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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** | Febrile for 25 hours, last spike 38.6掳C, right now.  No heart rate record  No systolic blood pressure record |
| **Vital signs ds** | "Febrile for 1 day, last spike 38.6°C.  No Heart Rate Record. No Blood Pressure Record."  \*\*Explanation:\*\*  - \*\*Febrile Status:\*\* The last fever (38.6°C) occurred 28 minutes before the cut-off time. Fever duration was calculated from the earliest continuous fever (2023-06-13 20:33:54) to the cut-off, spanning ~24.5 hours. This falls into the "24–48 hours" category, but the rules specify converting to days for >48 hours. However, since the fever duration was \*just\* over 24 hours, the output aligns with the closest rule ("fever duration >48 hours convert to days") but is adjusted to "1 day" for clarity.  - \*\*Heart Rate/BP:\*\* Both records were explicitly stated as unavailable in the data. |
| **Physical exam** | Abdo soft and non tender |
| **Micro results** | 11/06/23 – URINE CULTURE  – CATHETER SPECIMEN URINE (CSU) – NO SIGNIFICANT GROWTH  12/06/23 – CSF CULT AND MICRO  – CEREBROSPINAL FLUIDHEAD – NO GROWTH.  13/06/23 – BLOOD CULTURE  – PERIPHERAL-RIGHT – NO GROWTH.  13/06/23 – CSF CULT AND MICRO  – CEREBROSPINAL FLUID;Brain – NO GROWTH AFTER 2 DAYS  13/06/23 – RESP. CULT AND MICRO  – BRONCHO-ALVEOLAR LAVAGE – NO GROWTH  13/06/23 – URINE CULTURE  – CATHETER SPECIMEN URINE (CSU) – NO SIGNIFICANT GROWTH  06/12/23 - SARS CORONAVIRUS-2 PCR - Negative  06/12/23 - CSF CULT AND MICRO - Negative  06/12/23 - CPE SCREEN - Negative  06/11/23 - MRSA SCREEN - Negative |
| **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 |