Self-administration of intravenous antibiotics for OPAT

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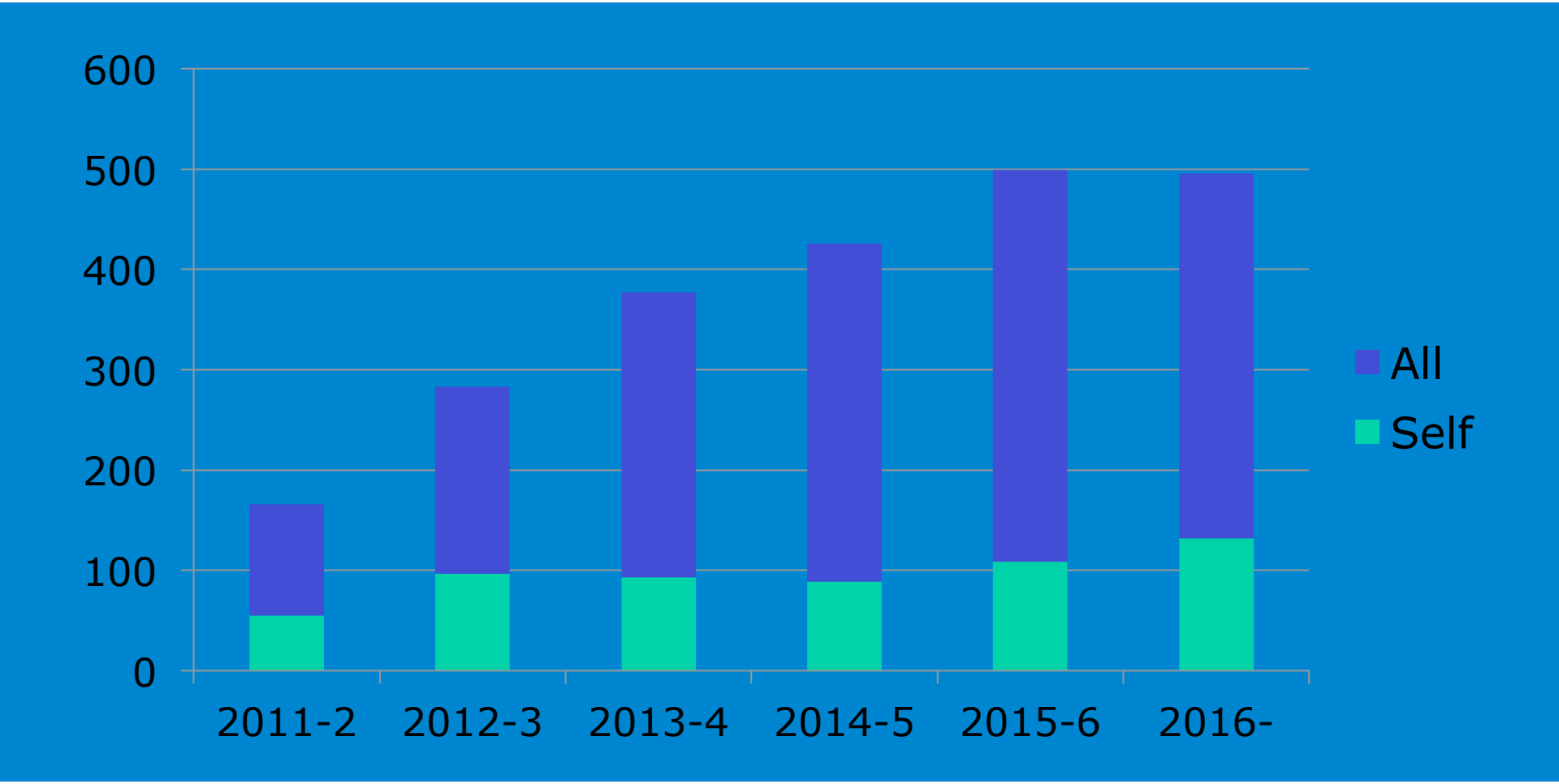
Addenbrooke's Hospital NHS
Cambridge University Hospitals NHS Foundation Trust

Cambridge OPAT



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Teaching protocol

- Ward nurse demonstrates administration to patient, or relative
- Patient, or relative, to undertake 3 doses under nurse supervision
- Final assessment by OPAT specialist nurse

Nick the arm

Arm in action

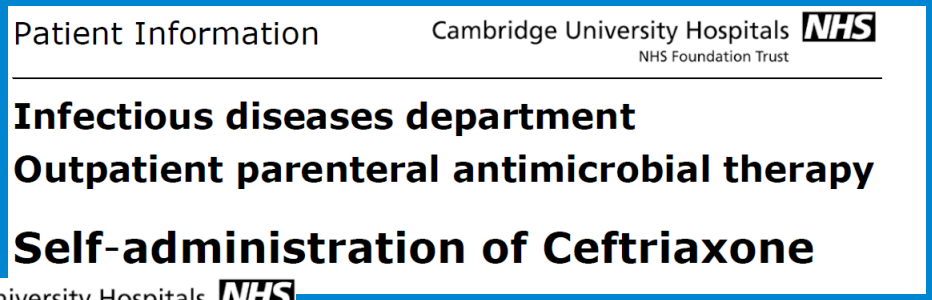
- Introduced on 29.6.16
- In-patients for self-admin (n=65)
- Respiratory – tazocin in day attendance
  - plastic arm training (8am)
  - power wand
  - 1st dose on self in own line (9am)
  - 2nd dose on self in own line (3pm)
- Self-admin n=26, 58% avoided admission

Feedback

- Helpful - universally
- Benefit/ relief of practising on arm first, rather than self
- Increased familiarity dealing with line, not just mixing up drugs

Journey of paper leaflets to videos

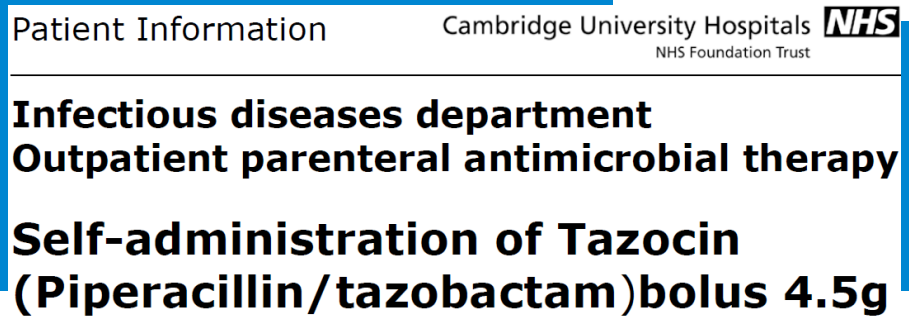
- Leaflets
- Time to produce – hours of filming converts into minutes of finished video
- Patient volunteers
- Logistics
- Cost


Patient Information

Cambridge University Hospitals NHS
NHS Foundation Trust

Infectious diseases department
Outpatient parenteral antimicrobial therapy

Self-administration of Ceftriaxone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Self-administration of Tazocin (Piperacillin/tazobactam)bolus 4.5g

Film example – ceftriaxone

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Internet access

- Ceftriaxone:
  - https://vimeo.com/192141316
- Teicoplanin (bolus):
  - https://vimeo.com/192144152
- Daptomycin
  - https://vimeo.com/192142689
- Tazocin, meropenem (500mg bolus, 1g bolus, 2g infusion), ertapenem
- Aim to add teicoplanin infusion

Acknowledgements

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