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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, 39.0掳C.  HR raised, 91 bpm.  SBP stable, 121 mmHG. |
| **Vital signs ds** | "New fever in the last 24 hours, 39.0°C. HR raised, 91 bpm. SBP normal." |
| **Physical exam** | Abdo soft and non tender |
| **Micro results** | 21/04 – UC – MID STREAM URINE (MSU) NO SIGNIFICANT GROWTH  21/04 – UC – \*\*No clear Result\*\*  Summary: Antibiotic use advice, no microbiological findings stated.  20/04 – BLC – ;Other (specify site in Clinical Details) NO GROWTH AFTER 5 DAYS  20/04 – BLC – PERIPHERAL–LEFT NO GROWTH AFTER 5 DAYS  20/04 – BLC – RED PORT NO GROWTH AFTER 5 DAYS  19/04 – CSF MICROSCOPY – \*\*Negative\*\*  Summary: Gram stain shows no organisms.  19/04 – CSF CULT AND MICRO – CEREBROSPINAL FLUID NO GROWTH AFTER 2 DAYS  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 – C difficile(GDH) – Negative  18/04 – Campylobacter PCR – \*\*Negative\*\*  Summary: Campylobacter spp not detected by PCR.  18/04 – Shigella PCR – \*\*Negative\*\*  Summary: Shigella species not detected.  18/04 – Salmonella PCR – \*\*Negative\*\*  Summary: Salmonella not detected by PCR.  18/04 – E.coli O157 & Verotoxin PCR – \*\*Negative\*\*  Summary: STEC not detected by PCR.  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 by PCR.  15/04 – UC – MID STREAM URINE (MSU) NO SIGNIFICANT GROWTH  15/04 – UC – \*\*No clear Result\*\*  Summary: Antibiotic usage advice provided.  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 – RESPIRATORY PCR – \*\*Negative\*\*  Summary: No microorganisms detected by respiratory PCR panel.  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 |