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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** | 30/09 – MRS – Negative 01/10 – MRS – Negative 02/10 – RESP – HFLU – S AUG3, CHLR, AMP2, CTX, NAL, TET 02/10 – BLC – NG5 02/10 – COMMENT – GUC 02/10 – UC – NSU016 08/10 – RESP – SAUR – R PENA; S CLIN, TET, CIP, DAP, FD, MUP, RIF, SXT, ERY, GM, LIN, LVX, OXM, SY, CHLR, FOS, MOXO, TEC, VAN 08/10 – COMMENT – GUC 08/10 – GRAM SMEAR – DEL 08/10 – UC – NSU016 08/10 – BLC – NG5 10/10 – BLC – PSAR – S PTZ, MEM, GM, AMK, CAZ, CIP, LVX, TOB 10/10 – UC – NSU016 10/10 – COMMENT – GUC 10/10 – FRAB – Negative 20/10 – RESP – PRMI – R COL; S TEM, AMK, CAZ, FOS, LVX, SXT, TRIM, AUG, AZT, GM, PTZ, TOB, AMX, CEX, CIP, ERT, MEM 20/10 – RESP – SRCO – S AMX, MEM, VAN, CTX, TEC, GMS2, LIN, PENA 20/10 – UC – PSAR – S PTZ, GM, LVX, MEM, AMK, CAZ, CIP, TOB 20/10 – BLC – NG5 20/10 – COMMENT – GUC 23/10 – BLC – NG5 04/11 – BLC – NG5 05/11 – UC – PSAR – S GM, CAZ, MEM, PTZ, AMK, CIP, LVX, TOB 05/11 – BLC – NG5 05/11 – COMMENT – GUC 05/11 – RESP – Negative 07/11 – BLC – NG5 08/11 – UC – PSAR – S PTZ, GM, LVX, MEM, AMK, CAZ, CIP, TOB 08/11 – COMMENT – GUC 10/11 – BLC – NG5 11/11 – Campylobacter PCR – Negative 11/11 – Shigella PCR – Negative 11/11 – Salmonella PCR – Negative 11/11 – E.coli O157 & Verotoxin PCR – Negative 16/11 – UC – PSAR – S CAZ, PTZ, AMK, TOB, CIP, GM, LVX, MEM 16/11 – BLC – NG5 16/11 – COMMENT – GUC 22/11 – BLC – NG5 23/11 – BLC – NG5 24/11 – COMMENT – GUC 24/11 – UC – NSU1 24/11 – Shigella PCR – Negative 24/11 – Salmonella PCR – Negative 24/11 – BLC – NG5 24/11 – GRAM SMEAR – DEL 24/11 – Campylobacter PCR – Negative 24/11 – RESP – Negative 24/11 – E.coli O157 & Verotoxin PCR – 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 |