

Homerton University Hospital NHS Foundation Trust  
Hackney College  
Defoe Building, Room 10  
50 Hoxton Street  
N1 6LP

Date 24th November 2016

Email: [foi@homerton.nhs.uk](mailto:foi@homerton.nhs.uk)

Dear Sir or Madam,

**Ref: FOI 2880**

Thank you for your recent Freedom of Information request regarding Microbiological techniques used in Homerton hospital.

The Trust can provide the following information:

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

- **Clostridium difficile** – Immunochromatographic assay for GDH, if positive PCR for toxin genes and if positive immunochromatographic assay for toxin production.
- **Penicillin resistant streptococcus pneumonia** - Initial disc sensitivity, confirmed by gradient MIC
- **Macrolide-resistant Group A Streptococcus** - Disc sensitivity
- **Clindamycin-resistant Group B Streptococcus** - Disc sensitivity (including D-test)
- **Meticillin resistant Staphylococcus aureus (MRSA)** - Disc sensitivity
- **Vancomycin resistant / intermediate Staphylococcus aureus** - Gradient MIC, PHE (Public Health England) for confirmation
- **Glycopeptide-resistant enterococci** - Initial disc sensitivity, confirmed by gradient MIC
- **Multi-drug resistant Pseudomonas aeruginosa** - Initial disc sensitivity, confirmed by gradient MIC
- **Multi-drug resistant Acinetobacter** - Initial disc sensitivity, PHE for confirmation
- **Drug resistant campylobacter** - Initial disc sensitivity, PHE for confirmation
- **Fluconazole-resistant Candida albicans** – No in-house sensitivities performed, refer to PHE
- **Carbapenemase-Producing Enterobacteriaceae (CPE)** - Initial disc sensitivity, followed by gradient MIC, PHE for further work & confirmation

- **ESBL-Producing Enterobacteriaceae** - Initial cefpodoxime disc sensitivity, confirmation using combination discs
- **AmpC-Producing Enterobacteriaceae** - Initial cefpodoxime disc sensitivity, confirmation using combination discs
- **Drug resistant non-typhoidal Salmonella** - Initial disc sensitivity, PHE for further work & confirmation
- **Drug resistant Salmonella typhi / paratyphi** - Initial disc sensitivity, followed by gradient MIC , PHE for further work & confirmation
- **Drug resistant Shigella** - Initial disc sensitivity, PHE for further work & confirmation
- **Drug resistant TB (MRDTB, XDRTB, Pan-DRTB)** – GeneXpert screening for rifampicin resistance on selected patients, PHE for confirmation and further testing

If you have any queries about this response please contact the information governance manager at [foi@homerton.nhs.uk](mailto:foi@homerton.nhs.uk) , in the first instance. If following that, you still have any concerns, you may contact the Information Commissioner either by letter, FOI/EIR Complaints resolution, Wycliffe House, Water Lane, Wilmslow, Cheshire SM9 5AF, or by email [www.informationcommissioner.gov.uk](http://www.informationcommissioner.gov.uk) to take them further.

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Yours sincerely

Mohamed Uddin  
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Mike Dunne  
Information Governance Manager