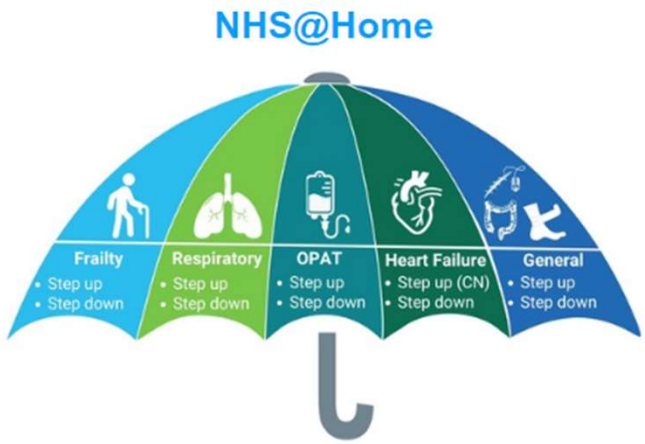
OPAT services @ Bristol



Changing landscape of OPAT in Bristol – opportunities and challenges

Dr Maha Albur

Consultant Medical Microbiology and Infectious Diseases

Clinical Lead for Antimicrobial Reference Laboratory

Clinical Lead for OPAT

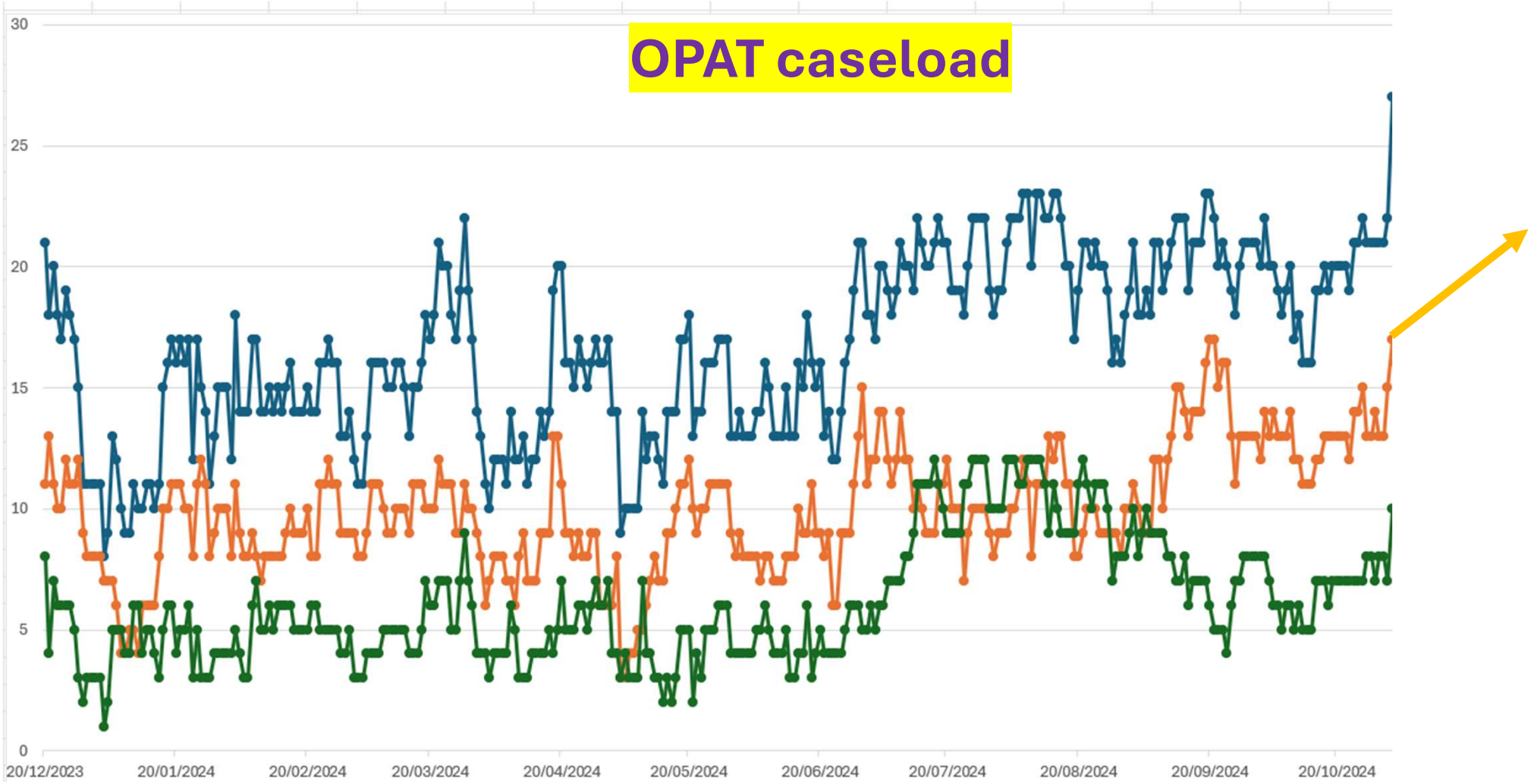
OPAT services @ Bristol

History and current (situation) services:

- ~Four years since ICB funded OPAT services under NHS@home umbrella
- Emergence of parallel pathways e.g. Frailty, Respiratory, Heart failure & IVW
- 1000 patients enrolled -10% failure re-admission rate (NHS@home)
- >6000 bed days saved in the last calendar year 23-24 by OPAT alone
- <u>Current structure:</u>

NBT- Twice weekly consultant led MDTs and daily trouble shoot 24/7/365
UHBW- Twice weekly consultant led MDTs and daily trouble shoot 24/7/365

OPAT caseload



OPAT services @ NBT

NBT OPAT data Oct 24 to Aug 25

- 253 patients accepted in this time period
- 102 patients were admission avoidance (main referrers are SDEC and Respiratory hot clinic.
- Other sources of referral include plastics clinic, diabetic foot clinic, A&E and GP referrals)
- 151 patients were discharged from inpatient bed bases

OPAT services @ NBT

NBT OPAT data Oct 24 to Aug 25 - Infections that were treated (%)

- Infective exacerbations of bronchiectasis: 83 episodes (32.8%)
- Intra-abdominal collections (including those conservatively and surgically managed): 20 episodes (7.9%)
- Cellulitis: 19 episodes (7.5%)
- Other common infections treated :
    - Bone and joint infections (including PJIs)
    - Diabetic foot infections
    - UTIs
    - Meningitis

OPAT services @ NBT

NBT OPAT data Oct 24 to Aug 25 - Antibiotics used

- Ceftazidime (24 patients)
- Ceftriaxone (58 patients)
- Ertapenem (55 patients)
- Meropenem (29 patients)
- Pip/Taz (37 patients)
- Teicoplanin (17 patients)
- Others (33)

OPAT services @ Bristol

Assessment

Strengths

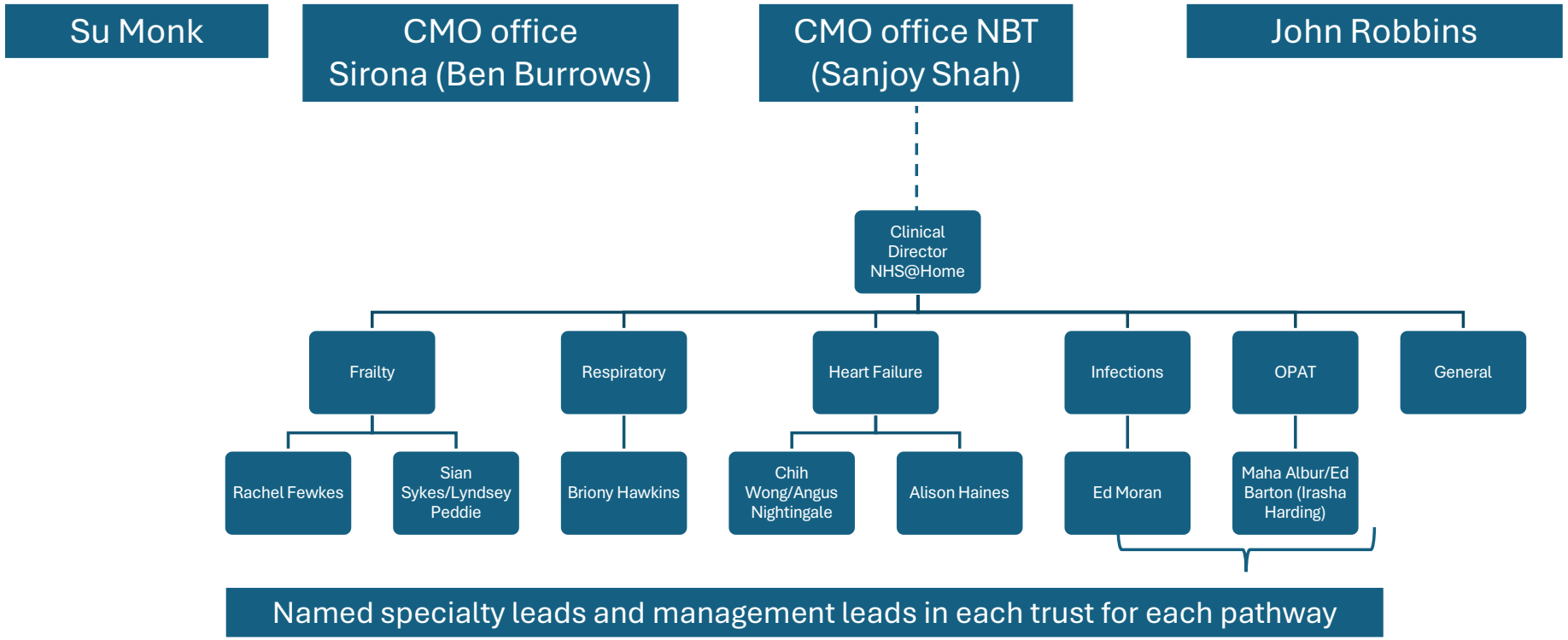
- Uniform SOP & policies across BNSSG
- Consultant led services of the MDTs
- Robust clinical governance
- Good links to local AMS/DTC and neighbouring OPAT services

Areas in transition

- Digital referrals
- Digital records in EPR & WinPath
- ePrescribing

Consultant and ACP governance structure

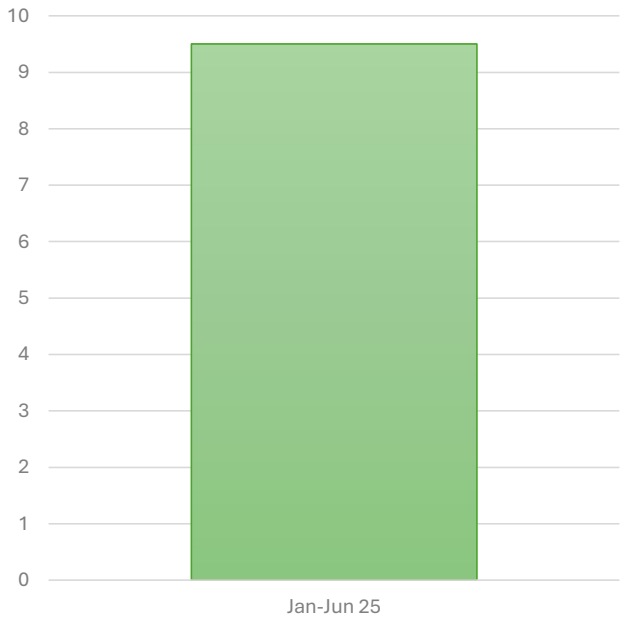
NHS
Bristol, North Somerset and South Gloucestershire
Integrated Care Board



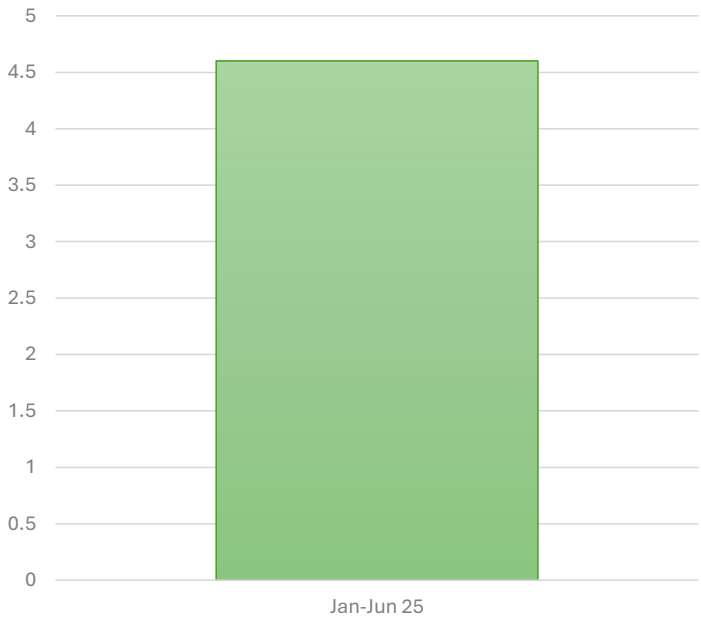
- **Each pathway requires**
  - A nominated governance Lead
  - A Regular specialty meeting which reports into CCGG (Quarterly)
  - Quarterly meeting of leads across pathways
  - Regular touchpoint between CD, AD, CL and Lead AP

Patient Feedback

Q1: Based on the service you received, overall how would your rate the service?
0=Very Poor Experience
10= Very Good Experience



Q2 How likely are you to recommend the service to friends & Family?
0=Don't Know
1=Extremely Unlikely,
5=Extremely Likely



Q3 What were the main benefits to you receiving the NHS@Home service?

"This allowed me to stay at home for treatment & keep out of hospital."

"I could leave hospital & feel I was still being looked after should any complications arise"

"Came home to be with my children - had my home comforts whilst also having excellent care from the nurses."

"I was able to recover properly at home & sleep better in my own bed."

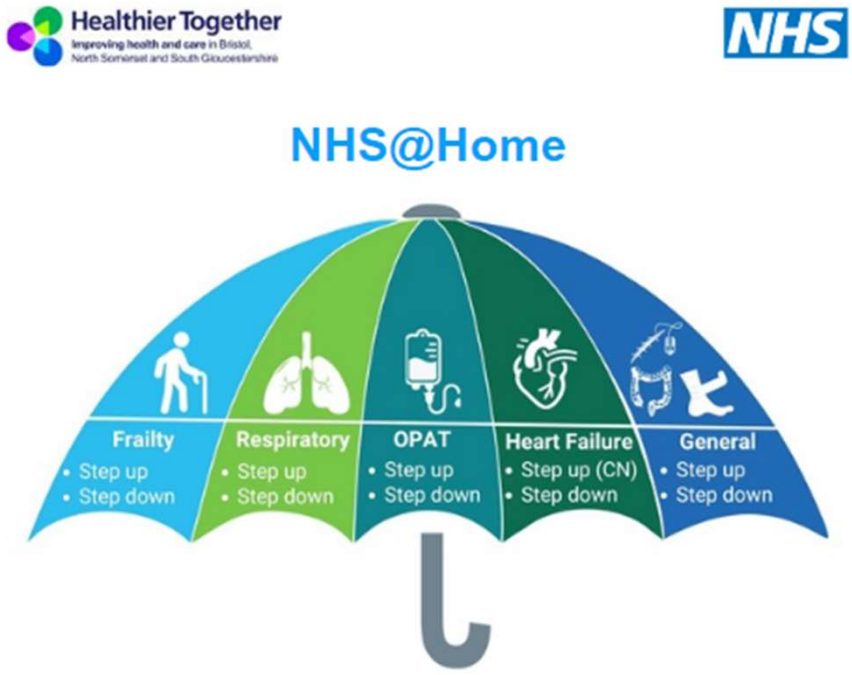
OPAT services @ Bristol

Patient Safety Incident Response Framework (PSIRF) Themes

OPAT services @ Bristol

Challenges:

- Increasing and competing demands *vs* capacity
- Increasing complexity of patients/cohort
- Reduction in GP support due to contractual action
- Vascular access (NBT) services
- Pharmacy issues - Readymade Pumps
- Availability of TDS / BD options



OPAT services @ Bristol

Opportunities:

- Integration into existing pathways, policies, SOPs and job plans!
- Clinical oversite of patients in clinic / SDEC
- Involvement of DiT, P.A. and C.S. into the delivery of OPAT.
- More joined up services to enhance learning, share experience & burden
- More proactive approach in referral and pt identification
- Self administration & COPAT
- Use of long-acting agents- Dalbavancin, Rezafungin
- Digitalisation & A.I.

OPAT services @ Bristol

THANK YOU