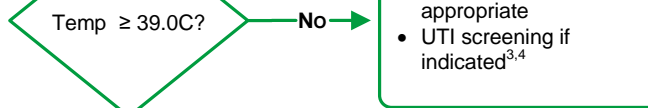
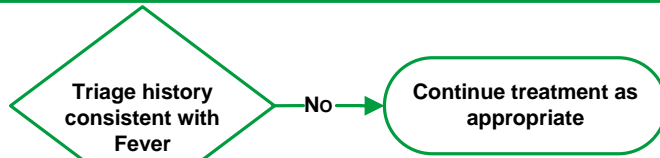


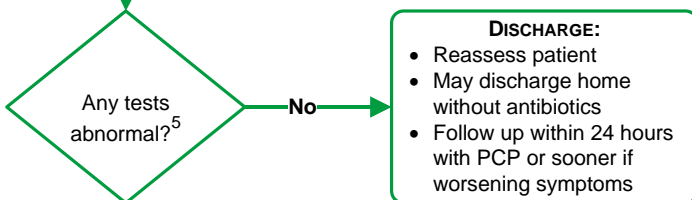
## PRESENTING WITH TEMPERATURE $\geq 38.0$ C RECTAL



**Testing and Treatment Considerations**

- Urinalysis with reflex to culture<sup>3,4,5,6</sup>
- CBC with Diff
- Blood Cultures
- OTHER TESTS AS CLINICALLY INDICATED
- If LP performed, consider Enteroviral PCR

If considering UTI, ensure urine culture is sent from an acceptable specimen



**UTI Treatment**

- Consider CefTRIAXone (50mg/kg IV/IM) if risk of bacteremia; ensure blood culture is done
- UTI treatment if abnormal UA<sup>7</sup>

If well appearing, discharge home to follow up within 24 hours with PCP or sooner if worsening symptoms

### EXCLUSION CRITERIA

- Toxic appearance
- Underlying immunodeficiency
- Chronic disease
- Currently on antibiotics
- Immunizations within 48 hrs
- Presenting with seizure
- Petechiae
- Unreliable social situation

### <sup>2</sup>SOURCE OF FEVER

- Well defined viral illness (e.g., bronchiolitis, varicella, gingivostomatitis, herpangina, etc.)
- Specific bacterial illness (e.g., otitis media, etc.)
- Well defined bacterial infections (eg, pneumonia, localized infection/cellulitis, etc.)

### <sup>3</sup>UTI RISK FACTORS

- | Females:  | Males:   |
|---|--|
| <ul style="list-style-type: none"> <li>Age &lt; 12 months</li> <li>Temperature <math>\geq 39.0</math>C</li> <li>Fever <math>\geq 2</math> Days</li> <li>Absence of another source of infection</li> </ul> | <ul style="list-style-type: none"> <li>Temperature <math>\geq 39.0</math>C</li> <li>Fever &gt; 24 hours</li> <li>Absence of another source of infection</li> </ul> |

### <sup>4</sup>PROBABILITY OF UTI

Number of Risk Factors Present		Probability of UTI
Circumcised Male	Female	
$\leq 2$ risk factors	$\leq 1$ risk factor	$\leq 1\%$
$\leq 3$ risk factors	$\leq 2$ risk factors	$\leq 2\%$

*In uncircumcised male, probability exceeds 1% even with no risk factors*

### <sup>5</sup>ABNORMAL LAB TESTS

- Abnormal UA:**
- >9 WBC hpf (high power field) or
  - Nitrites positive or
  - LES  $\geq 2+$
- If considering UTI, ensure urine culture is sent from an acceptable specimen
- Risk for bacteremia:**
- WBC  $\geq 20,000$
  - Absolute Neutrophil Count  $\geq 10,000$

### <sup>6</sup>URINALYSIS WITH REFLEX TO CULTURE

- Urinalysis will reflex to culture if:
- WBC >9 or
  - Nitrite positive or
  - LES  $\geq 2+$

### <sup>7</sup>UTI TREATMENT

- Inpatient therapy if:**
- Ill appearing
  - Persistent vomiting
  - Unreliable family situation
- Outpatient therapy:**
- Antibiotic options based on local pathogens and sensitivities
    - Cephalexin 25mg/kg/dose TID x 10 days is drug of choice
    - Alternative is 2<sup>nd</sup> generation cephalosporin, Cefprozil 15mg/kg/dose BID if there is concern with compliance with TID dosing
  - Consider 1<sup>st</sup> dose of antibiotic (cephalexin) before discharge