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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** | Afebrile  HR, 88 bpm.  SBP stable, 124 mmHG. |
| **Vital signs ds** | "Afebrile, last fever 3 days ago. Cardiovascular stable." |
| **Physical exam** | Abdo soft and non tender |
| **Micro results** | 19/04 – CSF MICROSCOPY – \*\*Negative\*\*  Summary: No organisms on Gram stain.  19/04 – CSF CULT AND MICRO – CEREBROSPINAL FLUID NO GROWTH AFTER 2 DAYS  18/04 – C difficile(GDH) – Negative  18/04 – Campylobacter PCR – \*\*Negative\*\*  Summary: Campylobacter species not detected.  18/04 – BLC – RED PORT NO GROWTH AFTER 5 DAYS  18/04 – BLC – ;Other (specify site in Clinical Details) NO GROWTH AFTER 5 DAYS  18/04 – Shigella PCR – \*\*Negative\*\*  Summary: Shigella species not detected.  18/04 – Salmonella PCR – \*\*Negative\*\*  Summary: Salmonella species NOT detected by PCR.  18/04 – E.coli O157 & Verotoxin PCR – \*\*Negative\*\*  Summary: STEC not detected by molecular assay.  16/04 – Cryptosporidium PCR – \*\*Negative\*\*  Summary: Cryptosporidium not detected.  16/04 – Entamoeba PCR – \*\*Negative\*\*  Summary: Entamoeba histolytica not detected.  16/04 – Giardia PCR – \*\*Negative\*\*  Summary: Giardia not detected.  15/04 – BLC – ;Other (specify site in Clinical Details) NO GROWTH AFTER 5 DAYS  15/04 – BLC – RED PORT NO GROWTH AFTER 5 DAYS  15/04 – BLC – PERIPHERAL–RIGHT NO GROWTH AFTER 5 DAYS  15/04 – SARS–CoV–2 RNA – Negative  15/04 – UC – MID STREAM URINE (MSU) NO SIGNIFICANT GROWTH  15/04 – UC – \*\*No clear Result\*\*  Summary: Antibiotic use advice; no microbial findings reported.  15/04 – RESPIRATORY PCR – \*\*Negative\*\*  Summary: No microorganisms detected by BIOFIRE.  15/04 – SARS CORONAVIRUS–2 PCR – Negative  --------Previous result (1 year)--------  31/03 – HSV IgG – Positive |
| **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 |