



# UCSF Benioff Children's Hospitals

### 1. Perform Complete H&P:

- History: include duration and course of symptoms, fever, vomiting, oral intake, diarrhea, bloody stools, urinary symptoms, GYN history, exposures, sick contacts, rash, sore throat, travel history.
- PE: Include vital signs, abdominal exam, GU exam, complete skin exam. (Exit algorithm if alternative dx made or exclusion criteria met)

### 2. Lab criteria:

- CBC, UA
- Consider CMP, lipase, bHCG

### 3. Pediatric Appendicitis Score (PAS):

- Cough/percussion/hopping tenderness in the right lower quadrant: **2 pts**
- Anorexia: **1 pt**
- Temp  $\geq 38^{\circ}\text{C}/100.4^{\circ}\text{F}$ : **1 pt**
- Nausea/emesis: **1 pt**
- RLQ tenderness: **2 pts**
- Migration of pain: **1 pt**
- WBC  $\geq 10,000$ : **1 pt**
- ANC  $> 7,500$ : **1 pt**

### 4. Ultrasound Criteria:

- Concern for acute appendicitis and an intermediate PAS 3-6 without meeting any exclusion criteria.
- Consider ultrasound evaluation of the ovaries in adolescent and older girls.

### 5. UCSF IDMP Antibiotics:

- [Link to UCSF Infections Disease Management Program.](#)

### 6. Equivocal Ultrasound:

- May request attending read
- Inflammation: extraluminal free fluid, periappendiceal fat inflammation, hyperemia

### 7. Discharge Criteria:

- Considered alternative ddx
- Nontoxic
- Tolerating PO
- Reasonable follow up plan for abdominal re-evaluation.
- Consider PMD contact and coordination.

### Inclusion Criteria:

- Age 3 yrs--18 yrs
- Symptoms concerning for possible appendicitis.

### Exclusion Criteria:

- Non-acute ( $>1$  week)
- Hemodynamically unstable.
- Chronic inflammatory disease or immune suppression.
- Prior abdominal surgery, pregnancy, sickle cell disease, and prior treatment with antibiotics.

