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How the introduction of elastomeric devices has improved OPAT services at Wythenshawe Hospital

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Welcome to Wythenshawe!

- Large teaching hospital
- 800 beds
- Multiple specialist services

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OPAT 'team' est. 2015

- 6 month pilot
- Reducing length of stay £
- Target driven
- Limited resources:
  - **1 nurse**
  - **2 medics**

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Journal of Antimicrobial Chemotherapy

Good practice recommendations for outpatient parenteral antimicrobial therapy (OPAT) in adults in the UK: a consensus statement

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†A full list of the working group is shown in the Acknowledgements section.

These good practice recommendations for outpatient parenteral antimicrobial therapy (OPAT) are an update to a previous consensus statement on OPAT in the UK published in 1998. They are based on previous national and international guidelines, but have been further developed through an extensive consultation process, and are underpinned by evidence from published literature on OPAT. They provide pragmatic guidance on the develop-

Downloaded from http://

First steps:

- Hospital pathway
- Community pathway
- Self-admin pathway

Main challenges……..

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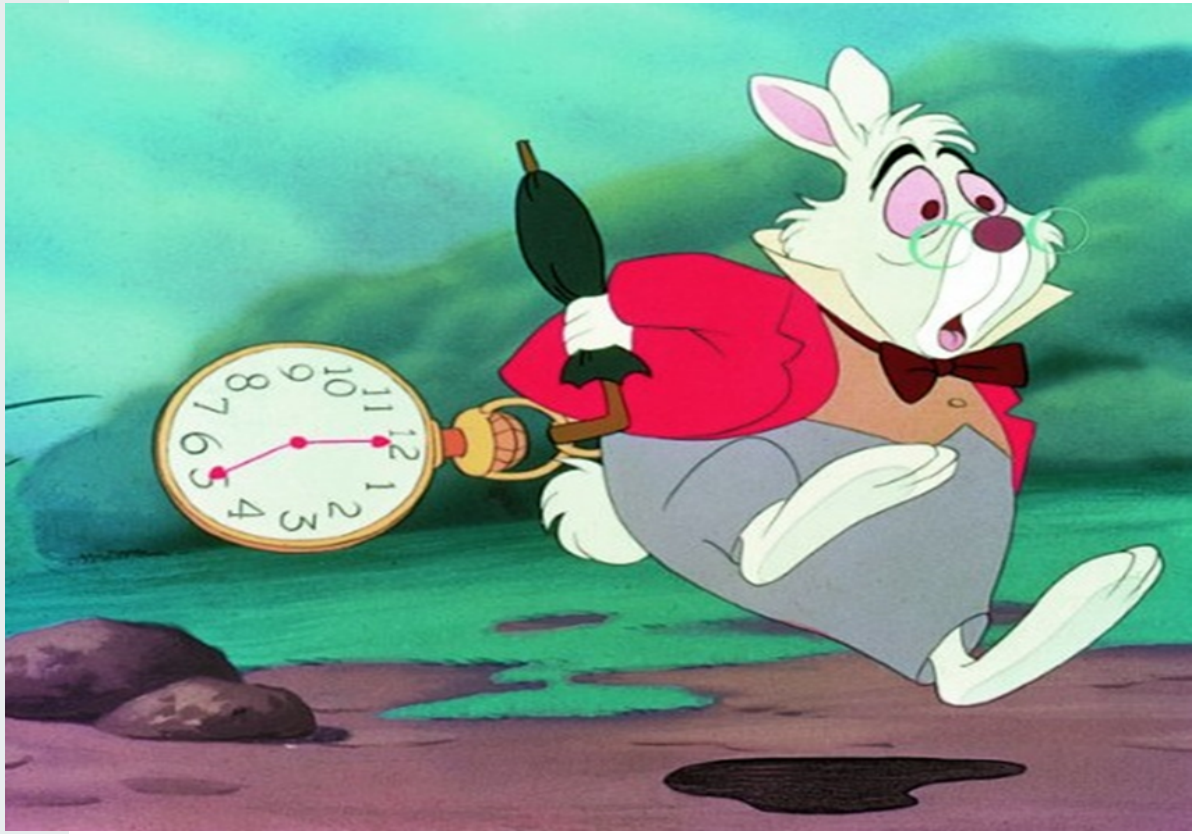
- Lack of community resources
- Lack of OPAT resources



Self-administration pathway

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PROS:

- **Empowers patients**
- **Compensates for postcode lottery**
- **Facilitates ‘triage’ where services are limited**

CONS:

- **Time to train a patient**
- **Limited number of patients offered self-admin**

Elastomeric devices

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Pros:

- **Dramatically reduced the time to train a patient**
- **Allowed us to increase the no. of people we train**
- **Promotes antimicrobial stewardship**
- **Needle-free**
- **ANTT**
- **Reduces community visits**
- **So easy!**

Cons:

- **Cost**
- **Stability**
- **Lack of choice**
- **Delivery**
- **Storage**

Growth of self-admin. pathway & elastomeric devices

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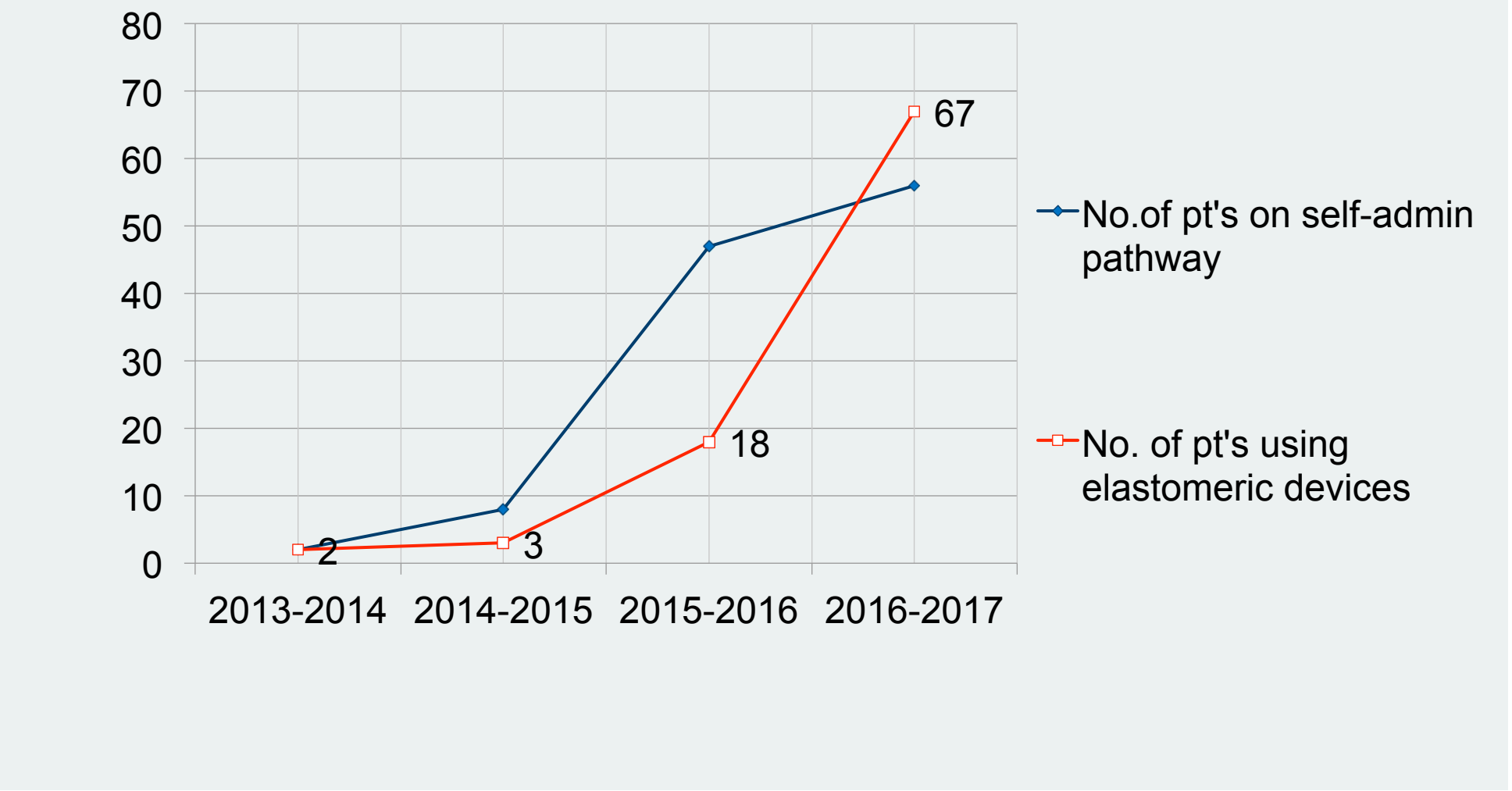

Antimicrobials used via Elastomeric Devices 2013 - 2017

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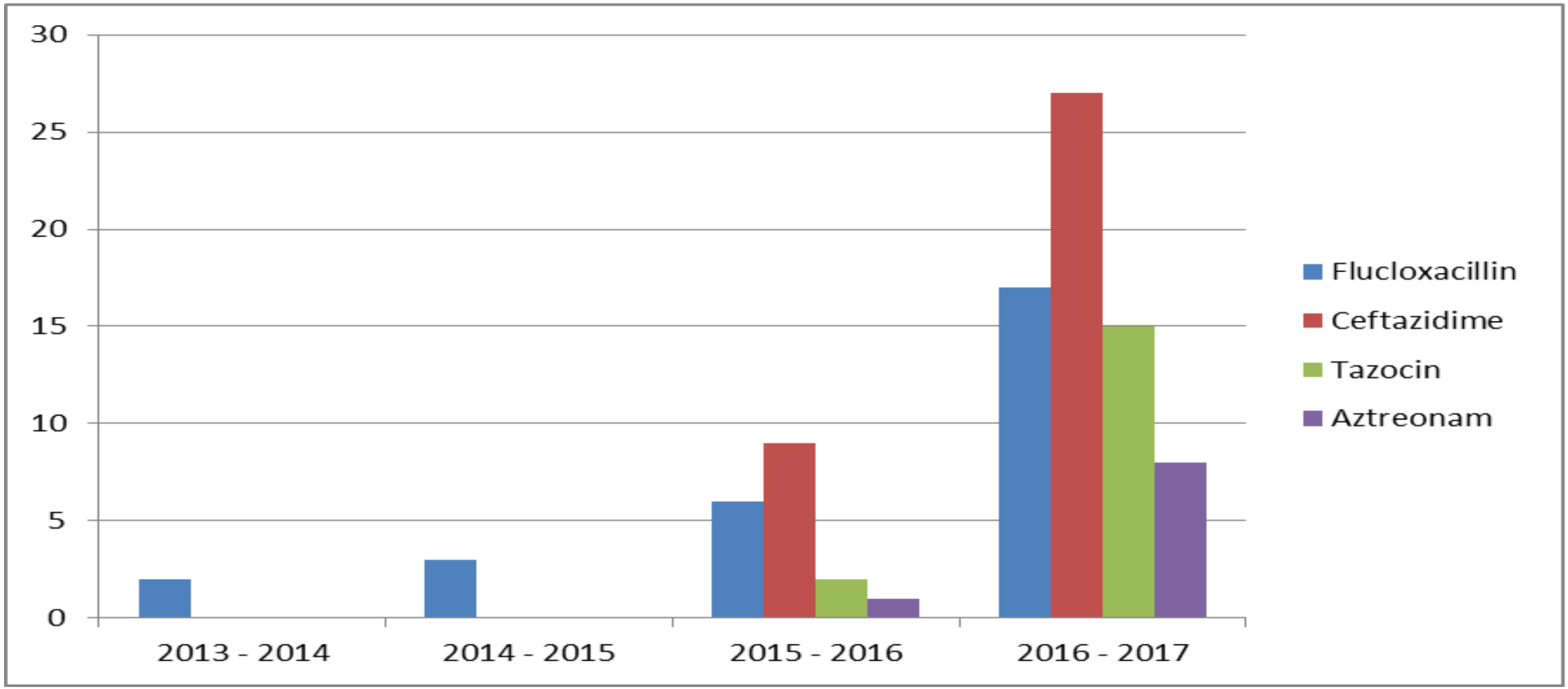

Future growth

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- **Increased flexibility as the choice of antimicrobials grows**
- **Promote self-care as a real choice**
- **Facilitates bespoke treatment plans**

Antimicrobials used this financial year (Apr – Oct)

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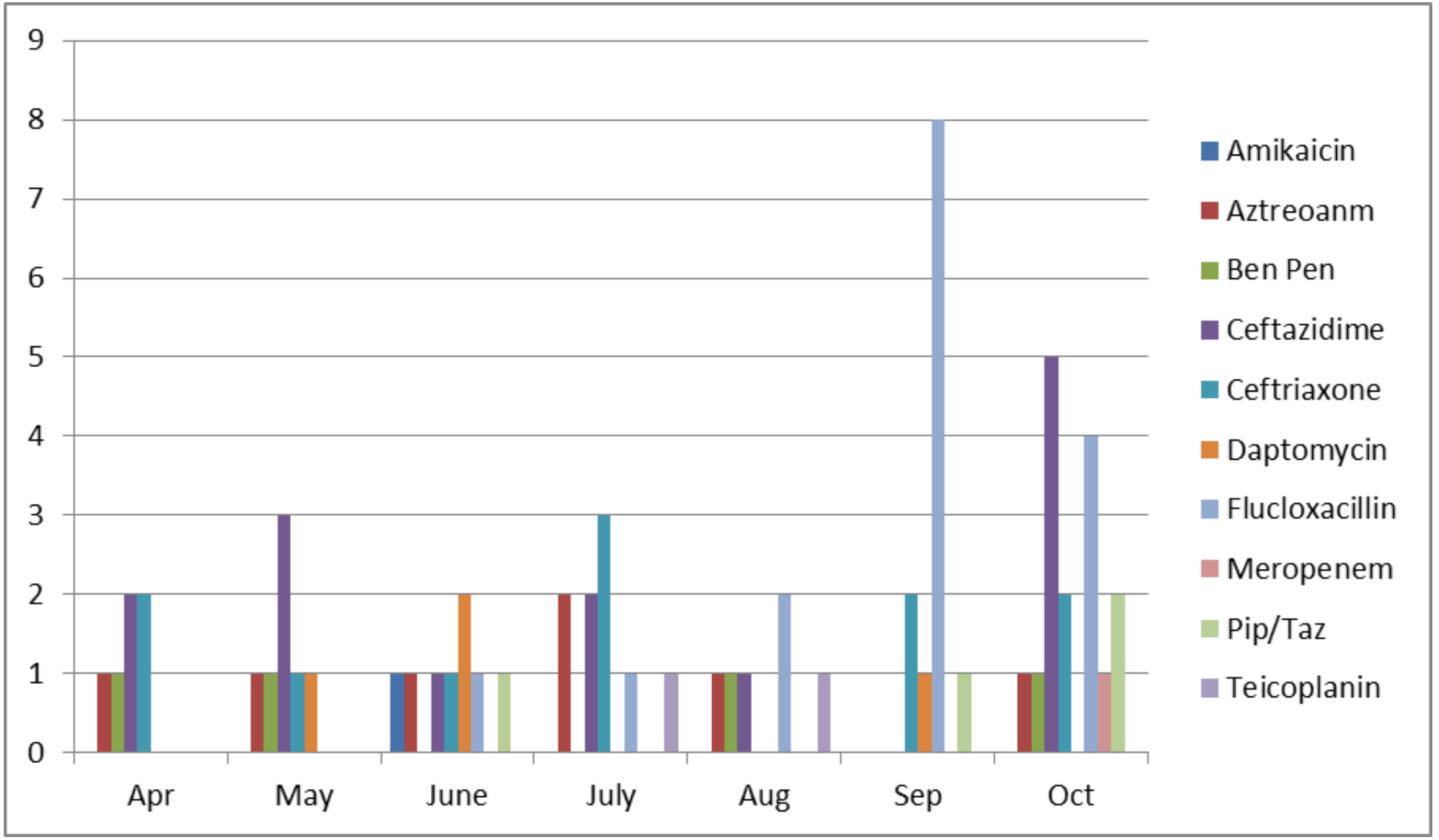

Growth of elastomeric device use

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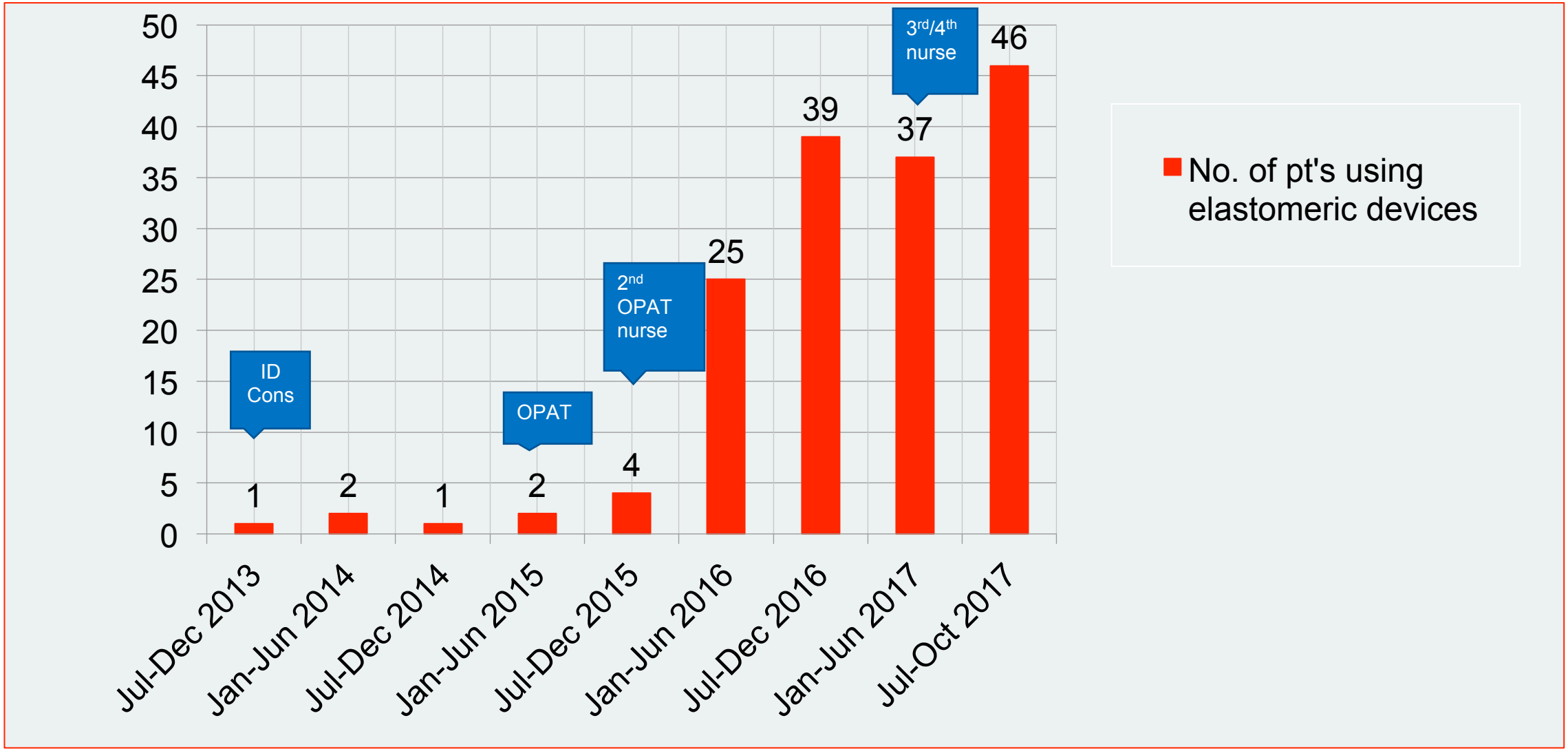

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% of Pt's on self-admin pathway

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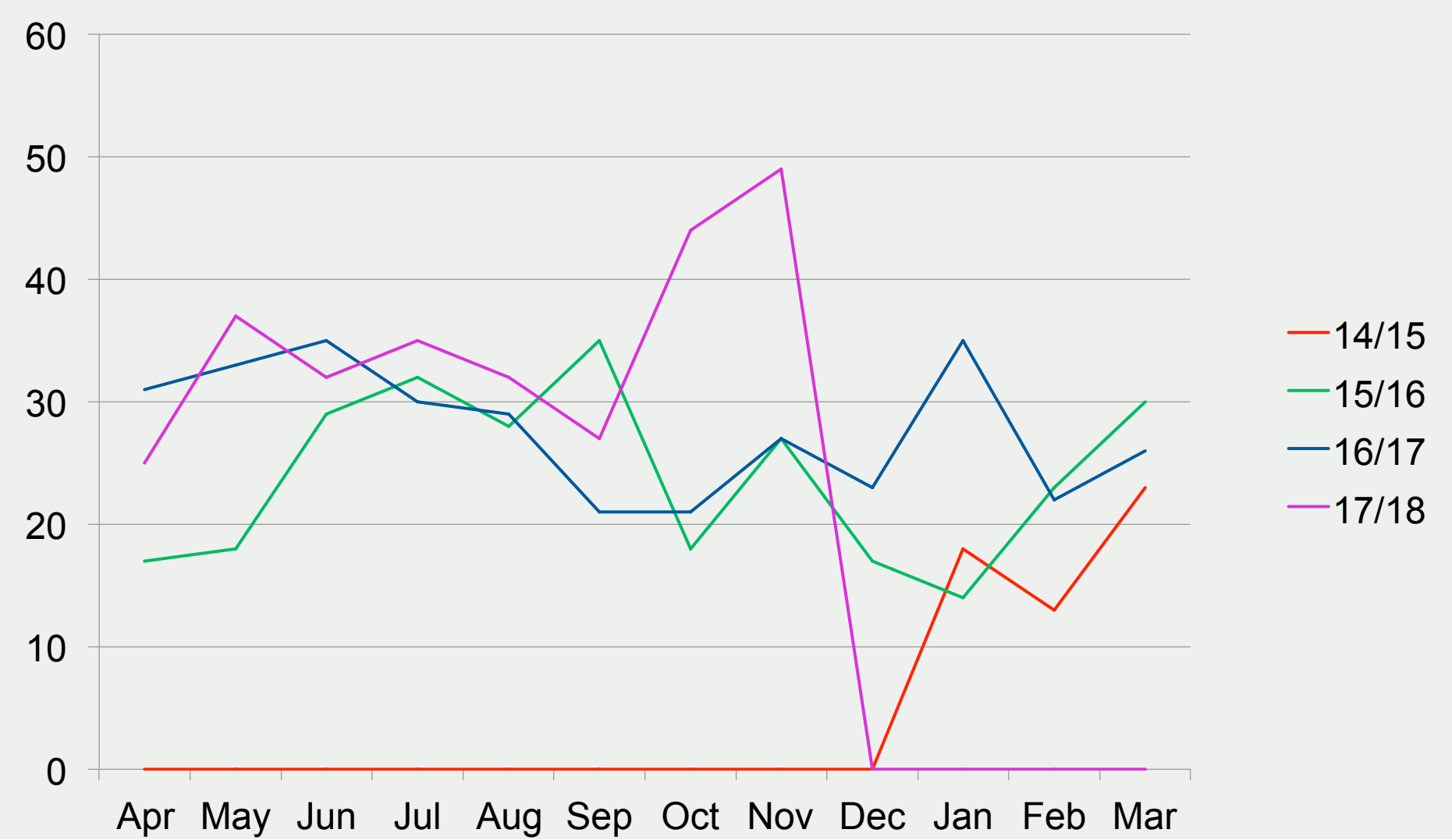

And finally…..

- **> 10,000 bed days saved**
- **4.6 WTE OPAT nurses**
- **1 WTE antimicrobial pharmacist**
- **49% of OPAT pt's on self-admin pathway (Nov 2017)**

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OPAT | Outpatient Parenteral Antimicrobial Therapy
at Wythenshawe Hospital

…..quality without compromise!