



**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:**
- White race
  - Age < 12 months
  - Temperature  $\geq 39.0C$
  - Fever  $\geq 2$  Days
  - Absence of another source of infection
- Males:**
- Nonblack race
  - Temperature  $\geq 39.0C$
  - 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	
$\leq 2$ 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:** proceed with Culture by cath
- **>9 WBC hpf (high power field) or**
  - Nitrites positive or
  - LES  $\geq 2+$
- Risk for bacteremia:**
- WBC  $\geq 20,000$
  - Absolute Neutrophil Count  $\geq 10,000$
- 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  $\geq 2+$

**<sup>7</sup>UTI TREATMENT**

- Inpatient therapy if:**
- Ill appearing
  - Vomiting
  - Unreliable family situation
- Outpatient therapy:**
- 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