



CLASSIFICATION

PRESUMED DIAGNOSIS

CASE DEFINITION

ALL FEBRILE PATIENTS

BACTERIAL	Sepsis	Positive blood culture with a bacterial pathogen
	Leptospirosis	Positive IgM and IgG against <i>Leptospira</i> (in baseline or follow-up sample) OR \geq fourfold rise in IgG titres
NON-BACTERIAL	Sepsis	Positive blood culture with yeast
	Arboviral infection - probable dengue	Positive PCR OR Positive NS1 OR Positive IgM and IgG against dengue (in baseline or follow-up sample) OR \geq fourfold rise in IgG titres
	Arboviral infection - probable Chikungunya	Positive PCR OR Positive IgM and IgG against Chikungunya OR \geq fourfold rise in IgG titres
	Arboviral infection - probable Zika	Positive PCR OR Positive IgM and IgG against Zika (in baseline or follow-up sample) OR \geq fourfold rise in IgG titres

SUSPECTED RESPIRATORY INFECTION

BACTERIAL	<i>S. pneumoniae</i>	Positive <i>S. pneumoniae</i> RDT on urine
	Streptococcal tonsillitis	Positive Group A Streptococcus RDT
NON-BACTERIAL	Viral respiratory infection	Positive PCR on throat swab for: <ul style="list-style-type: none"> • Influenza A virus (Flu A) • Influenza B virus (Flu B) • Respiratory syncytial virus A (RSV A) • Respiratory syncytial virus B (RSV B) • Parainfluenza virus 1 (PIV 1) • Parainfluenza virus 2 (PIV 2) • Parainfluenza virus 3 (PIV 3) • Parainfluenza virus 4 (PIV 4) • Metapneumovirus (MPV) • Adenovirus (AdV) or Positive PCR on throat swab AND (white cell count $\geq 10 \times 10^9/L$ OR lymphocytes $\geq 4 \times 10^9/L$): <ul style="list-style-type: none"> • Coronavirus NL63 (CoV NL63) • Coronavirus 229E (CoV 229E) • Coronavirus OC43 (CoV OC43) • Coronavirus HKU (CoV HKU) • Bocavirus (HBOV) • Enterovirus (HEV)

SUSPECTED GASTRO-INTESTINAL INFECTION

BACTERIAL	Bacterial gastroenteritis	Positive stool culture for <i>Clostridium difficile</i> , <i>Salmonella</i> serovars, <i>Bacillus cereus</i> , <i>Campylobacter</i> spp, <i>Yersinia enterocolitica</i> , <i>Vibrio</i> spp, <i>Aeromonas</i> spp
NON-BACTERIAL	Amoebic or parasitic gastroenteritis	<i>Entamoeba histolytica</i> , <i>Ascaris lumbricoides</i> , <i>Trichuris trichuria</i> , <i>Taenia</i> species or hookworm species on direct stool examination
	Viral gastroenteritis	Positive rotavirus/adenovirus RDT

SUSPECTED URINARY TRACT INFECTION

BACTERIAL	Urinary tract infection	Positive leukocytes or nitrites on urine dipstick AND positive urine culture with non-contaminant bacteria other than mixed flora
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SUSPECTED SKIN/JOINT/MUCOSAL INFECTION

BACTERIAL	Significant skin/joint/ear infection	Gram stain positive for gram-positive OR gram-negative OR rods OR cocci OR positive culture from aspirate or discharge
NON-BACTERIAL	Significant skin/joint/ear infection	Gram stain positive for fungus OR parasite

SUSPECTED CENTRAL NERVOUS SYSTEM INFECTION

BACTERIAL	Meningitis	Gram stain for gram-negative intracellular diplococci OR gram-positive diplococci OR gram-negative rods OR culture-positive for <i>Neisseria meningitidis</i> , <i>Streptococcus pneumoniae</i> , <i>Streptococcus agalactiae</i> , <i>Haemophilus influenzae</i> or other bacteria causing neonatal meningitis OR <i>S. pneumoniae</i> positive RDT in cerebrospinal fluid (CSF)
NON-BACTERIAL	Meningitis	Positive cryptococcal antigen RDT OR <i>Cryptococcus neoformans</i> observed in CSF culture OR yeast or <i>Trypanosoma</i> in Gram stain

NO FOCUS

BACTERIAL	Syphilis	Positive syphilis RDT
NON-BACTERIAL	Cryptococcal disease	Positive cryptococcal antigen RDT