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Can you and should you do Cefiderocol on OPAT?

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Consent

Mr T G has given full consent for & to:

- All treatment and modalities used
- Case presentation
- The information, bloods, x-ray reports etc. to used
- Has not only given consent for the photographs but has supplied some of them

Mr T G

- 68 year old male
- Works full time as an architect
- Type II diabetic hb1c 18th Nov 161
- Presented in September 2021
- At presentation CRP 156

Previous relevant history

- Thrombocytopenia
- OA knees (footballers knees) and hips
- Diverticulitis
- Previously healed leg ulcers

Allergies

- Penicillins
- Pistachios
- Simvastatin
- Mepore



Bugs

- November
 - *Pseudomonas aeruginosa*
 - Ciprofloxacin resistant
 - Gentamycin sensitive
 - Meropenem sensitive
 - *Enterococcus faecalis*
 - Amoxicillin sensitive
 - Teicoplanin sensitive



- Initially
 - Ciprofloxacin 750mg oral at home

This happened



- Followed by
 - Teicoplanin 600MG 10mg/kg OD
 - Meropenem 1gm TDS
 - As in-patients
- And he met the surgeons

Bugs January

- Heavy growth *Pseudomonas aeruginosa*
- Ceftazidime resistant
- Ciprofloxacin resistant
- CRP 40



Cefiderocol

- 1G Approximately £160 ex VAT £190 inc VAT
- 2G TDS per week
 - currently approx £6720 ex VAT £8064 in VAT
- For the 6/52 course
 - £40,320 ex VAT
 - £48,400 inc VAT



Cefiderocol

- Needs to be kept in a fridge
 - If left out of the fridge you need to call the company with the batch number
 - Out of the fridge time is given per batch and shipping
- Administration
 - Infusion
 - 3hours
 - Three times a day

Cost of not doing

- To the patient loss of limb
 - Cost to NHS of approx £20,000/yr in podiatry and orthotics
- This specific patient loss of
 - job
 - Independence
 - Financial
 - mobility



TEACH the patient!

- Patient was taught
- What can go wrong
 - If you run it in too fast you will get side effects
 - Red/flushed
 - Metallic taste
 - If they aren't dedicated 9hours a day is a long time
 - Ours wants his new car

The Patient

- He's at home, off all antibiotics CRP <1
- He's still working – full time
- Has just bought himself a Mark II Jag



Questions??

