

Evaluation of 6 month Anaemia Nurse role in Hywel Dda University Health Board October 2024-March 2025

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Background: Hywel Dda University Health Board



4 General Hospitals
14 Health Centres
8 Community Hospitals
Mental Health Services
Residences and offices



Hywel Dda University Health Board provides healthcare services to a total population of around 385,615 throughout Carmarthenshire, Ceredigion and Pembrokeshire.



INTRODUCTION

- Secondment Opportunity to spend 6 months developing/standardising the anaemia pathway within Hywel Dda
- A set of objectives were agreed with the line manager
- Senior Sister post was backfilled giving one of the Band 6 nurses opportunity to develop in Band 7 role
- Commenced October 2024-March 2025

- Visit each PAC area in HB to benchmark against the Anaemia Pathway
- Update my prescribing practice
- Update clinical colleagues and raise awareness of the Preop anaemia pathway
- Work alongside primary care colleagues in managing anaemia
- Link with prehab orthopaedic and waiting list support teams
- Explore/develop a PGD for oral iron within preassessment clinics
- Develop a network and introduce myself to the BHNOG team
- Link with other Health Boards in Wales to learn from best practice

Anaemia Screen (POAS Blood Set) Indications

All patients in the following groups should have a POAS test within 12 weeks prior to scheduled date of surgery.

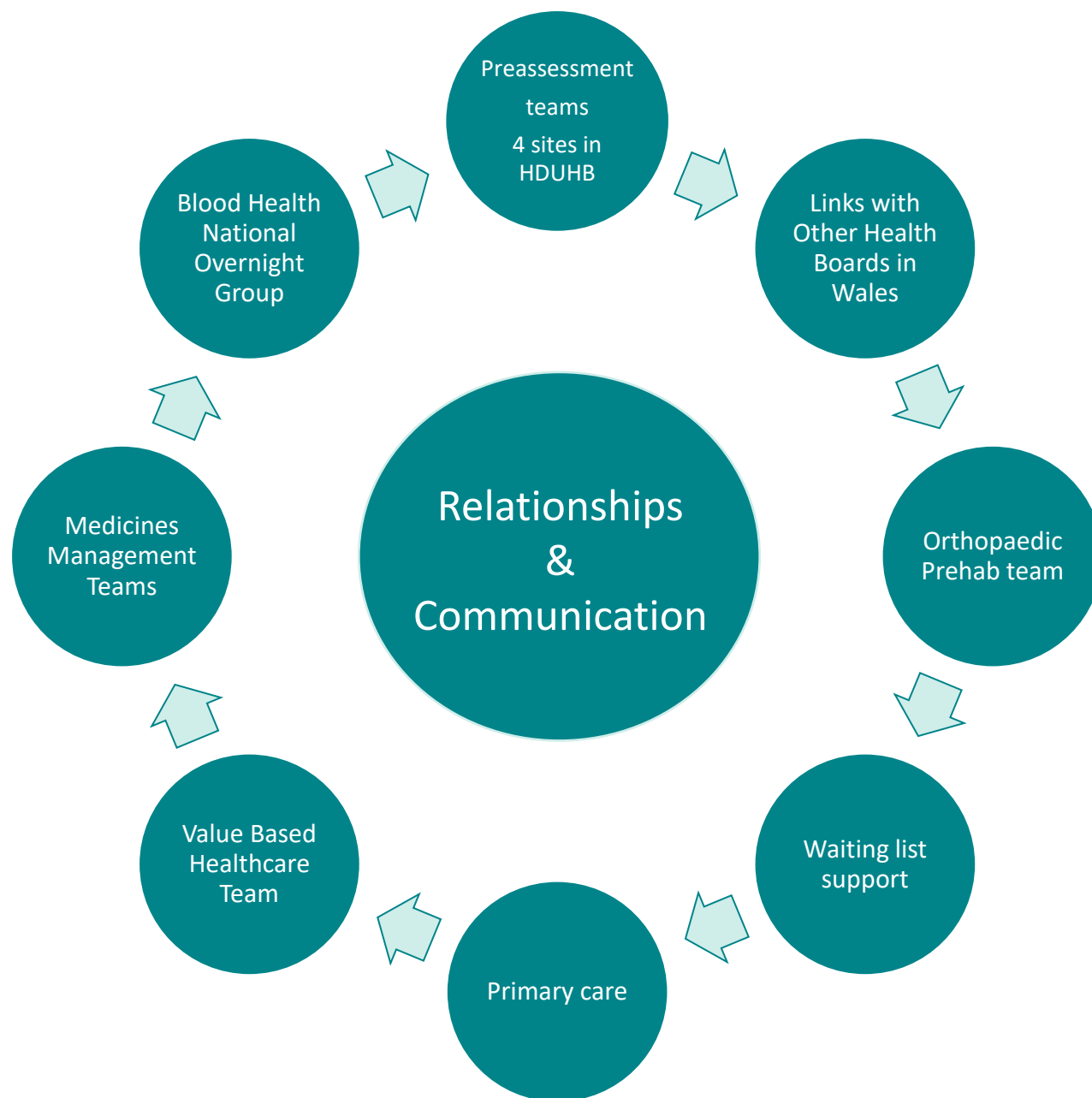
Patients who have their preassessment appointment more than 12 weeks prior to surgery will require **repeat** POAS test.

Colorectal Surgery	Partial Colectomy – Sigmoid Colectomy, Anterior Resection, Abdominoperineal (AP) Resection or Proctectomy
	Hemicolectomy – Right, Extended Right or Left
	Subtotal or Total Colectomy
	Proctocolectomy or Panproctocolectomy
Gynaecological Surgery	Hysterectomy
Orthopaedic Surgery	Primary Hip or Knee Arthroplasty
	Revision Hip or Knee Arthroplasty
Urological Surgery	Nephrectomy or Nephroureterectomy
Other Cases	<p>Clinical judgement should be used in the following cases:</p> <ul style="list-style-type: none"> • Chronically anaemic patients. • Actively bleeding patients

Reference

NHS Wales Preoperative Anaemia Pathway

CPOC Guideline for the Management of Anaemia in the Perioperative Pathway



Filter Pane



Extent of Pre-Operative Iron Testing (2018 to date)

Filters Applied:

Health Board:
• HDUHB

Year:
• 2023
• 2024
• 2025

Count of Patients with recorded
anaemia at any time within 90 days
prior to surgery

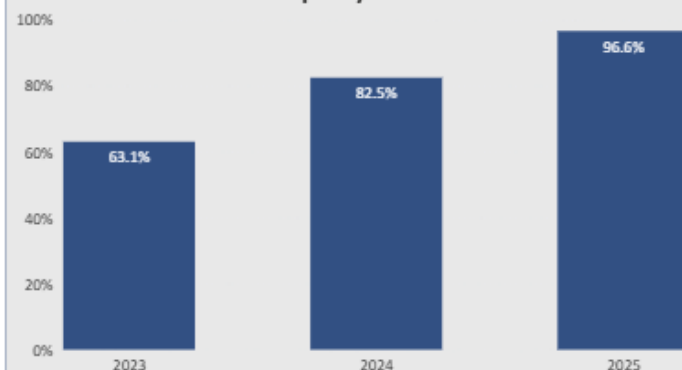
627

Patients with Recorded Fer or TSAT as
a Proportion of Patients with
Recorded Anaemia

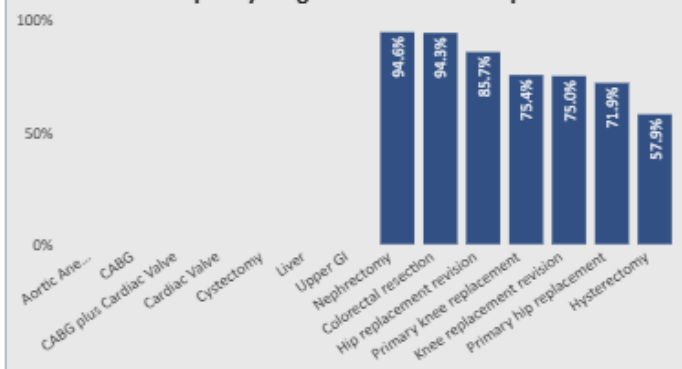
77.0%

2 patients had a recorded Ferritin or TSAT
test but no accompanying FBC. These
patients are not included in further
calculations.

Split by Year



Split by Surgical Procedure Group



Filter Pane



Extent of Pre-Operative Iron Testing (2018 to date)

Filters Applied:

Health Board:
• HDUHB

Treatment Site:
• Bronglais
General Hospital

Year:
• 2023
• 2024
• 2025

Count of Patients with recorded
anaemia at any time within 90 days
prior to surgery

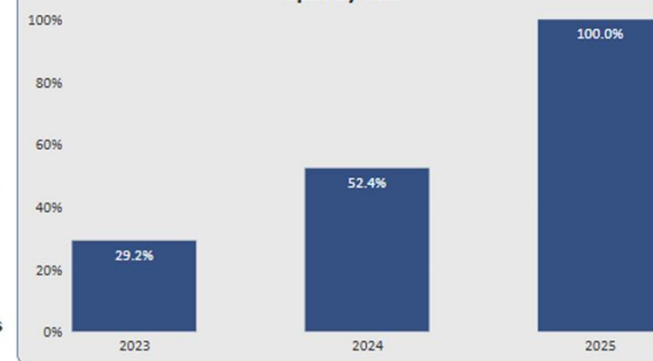
172

Patients with Recorded Fer or TSAT as
a Proportion of Patients with
Recorded Anaemia

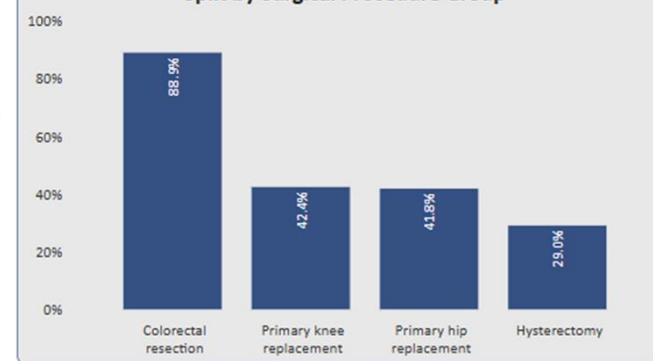
47.1%

0 patients had a recorded Ferritin or TSAT
test but no accompanying FBC. These
patients are not included in further
calculations.

Split by Year



Split by Surgical Procedure Group



Challenges

- Office space
- Feeling guilty about having time out of the busy workplace
- Breaking down barriers
- Relationship building
- Adding standard template anaemia letters to WPAS (QR codes and tables unable to be included)
- Timing of secondment

Next Steps

- Agree within HB how to continue the anaemia work
- Complete and implement the oral iron PGD
- Continue the Primary Care engagement
- Maintain links with BHNOG



Thankyou

Any Questions