

## CRITICAL RESULTS IN MICROBIOLOGY TO BE PHONED TO THE PRESCRIBER

### BACTERIO-MYCOLOGY

TEST	RESULT TO BE PHONED IMMEDIATELY
POSITIVE BLOOD CULTURE	Gram stain results Identified pathogen (Enterobacterales)
CEREBROSPINAL FLUID (CSF)	Gram stain positive Antigen detection Positive culture
ASCITIS	Neutrophils > 250/mm <sup>3</sup>
FLUIDS (ASCITIS, PLEURAL, SYNOVIAL)	Gram stain positive or positive culture
GENITAL SPECIMEN	Positive culture for <i>Neisseria gonorrhoeae</i>
BRONCHIAL SPECIMEN	Positive direct examination (BAL): bacteria or fungal hyphae Positive culture ( <i>Streptococcus pneumoniae</i> , <i>Staphylococcus aureus</i> , <i>Aspergillus sp.</i> , <i>Cryptococcus sp.</i> , <i>Nocardia</i> )
OSTEOARTICULAR, TISSUE SPECIMEN	Positive culture
MYCOBACTERIA (TB)	Positive result (PCR or Ziehl)
LEGIONELLA PNEUMOPHILA	Positive antigen, PCR, culture
HIGHLY PATHOGENIC MICROORGANISM	<i>Neisseria meningitidis</i> (CSF, BC) <i>Streptococcus pneumoniae</i> Group A <i>Streptococcus</i>
MULTI-DRUG RESISTANT (MDR) AND EMERGING HIGHLY RESISTANT BACTERIA (BHRE)	MRSA Methicillin-resistant <i>Staphylococcus aureus</i> ESBL-producing <i>Enterobacterales</i> VRE - Vancomycin-Resistant <i>Enterococcus faecium</i> Multi-drug resistant (MDR) or extensively drug-resistant (XDR) <i>Pseudomonas aeruginosa</i> or <i>Acinetobacter baumannii</i> CPE - Carbapenemase-Producing <i>Enterobacterales</i>

### PARASITOLOGY

TEST	RESULT TO BE PHONED IMMEDIATELY
MALARIA	<i>Plasmodium falciparum</i> (or sp.) detected in blood smear or rapid diagnostic test
MICROFILARIA	Microfilariae detected

<b>BILHARZIA</b>	Schistosoma detected
<b>SESEROLOGY</b>	
<b>HIV SCREENING</b>	HIV-positive result (except if known)
<b>HEPATITIS B OR C SCREENING</b>	Positive result (except if known)
<b>DENGUE, CHIKUNGUNYA, ZIKA SEROLOGY</b>	Positive acute-phase serology in pregnant women or critically ill patients
<b>SYPHILIS</b>	Positive serology for <i>Treponema pallidum</i> in a pregnant woman or a neonate