

Investigations Lymph node biopsy: positive for Acid fast bacilli Blood and urine cultures positive for Mycobacteria TB Toxoplasma serology: positive IgG

- CT Abdo/Pelvis: bilateral supraclavicular lymphadenopathy, enlarged LN around porta hepatis, SMA and para-aortic
- CT brain and MRI brain: no evidence of intracranial mass or infection

Disseminated TB

Other issues.... Advanced HIV CD4 absolute count 5 (1%), VL 79433 Hepatitis B coinfection Viral load: 2 x 10⁷ IU/ml, HBcAb & sAg positive, HBeAg neg Treatment naive US abdomen 18 Oct: normal

Other issues....

- Moderate to large pericardial effusion
 - Secondary to TB. No drainage required
 - For repeat ECHO in 2 and 6 weeks prior to initiation of ART to monitor size given risk of IRIS



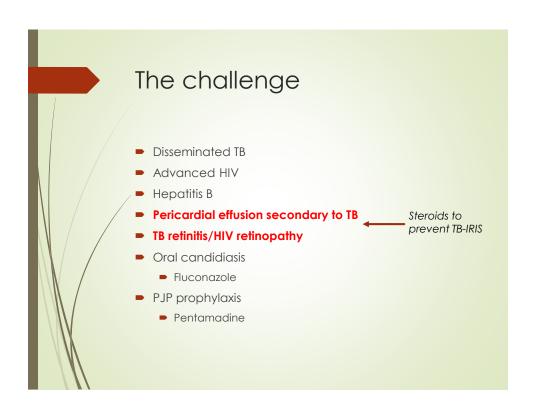
TB retinitis and HIV retinopathy

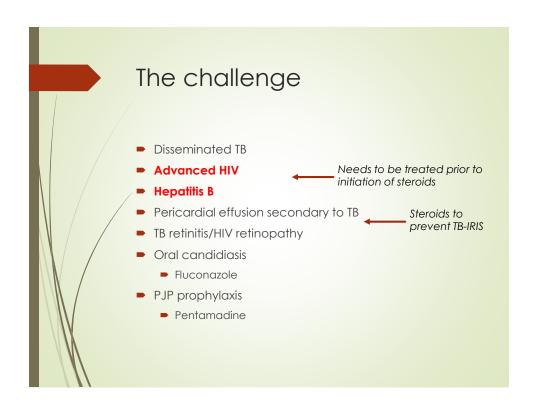
- Nil visual symptoms reported
- O/E: subretinal nodules, patchy, poorly defined opacities consistent with TB retinitis.
- For ongoing review

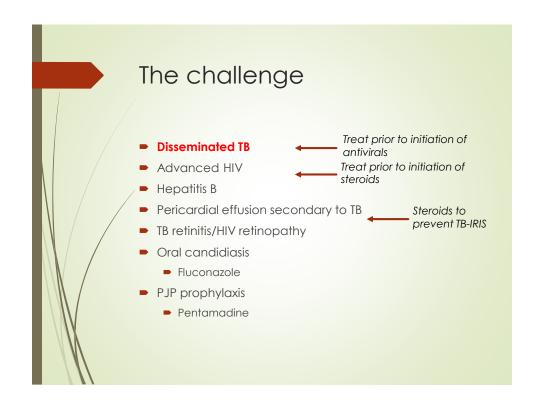
Other issues....

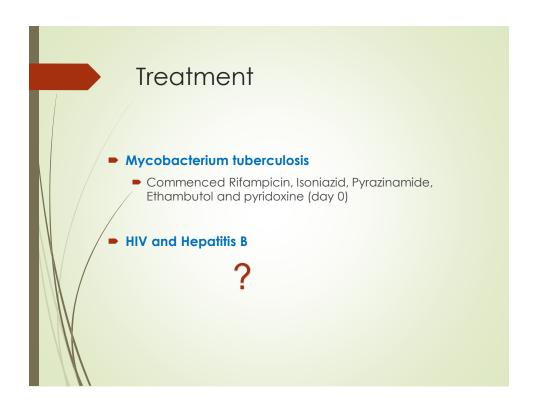
- Opportunistic infections/prophylaxis
 - Fluconazole 50mg PO for oral candidiasis
 - G6PD screening test indicated possible deficiency therefore co-trimoxazole and dapsone avoided -Pentamidine nebulisers for PJP prophylaxis

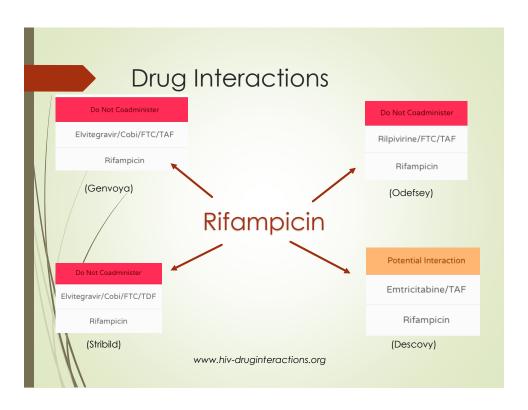


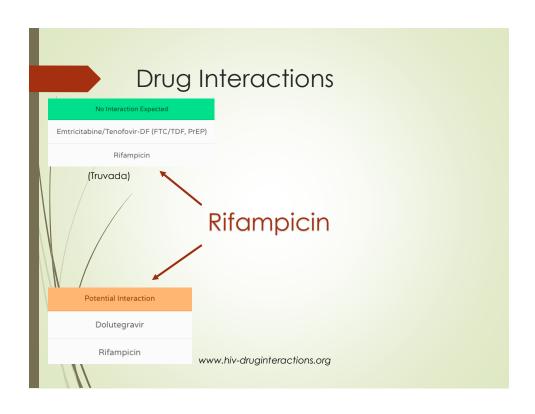


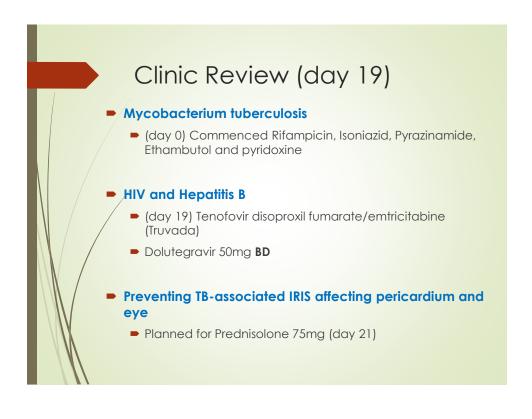


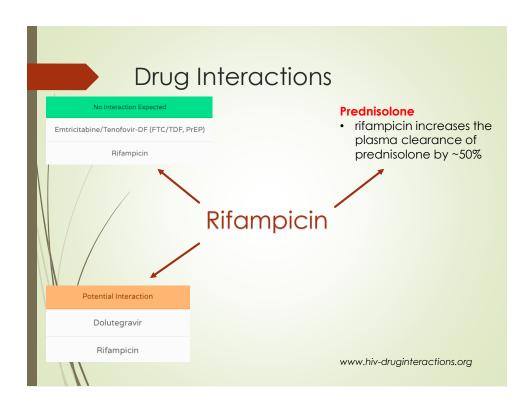


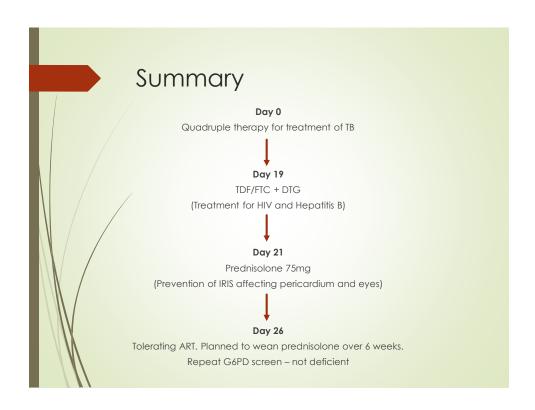








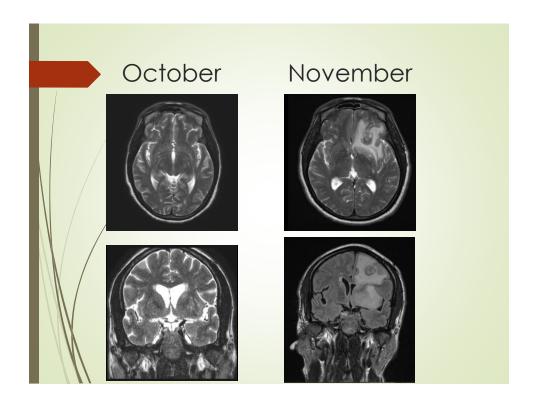


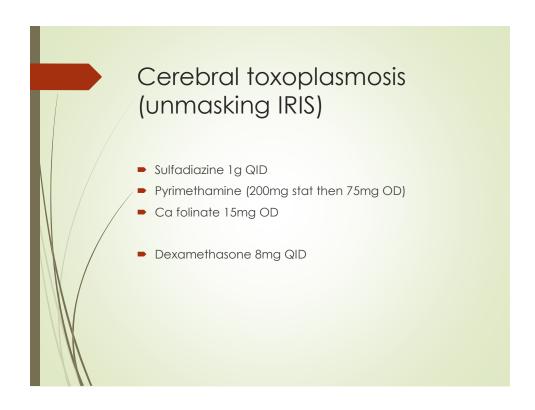


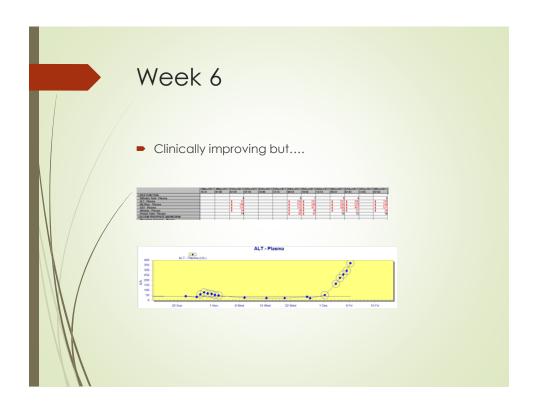


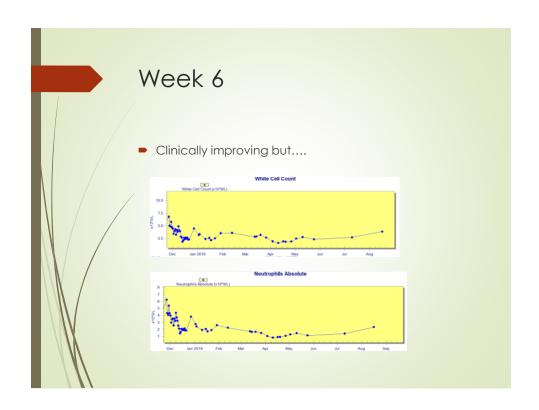


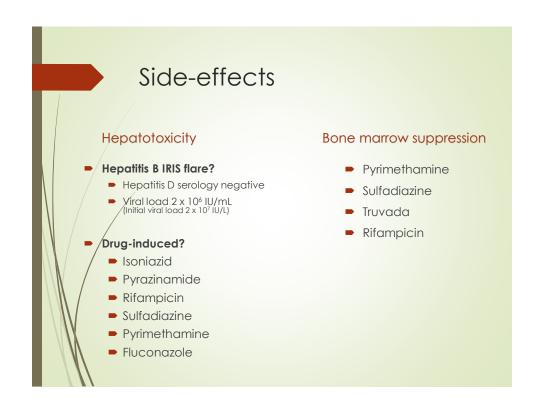




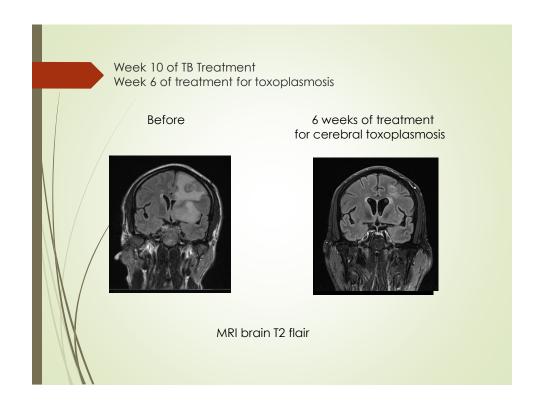


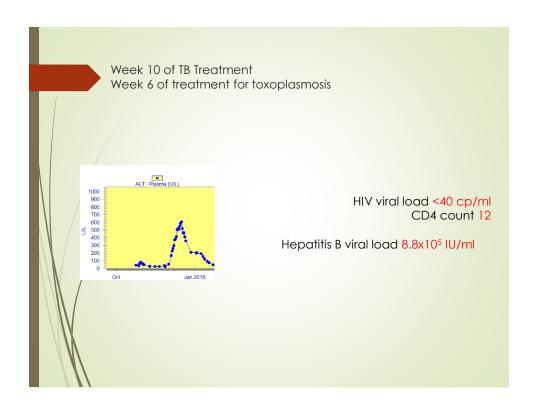


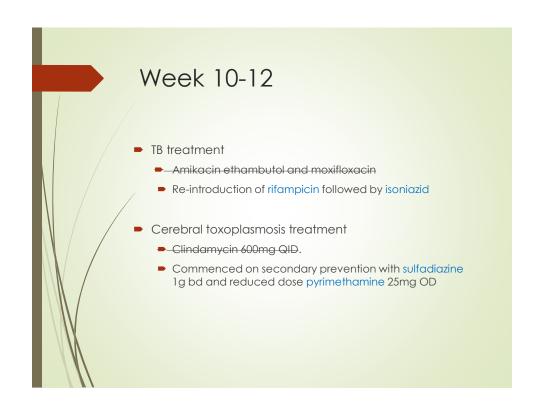


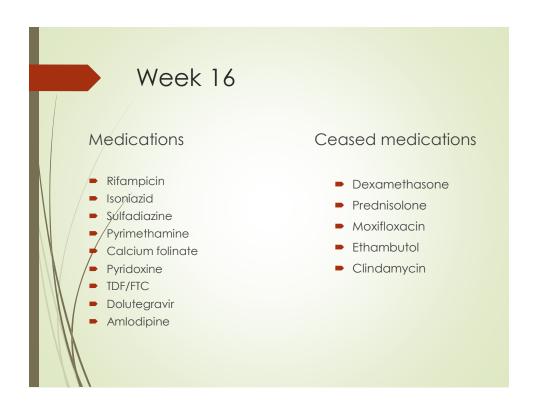


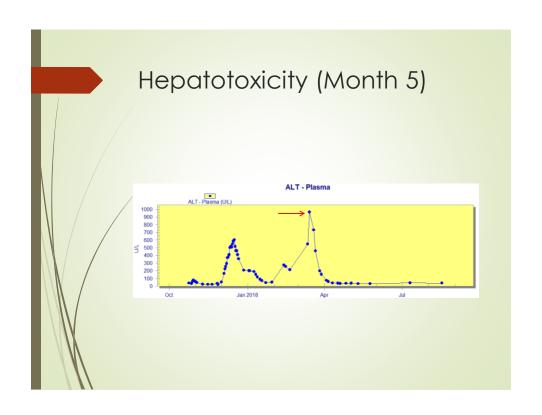






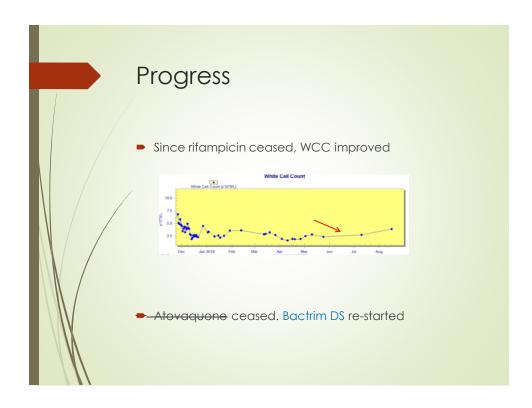


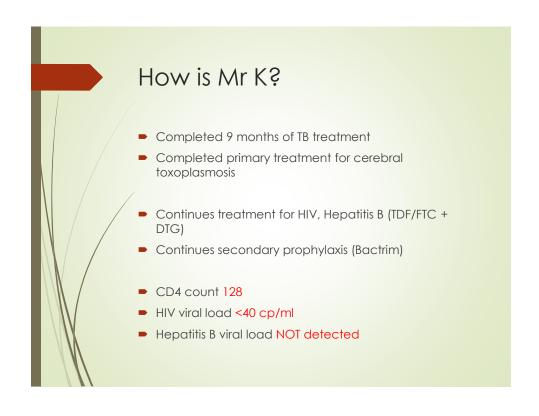




Hepatotoxicity (Month 5) TB treatment Rifampicin and iseniazid ceased ALT settled from 965 to 199. Rifampicin and moxifloxacin 400mg 0D restarted 2 weeks later ALT continued to fall to 41 Isoniazid suspected of causing hepatotoxicity. Cerebral toxoplasmosis secondary prevention Sulfadiazine and pyrimethamine-switched to Bactrim DS 1 tab bd











Case highlights that despite huge advances in treatment, complex cases do still present with the same issues of co-infections, drug interactions and side effects Important reminder of starting treatment at the point of diagnosis

