

Ref: FOI/CAD/ID 3647

**Please reply to:**  
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### **Freedom of Information Act 2000**

I am writing in response to your request for information made under the Freedom of Information Act 2000 in relation to microbiological techniques.

Can you please list the precise microbiological techniques used in each hospital in your trust to identify or confirm the following infections.

1. *Clostridium difficile*
2. *Penicillin resistant Streptococcus pneumonia*
3. *Macrolide-resistant Group A Streptococcus*
4. *Clindamycin-resistant Group B Streptococcus*
5. *Meticillin resistant Staphylococcus aureus (MRSA)*
6. *Vancomycin resistant / intermediate Staphylococcus aureus*
7. *Glycopeptide-resistant*
8. *Multi-drug resistant Pseudomonas aeruginosa*
9. *Multi-drug resistant Acinetobacter*
10. *Drug resistant campylobacter*
11. *Fluconazole-resistant Candida albicans*
12. *Carbapenemase-Producing Enterobacteriaceae (CPE)*
13. *ESBL-Producing Enterobacteriaceae*
14. *AmpC-Producing Enterobacteriaceae*
15. *Drug resistant non-typhoidal Salmonella*
16. *Drug resistant Salmonella typhi / paratyphi*
17. *Drug resistant Shigella*
18. *Drug resistant TB (MRDTB, XDRTB, Pan-DRTB)*

1. GDH EIA screen, then Toxin A&B EIA and PCR for GDH positives
2. Oxacillin disc.
3. Referred if suspicious
4. Not tested
5. Nose, Throat and some patients have groin swabs using chromogenic agar
6. Disc and breakpoint (multi-point) susceptibility testing no screening
7. Screen rectal swabs onto chromogenic agar. disc and breakpoint (multi-point) susceptibility testing

8. Referred isolate if grown
9. Disc
10. Not looked for
11. Referred if required
12. Screen with ertapenem disc on MacConkey then use chromogenic agar (brilliance bi-plate CRE/ESBL)
13. Cefpodoxime on Mast Urisens for urines or Vitek 2 indication then Mast set of discs to confirm.
14. Cefpodoxime on Mast Urisens for urines or Vitek 2 indication then Mast set of discs to confirm.
15. Not tested
16. Not tested
17. Not tested
18. All strains referred to Ref lab