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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> (<i>Haem strep Group B</i>) 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 | <ul style="list-style-type: none"> • All Positive Gram Stains on sterile fluids and growth |
| Throat Culture | <ul style="list-style-type: none"> • <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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