

OPAT at SET

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South Eastern Health
and Social Care Trust



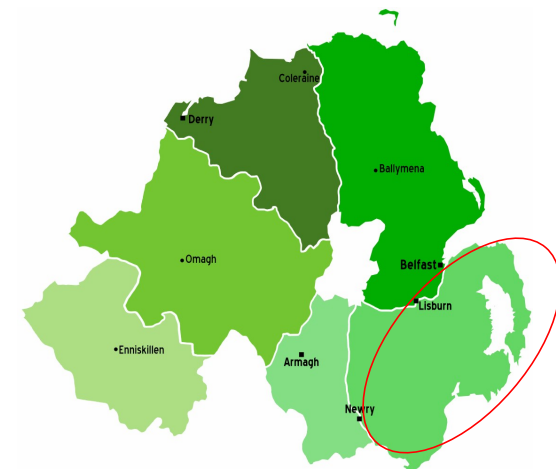
Objectives

- Overview of South Eastern Trust
- Outline SET OPAT service
- Successes
- Challenges
- OPAT outcomes
- Plans for the future



South Eastern Trust

- Approx. 700 inpatient beds



- Population of 355, 000 (440, 000 acute services)
- Main hospital sites:
 - Ulster hospital (Dundonald)
 - Lagan Valley hospital (Lisburn)
 - Downe hospital (Downpatrick)
 - Downshire hospital (Downpatrick)
 - Ards community hospital (Newtownards)



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South Eastern Trust cont....

- Regional centre for Plastics in NI
- Tertiary referral centre for max fax
- Tertiary referral centre for complex ortho surgery



OPAT at SET

- Established dedicated OPAT service 2019:
 - 1WTE OPAT Antimicrobial Pharmacist Lead
 - 1.3WTE Antimicrobial OPAT pharmacist
 - 1.0 WTE ATO (Dispensary)
 - 0.2WTE Consultant Microbiologist
- No funding for OPAT nurse
- No admin support



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Successes

- Trustwide OPAT policy
- Robust referral pathway via OPAT Pharmacists/ Micro
- Improved antimicrobial stewardship + governance
- Triage process-patient, infection, regimen
- OPAT PIL developed
- Line care PIL developed
- Weekly OPAT MDM with Cons. Microbiologists
- Strong relationships with Consultant teams/Community nurses
- OPAT PMS for reporting (2021)



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OPAT PMS

Demographics Diagnosis and Medical History OPAT Care **OPAT Administration** AntilInfectives Oral Stepdown Outcomes Monitoring

		Deliveries	
		Opat Delivery	Delivery Start Date
Edit	Delete	Community Nurse (NHS)	24/05/2024
+ Delivery			

			Lines			
			Line	Size	Date Started	Date Completed
Edit	Delete	+ ADR	6cm ED-PIVC	Not applicable	23/05/2024	
+ Line						

NB If using a peripheral cannula there is no need to insert dates each time cannula is changed. If PICC or Hickman line is used for long term therapy please use the OPAT stop date as the date completed.



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Challenges



Resourcing

- OPAT nurse post now advertised- 0.5 WTE
- Medical clinician- now have an ID/Medical Consultant
- Community nursing resource
- Self OPAT/Elastomerics
- EPIC!

Governance

- 'Ownership' of the patient
- Readmission pathway
- Line issues e.g PICC blockage/removal



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Outcomes



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Regional OPAT KPIs (agreed 2019)

- Aligned with DoH AMC targets (24/25 awaited)
- OPAT specific:
 - <5% appropriate referrals refused due to lack of capacity
 - Readmission rate
 - Outcomes
 - Audit against OPAT standards
 - OBDs saved



OPAT stats overview



Approx. 1830 referred, 1500 patients treated (300/year) (84% SET)



Over 33,000 OBDs saved



40% avoided admissions (resp, podiatry)



Around 65% bone and joint-OM, SA



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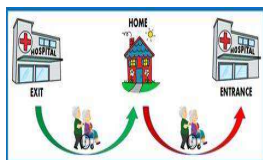
OPAT stats



87% regimens once daily dosing



Approx. 4% referrals refused due to lack of nursing



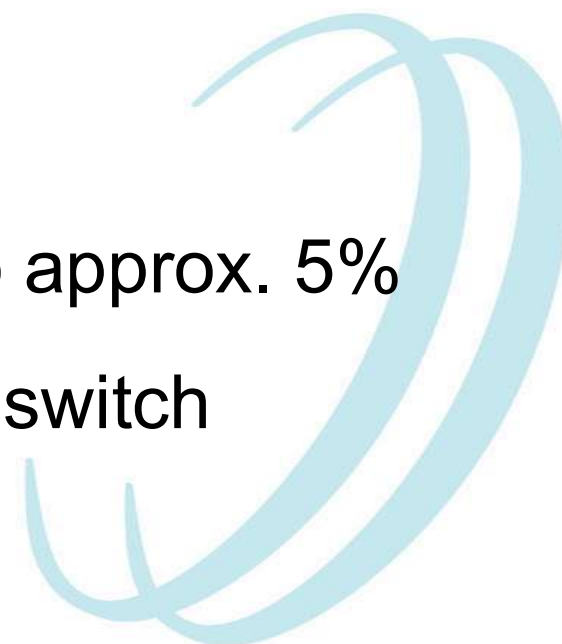
OPAT readmission rate fell from 8% to approx. 5%



25% of referrals-IVs stopped or IV/PO switch



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Questions?



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