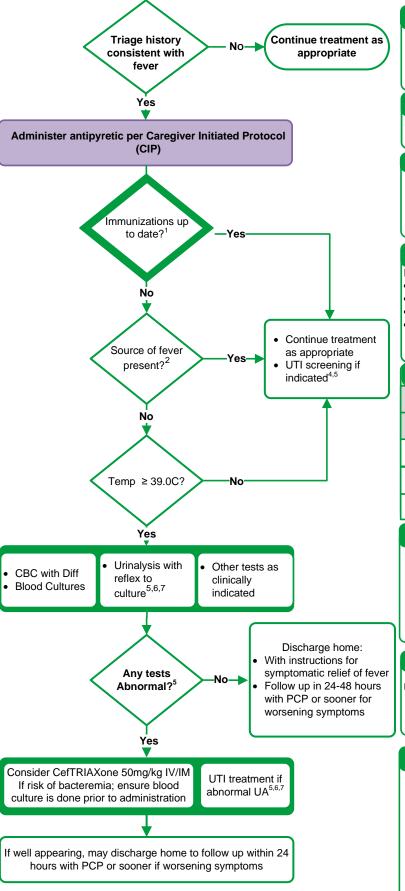


Presenting with temperature ≥ 38.0 C



### **EXCLUSION CRITERIA**

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

### <sup>1</sup>IMMUNIZATIONS

**Up To Date:** Has received primary series of pneumococcal and HIB vaccines

### <sup>2</sup>Source of Fever

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

### <sup>3</sup>URINARY TRACT INFECTION (UTI) RISK FACTORS

#### Females:

- Age < 12 months</li>
- Temperature ≥ 39.0C
- Fever ≥ 2 Days
- Absence of another source of infection

#### Males:

- Temperature ≥ 39.0C
- Fever > 24 hours
- Absence of another source of infection

#### <sup>4</sup>Probability of UTI

Number of Risk Factors Present		Probability of UTI
Circumcised Male	Female	1 Tobability of OTI
≤2 risk factors	≤1 risk factor	<u>&lt;</u> 1%
≤3 risk factors	≤2 risk factors	<u>&lt;2</u> %

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

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

Abnormal UA: proceed with Culture

by cath

- >9 WBC hpf (high power field) or
- Nitrites positive or
- LES ≥2+

# Risk for bacteremia:

- WBC ≥20,000
- Absolute Neutrophil Count ≥10,000

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

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

Urinalysis will reflex to culture if:

- WBC>9 or
- · Nitrite positive or
- LES<u>></u>2+

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

#### Inpatient therapy if:

- III appearing
- Vomiting
- Unreliable family situation

### **Outpatient therapy:**

- o 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