



## Division of Paediatric Emergency Medicine ABDOMINAL PAIN – RULE OUT APPENDICITIS ORDER SET

For children aged 2-17 years old who meet the criteria below.  
Children with co-morbidities that may affect the treatment course should be discussed further.

WEIGHT (KG)	ALLERGIES <input type="checkbox"/> NKDA
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The patient **must have ONE** of the following clinical signs:

Any tenderness in the right lower quadrant with palpation by examiner **OR**

Rebound tenderness in the right lower quadrant

**AND**

The patient **must also have 2 OR MORE** of the following screening criteria:

Any complaint of focal right lower quadrant pain by patient

Nausea and/or vomiting

Anorexia

Febrile and/or history of fever (38.0°C or greater)

Ordering provider Printed name, Signature & Date/Time	ORDERS - Nurse to inform MD of initiation of Order Set	Noted by RN Initials & Time
	NPO	
	Urinalysis ** then advise patient not to void again (for possible Ultrasound) <input type="checkbox"/> Send Urine for culture if positive <input type="checkbox"/> Urine B-HCG if postmenarchal female	
	CBC, differential, electrolytes, urea, creatinine, glucose	
	Additional bloodwork _____	
	NS _____ mL IV bolus (20 mL/kg) over 30 minutes	
	IV D5W/NS at _____ mL/hour (maintenance)	
	acetaminophen _____ mg PO/PR q4h prn (15 mg/kg/dose, max PO dose: 75 mg/kg/day or 4 g/day, whichever is less)	
	morphine _____ mg IV q2 – 4h prn (0.05 to 0.1 mg/kg/dose, max: 7.5 mg/dose)	

**MD to assess labs and calculate the Paediatric Appendicitis Score (PAS) /10**

**MD to Order Ultrasound if there is a suspicion for appendicitis**

- Fill out the Requisition for Diagnostic Imaging (Give history and PAS score if calculated)
- Monday to Friday 0800 to 1700 - Call the Ultrasound Flow Coordinator at ext. 5959 and request an Ultrasound. Fax the requisition to Second Floor Ultrasound.
- Monday to Friday 1700 to 0800 and Weekends - Page the Radiology Resident and request an Ultrasound. Fax the requisition to Atrium and Second Floor Ultrasounds.

## Paediatric Appendicitis Score (PAS)

Finding	Points	Finding	Points
Nausea/vomiting	1	Neutrophilia	1
Anorexia	1	RLQ tenderness	2
Fever	1	Hopping/percussion tenderness	2
Migration of pain	1		
Leukocytosis (greater than 10 000)	1	<b>TOTAL</b>	<b>10</b>

3 or less	Low Probability of Appendicitis
4 - 7	Moderate Probability of Appendicitis
8 or above	High Probability of Appendicitis

### Clinical Decision Pathway

