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| **INFECTIOUS DISEASES / MICROBIOLOGY REVIEW** | |
| **Consult reason** | Positive blood cultures |
| **\*Diagnosis\*\*** | E coli bacteraemia, presumed urinary source |
| **Background** | Diabetes Hypertension BPH -- long term catheter |
| **Presentation & Clinical Progress** | Admitted 26/2 with lower abdo pain and fever |
| **Antibiotic history** | 26/2 → co-amox iv |
| **Vital signs rules** | New fever in the last 24 hours, 38.6掳C.  No heart rate record  No systolic blood pressure record |
| **Vital signs ds** | "New fever in the last 24 hours, 37.8ºC. No Heart Rate Record. No Blood Pressure Record." |
| **Physical exam** | Abdo soft and non tender |
| **Micro results** | 24/08 – BLC – PERIPHERAL–LEFT NO GROWTH AFTER 5 DAYS  24/08 – RESP. CULT AND MICRO – \*\*No clear Result\*\*  Summary: Low growth of Neisseria spp. and Strep. viridans.  24/08 – RESP. CULT AND MICRO – \*\*No clear Result\*\*  Summary: Neisseria spp. and Strep viridans <10^4.  \*\*Explanation:\*\* Both organisms are reported below the clinical significance threshold (typically ≥10^4 CFU/mL for BAL cultures), suggesting colonization or contamination rather than definitive infection. The result is not definitively positive (insufficient growth) but acknowledges their presence, warranting clinical correlation.  24/08 – UC – \*\*No clear Result\*\*  Summary: Antibiotic usage cautions provided.  24/08 – UC – CATHETER SPECIMEN URINE (CSU) NO SIGNIFICANT GROWTH  22/08 – UC – \*\*No clear Result\*\*  Summary: Advisory on antibiotic use and clinical context needed.  22/08 – UC – CATHETER SPECIMEN URINE (CSU)CATHETER SITE SWAB NO SIGNIFICANT GROWTH  21/08 – BLC – PERIPHERAL–LEFT NO GROWTH AFTER 5 DAYS  21/08 – RESP. CULT AND MICRO – BRONCHO–ALVEOLAR LAVAGE NO GROWTH  20/08 – SARS CORONAVIRUS–2 PCR – \*\*No clear Result\*\*  Summary: MS2 control CT 23.  (Reason: The result only reports an internal control (MS2) with a CT value, not pathogen–specific findings.)  20/08 – CPE SCREEN – \*\*Negative\*\*  Summary: No CPE isolated.  20/08 – SARS–CoV–2 RNA – Negative  20/08 – MRSA SCREEN – \*\*Negative\*\*  Summary: No MRSA isolated. |
| **Blood results** | 28/2 WCC 14 (falling, from 20 on 26/2); CRP 150 (from 300 on 26/2) |
| **Imaging** |  |
| **Discussion** | With team F1, David |
| **\*\*Advice\*\*** | Continue current antibiotics Consider changing catheter while on antibiotics If remains febrile consider ultrasound of urinary tract We will review with final microbiology results |
| **Signed** | David Eyre, Consultant in Infection |
| **Responsible consultant** | David Eyre |