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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 3 days, last spike 37.9掳C.  Unstable concerning HR, 134 bpm.  SBP stable, 138 mmHG. |
| **Vital signs ds** | "Febrile for 3 days, last spike 37.9°C. Unstable concerning HR, 134 bpm. SBP normal." |
| **Physical exam** | Abdo soft and non tender |
| **Micro results** | 24/11 – UC – \*\*No clear Result\*\*  Summary: Antibiotic recommendations without organism details.  24/11 – UC – CATHETER SPECIMEN URINE (CSU);Bladder NO SIGNIFICANT GROWTH  24/11 – Shigella PCR – \*\*Negative\*\*  Summary: Shigella species not detected.  24/11 – Salmonella PCR – \*\*Negative\*\*  Summary: Salmonella species NOT detected by PCR.  24/11 – BLC – PERIPHERAL–RIGHT NO GROWTH AFTER 5 DAYS  24/11 – Campylobacter PCR – \*\*Negative\*\*  Summary: Campylobacter species not detected.  24/11 – RESP. CULT AND MICRO – \*\*Negative\*\*  Summary: Upper respiratory flora only.  24/11 – E.coli O157 & Verotoxin PCR – \*\*Negative\*\*  Summary: E.coli O157/VTEC not detected.  23/11 – BLC – PERIPHERAL–RIGHT NO GROWTH AFTER 5 DAYS  22/11 – BLC – ;Other (specify site in Clinical Details) NO GROWTH AFTER 5 DAYS  --------Previous result (1 year)-------- |
| **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 |