



EXCLUSION CRITERIA

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

¹IMMUNIZATIONS

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

²SOURCE 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)

³URINARY TRACT INFECTION (UTI) RISK FACTORS

- Females:**
- White race
 - Age < 12 months
 - Temperature $\geq 39.0C$
 - Fever ≥ 2 Days
 - Absence of another source of infection
- Males:**
- Nonblack race
 - Temperature $\geq 39.0C$
 - Fever > 24 hours
 - Absence of another source of infection

⁴PROBABILITY OF UTI

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

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

⁵ABNORMAL 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

⁶URINALYSIS WITH REFLEX TO CULTURE

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

⁷UTI 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 2nd generation cephalosporin, Cefprozil 15mg/kg/dose BID if there is concern with compliance with TID dosing
 - Consider 1st dose of antibiotic (cephalexin) before discharge