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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 33 hours, last spike 37.8掳C, 5 hours ago.  No heart rate record  No systolic blood pressure record |
| **Vital signs ds** | "Febrile, last fever 37.8°C, 6 hours ago.  No Heart Rate Record.  No Blood Pressure Record." |
| **Physical exam** | Abdo soft and non tender |
| **Micro results** | 16/08 – BLC – CENTRAL LINE NO GROWTH AFTER 5 DAYS  16/08 – BLC – ARTERIAL LINE NO GROWTH AFTER 5 DAYS  15/08 – BLC – CENTRAL LINE NO GROWTH AFTER 5 DAYS  15/08 – CSF CULT AND MICRO – CEREBROSPINAL FLUID;Meninges NO GROWTH AFTER 2 DAYS  15/08 – UC – BAG URINE NO SIGNIFICANT GROWTH  15/08 – UC – \*\*No clear Result\*\*  Summary: Antibiotic usage advice provided.  15/08 – CSF MICROSCOPY – \*\*Negative\*\*  Summary: Gram stain shows no organisms seen.  13/08 – CSF CULT AND MICRO – CEREBROSPINAL FLUID NO GROWTH AFTER 2 DAYS  13/08 – CSF CULT AND MICRO – CEREBROSPINAL FLUID;Other (specify site in Clinical Details) NO GROWTH AFTER 2 DAYS  13/08 – UC – CATHETER SPECIMEN URINE (CSU) NO SIGNIFICANT GROWTH  13/08 – UC – \*\*No clear Result\*\*  Summary: Antibiotic usage advisories, no pathogen detection stated.  12/08 – BLC – ENTC  – R: AMOXICILLIN  – R: CO-AMOXICLAV  – S: AMIKACIN  – S: CIPROFLOXACIN  – S: FOSFOMYCIN  – S: LEVOFLOXACIN  – S: TRIMETH-SULFAMETHOXA  – S: TOBRAMYCIN  – S: AZTREONAM  – S: CEFTRIAXONE  – S: COLISTIN SULPHATE  – S: ERTAPENEM  – S: PIPTAZ  – S: CEFTAZIDIME  – S: GENTAMICIN  – S: MEROPENEM  – S: TRIMETHOPRIM  12/08 – CSF CULT AND MICRO – CEREBROSPINAL FLUID;Meninges NO GROWTH AFTER 2 DAYS  12/08 – UC – \*\*No clear Result\*\*  Summary: No microbiological findings; antibiotic use guidance provided.  12/08 – UC – BAG URINE NO SIGNIFICANT GROWTH |
| **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 |