# Supplementary 1. Topics and keyword used to identify topics

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cleaning** | **AMR** | **Hand hygiene** | **MROs** | **Education** | **Surveillance** | **SSI** | **UTI** | **PVD** | **Clostridium difficile** | **Quality improvement / Safety** | **Patient** |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Clean | antibiotics | hand | MRSA | Educating | surveillance | surgical | urinary | peripheral | difficile | QI | patient |
| Cleaning | AMR | alcohol | VRE | training | audit | surgery | urine | vascular | clostridium | quality | client |
| Cleaners | resistance | rub | CRE | education | auditing | SSI | catheter | PICC | CDI | PDSA | resident |
| Environmental | antibiotic | HH | ESBL | educate | monitor | site | CAUTI | central line | C.diff | lean | service user |
| cleanliness | antimicrobial | washing | methicillin |  | epidemiology | | HAUI | CVAD | Cdiff | sigma | consumer |
| detergent | stewardship | handhygiene | resistant |  |  |  | UTI | PVD | c. diff | safety |  |
| disinfectant | AMS | handwash |  |  |  |  | IDC | CVC | c diff | improvemen |  |
| terminal | GNR | wash |  |  |  |  | cath | IV | c-diff | t |  |
| cloth | ABX | hygiene |  |  |  |  |  |  |  |  |  |
| wipe |  |  |  |  |  |  |  |  |  |  |  |
| bleach |  |  |  |  |  |  |  |  |  |  |  |
| UV |  |  |  |  |  |  |  |  |  |  |  |
| hydrogen |  |  |  |  |  |  |  |  |  |  |  |
| peroxide |  |  |  |  |  |  |  |  |  |  |  |
| HP |  |  |  |  |  |  |  |  |  |  |  |
| ultra |  |  |  |  |  |  |  |  |  |  |  |
| decontamination | |  |  |  |  |  |  |  |  |  |  |

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| **Organism** | **BSI** | **Antiseptic** | **Antibiotics** | **Media** | **Program/ conference** | **Sterilisation** | **Endoscopes** | **Contact** | **IPC** | **Data** | **Team/department** |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Staph | BSI | Antiseptic | pip-tazo | news | program | sterilisation | endoscope | contact | IPC | data | ICP |
| Staphylococcus | blood | chlorhexidine | meropenem | media | conference | CSSD | endoscopy | precautions | IC | information | team |
| aureus | CLABSI | alcohol | pencillin | reporter | event | sterile | scope | isolation | infection control |  | unit |
| VRE | SAB | iodine | cipro | newspaper | social | disinfector |  | PPE |  |  | department |
| enterococcus | sepsis | povidine | ciprofloxacin | radio | session |  |  | protective |  |  | nurses |
| clostridium | septacemia | triclosan | amox | internet | plenary |  |  | screening |  |  | nursing |
| difficile | bacteraemia | Mupirocin | amoxcillin | blog | concurrent |  |  | screening |  |  | doctors |
| e.coli |  | CHG | vancomycin | Twitter | presentation |  |  | swab |  |  | physician |
| strep |  | wipes | vanc | tweet | oral |  |  | gloves |  |  | MD |
| klebsiella |  | bathing | polymixin | tweep | poster |  |  |  |  |  | RN |
| ebola |  | cloths | polymyxin | instagram | e-poster |  |  |  |  |  | Team/departmen |
| sars |  | Incidin | clavulanic | facebook | powerpoint |  |  |  |  |  |  |
| flu |  |  | clavulanate |  | function |  |  |  |  |  |  |
| influenza |  |  | carbapenem |  | cocktail |  |  |  |  |  |  |
| MERS |  |  | gentamycin |  | dinner |  |  |  |  |  |  |
| TB |  |  | cepha |  | reception |  |  |  |  |  |  |
| tuberculosis |  |  | keflex |  | talk |  |  |  |  |  |  |
| gram |  |  | mycin |  | speaker |  |  |  |  |  |  |
| acinobacter |  |  | floxac |  | present |  |  |  |  |  |  |
|  |  |  | azole |  | gala |  |  |  |  |  |  |
| Escherichia coli |  |  | trimeth |  | eposter |  |  |  |  |  |  |
| escherichia |  |  | sporin |  |  |  |  |  |  |  |  |
| ecoli |  |  | penem |  |  |  |  |  |  |  |  |
| e coli |  |  | colistin |  |  |  |  |  |  |  |  |
| MDRTB |  |  |  |  |  |  |  |  |  |  |  |
| MDR-TB |  |  |  |  |  |  |  |  |  |  |  |
| XDRTB |  |  |  |  |  |  |  |  |  |  |  |
| XDR-TB |  |  |  |  |  |  |  |  |  |  |  |
| CRE |  |  |  |  |  |  |  |  |  |  |  |
| bacteria |  |  |  |  |  |  |  |  |  |  |  |
| organism |  |  |  |  |  |  |  |  |  |  |  |
| strep |  |  |  |  |  |  |  |  |  |  |  |
| streptococcus |  |  |  |  |  |  |  |  |  |  |  |
| c diff |  |  |  |  |  |  |  |  |  |  |  |
| kleb |  |  |  |  |  |  |  |  |  |  |  |
| MRSA |  |  |  |  |  |  |  |  |  |  |  |
| Acinetobacter |  |  |  |  |  |  |  |  |  |  |  |