



**Patient symptoms**  
**TESTING PANEL**



**SAMPLE TYPE**  
**Test performed**

All patients meeting inclusion criteria

**STANDARD**

**FINGERPRICK**

- FebriDx (Malawi only)

**EDTA-WHOLE BLOOD**

- Hematology
- HIV RDT
- Malaria RDT
- Typhoid RDT

**BLOOD CULTURE BOTTLES**

- Aerobic blood culture
- Anaerobic blood culture (when available)

**EDTA-PLASMA**

- Zika IgM/IgG ELISA and/or PCR
- Dengue NS1/IgM/IgG ELISA and/or PCR
- Chikungunya IgM/IgG ELISA and/or PCR
- Leptospira IgM/IgG ELISA or MAT
- Rickettsia IgM/IgG ELISA



IF Cough > 3 days duration  
OR Sore throat  
OR Productive cough with discoloured sputum  
OR Physical examination consistent with pneumonia  
OR Respiratory rate > 20 breaths/min

**RESPIRATORY INFECTION**

**THROAT SWAB**

- Strep Group A RDT
- Multiplex PCR for respiratory pathogens

**URINE**

- *S. pneumoniae* RDT



IF Stool frequency > 3 per day  
OR loose/liquid stools on at least 1 day/week prior admission  
OR other related gastro indication

**GASTROINTESTINAL INFECTION**

**STOOL**

- Microscopy
- Culture
- Adeno/Rotavirus RDT



IF Urine frequency  
OR Dysuria  
OR Flank pain  
OR Tenderness on physical examination

**URINARY TRACT INFECTION**

**URINE**

- Dipstick
- Culture



IF Symptoms of central nervous system infection

**CENTRAL NERVOUS SYSTEM INFECTION**

**CEREBRAL SPINAL FLUID**

- Cell count
- Gram stain
- Culture
- Cryptococcus RDT
- *S. pneumoniae* RDT



IF Cutaneous lesion  
OR Joint effusion consistent with infectious arthritis  
OR Mucosal infection/Ear discharge

**SKIN/JOINT/MUCOSAL INFECTION**

**ASPIRATE/PUS**

- Gram stain
- Culture

IF No other symptom-specific testing panel

**NO FOCUS**

**EDTA-WHOLE BLOOD**

- Cryptococcus RDT
- Syphilis RDT