**FEVER CLINICAL & DIAGNOSTIC ALGORITHM**

**PATIENTS WITH FEVER**

**CLINICAL EVALUATION**

**DIAGNOSTIC TESTS**

**CLINICAL DECISION**

**RESPIRATORY SYNDROMES**

- **Flu A & B**
  - All patients
  - Symptomatic treatment, no antibiotic

- **RSV**
  - If <2 years old
  - Symptomatic treatment, no antibiotic

- **GAS**
  - If sore throat, tonsillitis
  - Antibiotic irrespective of CRP, CBC

- **S.pneumoniae**
  - If otitis, sinusitis and/or lower respiratory tract infections
  - Antibiotic irrespective of CRP, CBC

**MIXED: RESPIRATORY & NON-RESPIRATORY**

**NON-RESPIRATORY SYNDROMES**

- **Malaria**
  - All patients
  - Antimalarial, no antibiotic

- **Dengue**
  - All patients
  - Symptomatic treatment, no antibiotic

- **Chikungunya**
  - All patients
  - Symptomatic treatment, no antibiotic

- **Typhoid**
  - All patients
  - Antibiotic irrespective of CRP, CBC

- **Scrub typhus**
  - All patients
  - Antibiotic irrespective of CRP, CBC

- **Leptospira**
  - All patients
  - Antibiotic irrespective of CRP, CBC

- **Urine**
  - All patients
  - Antibiotic if nitrate/leucocytes positive and others negative

**Use CRP, CBC and decision aid**

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*This template has been slightly adapted by the study sites to reflect differences in prevailing causes of infections in the countries.

1. Diagnostic panel depending on local endemicity. 2. Including patients with respiratory symptoms at malaria-endemic sites. 3. Start treatment followed by culture if indicated.

GAS, group A streptococci; RSV, respiratory syncytial virus.
CRP, CBC DECISION AID

COMPLETE BLOOD COUNT (CBC)

11000

WHITE BLOOD CELLS (WBC) <11000 & NEUTROPHILS <75%
- Antibiotic if clinically indicated
- Antibiotic if <5 years old meeting WHO pneumonia criteria

WBC >11000 &/OR NEUTROPHILS >75%
- Antibiotic

C-REACTIVE PROTEIN (CRP)

80
- Antibiotic if clinically indicated
- Antibiotic if <5 years old meeting WHO pneumonia criteria

20
- No antibiotic
- Antibiotic if <5 years old meeting WHO pneumonia criteria