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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, 40.1掳C.  Unstable concerning HR, 137 bpm.  SBP low, 99 mmHG. |
| **Vital signs ds** | "New fever in the last 24 hours, 37.8°C.  Unstable concerning HR, 137 bpm. SBP low, 99 mmHg." |
| **Physical exam** | Abdo soft and non tender |
| **Micro results** | 15/11 – Beta-D-Glucan Ag – Negative 15/11 – CMV DNA – Positive 15/11 – COMMENT – GUC 15/11 – COPIES/ML – 1.74 15/11 – COPIES/ML – Negative 15/11 – UC – NSU1 15/11 – ASSAY – AETI 15/11 – COMMENT – DEL 15/11 – BDG Concentration (pg/mL) – L7 15/11 – C.NEOFORMANS ANTIGEN – Negative 15/11 – HIV 1 RNA – Positive 15/11 – UNITS/ML – 2.60 15/11 – PARVOVIRUS DNA – Negative 16/11 – UNITS/ML – 1.70 16/11 – EBV DNA – Positive 21/11 – UC – NSU016 21/11 – BLC – NG5 21/11 – COMMENT – GUC 21/11 – BLC – NG5 21/11 – BLC – NG5 25/11 – COMMENT – GUC 25/11 – UC – NSU018 25/11 – BLC – NG5 26/11 – UNITS/ML – 2.66 26/11 – GENC – Negative 26/11 – CMV DNA – Positive 27/11 – CMV DNA – Positive 27/11 – UNITS/ML – 2.32 28/11 – CPES – Negative 28/11 – MRS – Negative 28/11 – COMMENT – GUC 28/11 – UC – NSU018 29/11 – HIV 1 RNA – Positive 29/11 – FUNG – Negative 29/11 – BLC – NG5 29/11 – BLC – NG5 29/11 – UNITS/ML – 2.16 29/11 – CMV DNA – Positive 29/11 – TB MICROSCOPY – Negative 29/11 – STER – NG10 29/11 – COPIES/ML – 1.65 29/11 – TBC – MB56 01/12 – Salmonella PCR – Negative 01/12 – OCP – Negative 01/12 – Giardia PCR – Negative 01/12 – E.coli O157 & Verotoxin PCR – Negative 01/12 – FMIC – Negative 01/12 – Entamoeba PCR – Negative 01/12 – Shigella PCR – Negative 01/12 – Cryptosporidium PCR – Negative 01/12 – Campylobacter PCR – Negative 04/12 – TBC – Negative 04/12 – NCC – Negative 06/12 – BLC – NG5 07/12 – UNITS/ML – 2.94 07/12 – MICROSCOPY – DEL 07/12 – CMV DNA – Positive 08/12 – TBC – MB56 08/12 – NCC – Negative 08/12 – TBC – MB56 08/12 – ANER – Negative 08/12 – MICROSCOPY – Negative 08/12 – FUNG – Negative 08/12 – PMC – NG 08/12 – TB MICROSCOPY – Negative 09/12 – LTC – positive 10/12 – BLC – NG5 11/12 – MRS – Negative 11/12 – CPES – Negative |
| **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 |