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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, 38.7掳C.  HR raised, 100 bpm.  SBP stable, 122 mmHG. |
| **Vital signs ds** | "New fever in the last 24 hours, 38.2ºC.  HR raised, 100 bpm. SBP normal." |
| **Physical exam** | Abdo soft and non tender |
| **Micro results** | 18/08 – BLC – PERIPHERAL–LEFT NO GROWTH AFTER 5 DAYS  18/08 – BLC – RED PORT NO GROWTH AFTER 5 DAYS  16/08 – CRYPTO GIARDIA DIRECT ANTIGEN – \*\*Negative\*\*  Summary: Giardia and Cryptosporidium not detected.  16/08 – Salmonella PCR – \*\*Negative\*\*  Summary: Salmonella not detected by PCR.  16/08 – Campylobacter PCR – \*\*Negative\*\*  Summary: Campylobacter not detected.  16/08 – E.coli O157 & Verotoxin PCR – \*\*Negative\*\*  Summary: E.coli O157/VTEC not detected.  16/08 – C difficile(GDH) – Negative  16/08 – Shigella PCR – \*\*Negative\*\*  Summary: Shigella species not detected.  15/08 – BLC – WHITE PORT NO GROWTH AFTER 5 DAYS  15/08 – BLC – PERIPHERAL–LEFT NO GROWTH AFTER 5 DAYS  15/08 – BLC – RED PORT NO GROWTH AFTER 5 DAYS  15/08 – UC – MID STREAM URINE (MSU) NO SIGNIFICANT GROWTH  15/08 – UC – \*\*No clear Result\*\*  Summary: Antibiotic usage advice, no microbiological findings.  15/08 – RESPIRATORY PCR – \*\*Negative\*\*  Summary: No microorganisms detected by BIOFIRE PCR.  --------Previous result (1 year)--------  24/07 – EBV VCA IgG – Positive  19/06 – RESPIRATORY PCR – \*\*Positive\*\*  \*\*Summary:\*\* Human Rhinovirus/Enterovirus detected.  12/06 – EBV VCA IgG – Positive  20/02 – RESPIRATORY PCR – \*\*Positive\*\*  \*\*Summary:\*\* Respiratory Syncytial Virus detected.  04/02 – RESPIRATORY PCR – \*\*Positive\*\*  \*\*Summary:\*\* Respiratory Syncytial Virus detected. |
| **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 |