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Critical Alerts Values for Communication to Clinicians

- Critical alert values are laboratory results that indicate an urgent action to be taken.
- Alert the clinician to the critical alert value. Record the details of the communication to the clinician. **Also place on MCONS or MCOVR queue for any viral targets for attention of Microbiology team.**

Sample Type/Organism	Results for Reporting
HVS	<ul style="list-style-type: none"> • <i>Neisseria gonorrhoeae</i> • <i>Streptococcus agalactiae</i> (Haem strep Group B) from any pregnant female [in patient] or isolated in neonates from any site
Penile Swab	<ul style="list-style-type: none"> • <i>Neisseria gonorrhoeae</i>
Blood Cultures	<ul style="list-style-type: none"> • All organisms seen on Gram • All significant organisms isolated
CSF	<ul style="list-style-type: none"> • All Positive microscopy ie with result of Count, Gram and Differential. • Any target detected on ME panel on Biofire
Fluid Culture - Ascitic and Pleural Fluids	<ul style="list-style-type: none"> • All Positive Gram Stains on sterile fluids and growth
Throat Culture	<ul style="list-style-type: none"> • <i>S. pyogenes</i> [Group A Strep] • <i>C. diphtheriae</i> • <i>N. meningitidis</i> • <i>N. gonorrhoeae</i>
Sputum/Respiratory Culture	<ul style="list-style-type: none"> • <i>N. meningitidis</i>
Tissue Culture	<ul style="list-style-type: none"> • All positive gram stains and growth once identified
Wound Culture	<ul style="list-style-type: none"> • Gp A Streptococci
Central line tips	<ul style="list-style-type: none"> • >15 CFUs of Yeasts, <i>Staph aureus</i>, MRSA or Gram negative bacilli.
Group A streptococci	<ul style="list-style-type: none"> • From all sites on out patients i.e HVS, wounds, throats etc. • From all sites including throats on in patients.
<i>Streptococcus agalactiae</i> (Haem strep Group B)	<ul style="list-style-type: none"> • From ANY pregnant female or isolated in neonate from ANY site
Urine for antigen screening	<ul style="list-style-type: none"> • All positive results for Legionella urinary antigen
CPE Positive	<ul style="list-style-type: none"> • All positive screens, can be provisional based on lateral flow test in house whilst awaiting confirmation from CPE reference laboratory
Influenza A/ Influenza B and COVID-19	<ul style="list-style-type: none"> • All results of 'Detected'. Phone Indeterminate Covid results also.

Any other clinically significant results to be reported as deemed necessary by the Consultant Microbiologist

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