrose 5% - sodium CHLORide 0.45% (D5-1/2NS) + KCl 2 mEq/100 mL Continuous Infusion [106319]	Intravenous, CONTINUOUS, PRE-OP (DAY OF SURGERY)

**Antibiotics [Pre-Op Appendectomy] (Single Response) [6860]**

piperacillin/tazobactam (ZOSYN) Injection [Consult the TCH formulary for dosing NEONATES and patients with RENAL DYSFUNCTION]

<input type="checkbox"/>	Children $\geq$ 30kg-Adults: 3000 mg q6 hours piperacillin/tazobactam (ZOSYN) Inj [116242]	3,000 mg Intravenous, EVERY 6 HOURS Starting today with First Dose Include Now, PRE-OP (DAY OF SURGERY)
<input type="checkbox"/>	Infants/Children <30kg: 100 mg/kg/dose q6 hours piperacillin/tazobactam (ZOSYN) Inj [116242]	100 mg/kg Intravenous, EVERY 6 HOURS Starting today with First Dose Include Now, PRE-OP (DAY OF SURGERY)

NEONATES <28 days or patients with RENAL DYSFUNCTION dosing: Consult TCH FORMULARY piperacillin/tazobactam (ZOSYN) Inj [116242]	Intravenous, PRE-OP (DAY OF SURGERY)
<b>Antibiotics for the OR [Pre-Op Appendectomy] (Single Response) [6325]</b> piperacillin/tazobactam (ZOSYN) Injection [Consult the TCH formulary for dosing NEONATES and patients with RENAL DYSFUNCTION]	
Children >=30kg-Adults: 3000 mg piperacillin/tazobactam (ZOSYN) Inj [116242]	3,000 mg Intravenous, INTRA-OP For 1 Doses, intra-op Dose of antibiotic should be given within 30 minutes of first incision regardless of previous antibiotic dose-to be given in the holding area. Dose based on piperacillin component. PRE-OP (DAY OF SURGERY)
Infants/Children <30kg: 100 mg/kg piperacillin/tazobactam (ZOSYN) Inj [116242]	100 mg/kg Intravenous, INTRA-OP For 1 Doses, intra-op Dose of antibiotic should be given within 30 minutes of first incision regardless of previous antibiotic dose-to be given in the holding area. Dose based on piperacillin component. PRE-OP (DAY OF SURGERY)
NEONATES <28 days or patients with RENAL DYSFUNCTION dosing: Consult TCH FORMULARY piperacillin/tazobactam (ZOSYN) Inj [116242]	Intravenous, INTRA-OP For 1 Doses, intra-op Dose of antibiotic should be given within 30 minutes of first incision regardless of previous antibiotic dose-to be given in the holding area. Dose based on piperacillin component. PRE-OP (DAY OF SURGERY)
<b>Antibiotics (penicillin/cephalosporin allergic) [Pre-Op Appendectomy] [6866]</b>	
ciprofloxacin (20-30 mg/kg/DAY divided every 12 hours; MAX: 400 mg/dose or 800 mg/DAY) and metronidazole (7.5 mg/kg every 6 hours; MAX: 1500 mg/DAY) [102953]	"And" Linked Panel
<b>For patients with Type I penicillin/cephalosporin allergy</b>	
ciprofloxacin Injection [116008]	Intravenous, for 60 Minutes, EVERY 12 HOURS Starting today with First Dose Include Now, PRE-OP (DAY OF SURGERY)
meTRONidazole Injection [5018]	7.5 mg/kg Intravenous, for 60 Minutes, EVERY 6 HOURS Starting today with First Dose Include Now, PRE-OP (DAY OF SURGERY)
<b>Pain Medications [Pre-Op Appendectomy] [6326]</b>	
morphine Injection (Usual dose: 0.1 mg/kg/dose; MAX: 6 mg/dose in the opioid-naive patient. Up to 15 mg/dose may be required for chronic opioid users) [116798]	0.1 mg/kg Intravenous, EVERY 2 HOURS PRN, pain, PRE-OP (DAY OF SURGERY)
hydrocodone/acetaminophen (HYCET) Oral Solution 0.5 mg-21.67 mg/mL (Usual dosing Children 2-13 years or <50 kg: weight 15-19.9kg=5 mL; weight 20-29.9kg=7.5 mL; weight 30-39.9kg=10 mL; weight >= 40kg =15 mL) [117493]	Oral, PRE-OP (DAY OF SURGERY)
hydrocodone-acetaminophen (NORCO 5) Oral Tablet 5 mg-325 mg [34505]	Oral, PRE-OP (DAY OF SURGERY)
hydrocodone/acetaminophen (NORCO 7.5) Oral Tablet 7.5 mg-325 mg [34544]	Oral, PRE-OP (DAY OF SURGERY)
acetaminophen Injection 10 mg/mL [113770]	Intravenous, for 15 Minutes, PRE-OP (DAY OF SURGERY)
<b>PCA</b>	
PCA/NCA URL: \\tcvavp3e\Clinical\DecisionSupport\NonEBOCGuidelinesAlgorithmsInformation\RXPCAOrderSet\PCADecisionSupportGuidelines.pdf	
<u>Dosing Guidelines</u>	
<b>Nursing [PCA] [9430]</b>	
Assess Sedation Score [NUR304530]	Routine, PRN, Starting today Q 1 hr x 4 hrs, then q 4 hr (repeat with each dosage change), PRE-OP (DAY OF SURGERY)
Assess Pain Score [NUR304532]	Routine, PRN, Starting today Q 1 hr x 4 hrs, then q 4 hr (repeat with each dosage change), PRE-OP (DAY OF SURGERY)
Check Respiratory Rate [NUR304089]	Routine, PRN, Starting today Q 1 hr x 4 hrs, then Q 4 hr (repeat with each dosage change), PRE-OP (DAY OF SURGERY)
Notify Physician (Specify) [NUR304265]	Routine, UNTIL SPECIFIED, Starting today Persistent pain (Pain score > 5/10) Sedation score >2 Respiratory rate <15 if less than 1 year; < 12 if 1-5 years and <9 if over 5 years of age., PRE-OP (DAY OF SURGERY)
<b>Monitoring [PCA] [9431]</b>	
Cardiac Monitoring with Pulse Oximetry [NUR304540]	Routine, UNTIL SPECIFIED, Starting today, PRE-OP (DAY OF SURGERY)
<b>PCA Infusion [9433]</b>	
naloxone Injection 0.4 mg/mL [5373]	0.01 mg/kg Intravenous Push, PRN, respiratory depression, apnea or marked respiratory depression, PRE-OP (DAY OF SURGERY)

■ morphine PCA Infusion [116372]	Intravenous PCA Dosing Type =: Control Type =: Interval/PCA Dose (mg): Lockout Interval (minutes): Continuous Infusion Rate (mg/hr): 4-Hour/MAX Limit (mg): Loading/Bolus Dose (mg): CONTINUOUS, PRE-OP (DAY OF SURGERY)
■ fentanyl 10 mcg/mL in sodium CHLORide 0.9% (NS) PCA Infusion [116370]	Intravenous PCA Dosing Type =: Control Type =: Interval/PCA Dose (mcg): Lockout Interval (minutes): Continuous Infusion Rate (mcg/hr): 4-Hour/MAX Limit (mcg): Loading/Bolus Dose (mcg): CONTINUOUS For PCA or NCA use ONLY * NURSE: PRIME TUBING * *Last Minute Preparation* Complete Shingle Sheet * PRE-OP (DAY OF SURGERY)
■ HYDROMORPHONE (DILAUDID) PCA Infusion 0.2 mg/mL [120555]	Intravenous PCA Dosing Type =: Control Type =: Interval/PCA Dose (mg): Lockout Interval (minutes): Continuous Infusion Rate (mg/hr): 4-Hour/MAX Limit (mg): Loading/Bolus Dose (mg): CONTINUOUS For PCA or NCA use ONLY * NURSE: PRIME TUBING * *Last Minute Preparation* Complete Shingle Sheet * PRE-OP (DAY OF SURGERY)
<b>For Itching [PCA] [9434]</b>	
■ diphenHYDRAMINE (BENADRYL) Injection 50 mg/mL [2508]	1 mg/kg Intravenous, for 15 Minutes, EVERY 6 HOURS PRN, itching, PRE-OP (DAY OF SURGERY)
■ diphenHYDRAMINE (BENADRYL) Oral Elixir 2.5 mg/mL [2511]	1 mg/kg, Oral, EVERY 6 HOURS PRN, itching, PRE-OP (DAY OF SURGERY)
■ diphenHYDRAMINE (BENADRYL) Oral Tablet 25 mg [2513]	25 mg, Oral, EVERY 6 HOURS PRN, itching, PRE-OP (DAY OF SURGERY)
■ hydroXYZINE (VISTARIL) Intramuscular Injection 25 mg/mL [3769]	0.5 mg/kg, Intramuscular, EVERY 6 HOURS PRN, itching, PRE-OP (DAY OF SURGERY)
■ hydroXYZINE (ATARAX) Oral Syrup 2 mg/mL [3771]	0.5 mg/kg, Oral, EVERY 6 HOURS PRN, itching, PRE-OP (DAY OF SURGERY)
■ hydroXYZINE (ATARAX) PO TAB [3772]	0.5 mg/kg, Oral, EVERY 6 HOURS PRN, itching, PRE-OP (DAY OF SURGERY)
<b>For Nausea [PCA] [9435]</b>	
■ metoCLOPRamide (REGLAN) Injection [116077]	0.1 mg/kg Intravenous, EVERY 6 HOURS PRN, nausea, vomiting, PRE-OP (DAY OF SURGERY)
■ ondansetron Injection (Note: Repeating a second ondansetron dose in patients who did not achieve adequate control of postoperative nausea and vomiting after a single dose will not provide additional control.) [116093]	0.1 mg/kg Intravenous, ONCE PRN For 1 Doses, nausea, vomiting, PRE-OP (DAY OF SURGERY)
■ prochlorPERazine (COMPazine) Oral Tablet 5 mg (NOT recommended for children < 10 kg or < 2 years) [6583]	5 mg, Oral, EVERY 12 HOURS PRN, nausea, vomiting, PRE-OP (DAY OF SURGERY)
■ proMETHazine (PHENERGAN) Injection 25 mg/ml (for patients >= 2 years) [6618]	0.25 mg/kg Intravenous, for 10 Minutes, EVERY 6 HOURS PRN, nausea, vomiting, PRE-OP (DAY OF SURGERY)
■ proMETHazine (PHENERGAN) Rectal Suppository (for patients >= 2 years) [11143]	0.25 mg/kg, Rectal, EVERY 6 HOURS PRN, nausea, vomiting, PRE-OP (DAY OF SURGERY)
■ proMETHazine (PHENERGAN) Oral Syrup 1.25 mg/mL (for patients >= 2 years) [6620]	0.25 mg/kg, Oral, EVERY 6 HOURS PRN, nausea, and vomiting, PRE-OP (DAY OF SURGERY)
■ proMETHazine (PHENERGAN) Oral Tablet 25 mg (for patients >= 2 years) [6622]	25 mg, Oral, EVERY 6 HOURS PRN, nausea, vomiting, PRE-OP (DAY OF SURGERY)
<b>For Constipation [PCA] [9436]</b>	

**NOTE:** Bisacodyl and Senna should not be ordered concurrently.

**Bisacodyl**

3-12 years: 5 mg PO daily

>= 12 years: 10 mg PO daily

**Docusate sodium**

<3 years: 20 mg PO twice daily

>= 3 years - 6 years: 50 mg PO **daily**

>= 6 years - 13 years: 50 mg PO twice daily

>= 13 years: 100 mg PO twice daily

**Polyethylene glycol (Miralax)**

(>= 6 months of age)

<= 7kg: 4.25 grams PO daily

8 kg - <= 15 kg: 8.5 grams PO daily

>= 16 kg: 17 grams PO daily

**Senna**

1 month - 2 years: 2.2 mg PO at bedtime

>= 2 years - 6 years: 4.4 mg PO at bedtime

>= 6 years - 12 years: 8.6 mg PO at bedtime

>= 12 years: 17.2 mg PO at bedtime

■ bisacodyl Oral Enteric Coated Tablet 5 mg [1079]	Oral, DAILY, PRE-OP (DAY OF SURGERY)
■ docusate Oral Liquid 10 mg/mL [131064]	Oral, PRE-OP (DAY OF SURGERY)
■ docusate Oral Capsule [2568]	Oral, PRE-OP (DAY OF SURGERY)
■ senna (sennosides) Oral Syrup 1.76 mg/mL [15168]	Oral, AT BEDTIME, PRE-OP (DAY OF SURGERY)
■ senna Oral Tablet 8.6 mg [18138]	Oral, AT BEDTIME, PRE-OP (DAY OF SURGERY)
■ No scheduled bowel regimen [NUR304268]	Routine, ONE TIME For 1 Occurrences, PRE-OP (DAY OF SURGERY)