



The Threshold for Platelets study: A prospective randomised trial to define the platelet count below which critically ill patients should receive a platelet transfusion prior to an invasive procedure

All Site Meeting - 24 June 2024

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ISRCTN Registry: ISRCTN79371664

Funding: NIHR HTA (131822)

Sponsor: University of Oxford

Chief Investigator: Prof Peter Watkinson

Agenda

- Trial update
 - Sites
 - Recruitment
- MACRO data queries
- Questions/site discussion

Trial Update - Sites

- Aim: **66**
- Open: **48**
 - Since our last meeting, welcome to:
 - **Gloucestershire Royal Hospital**
 - **West Cumberland Hospital**
- In set up: **9**
- Still accepting expressions of interest
 - If you have other hospitals within your Trust who could take part, do speak to them/us

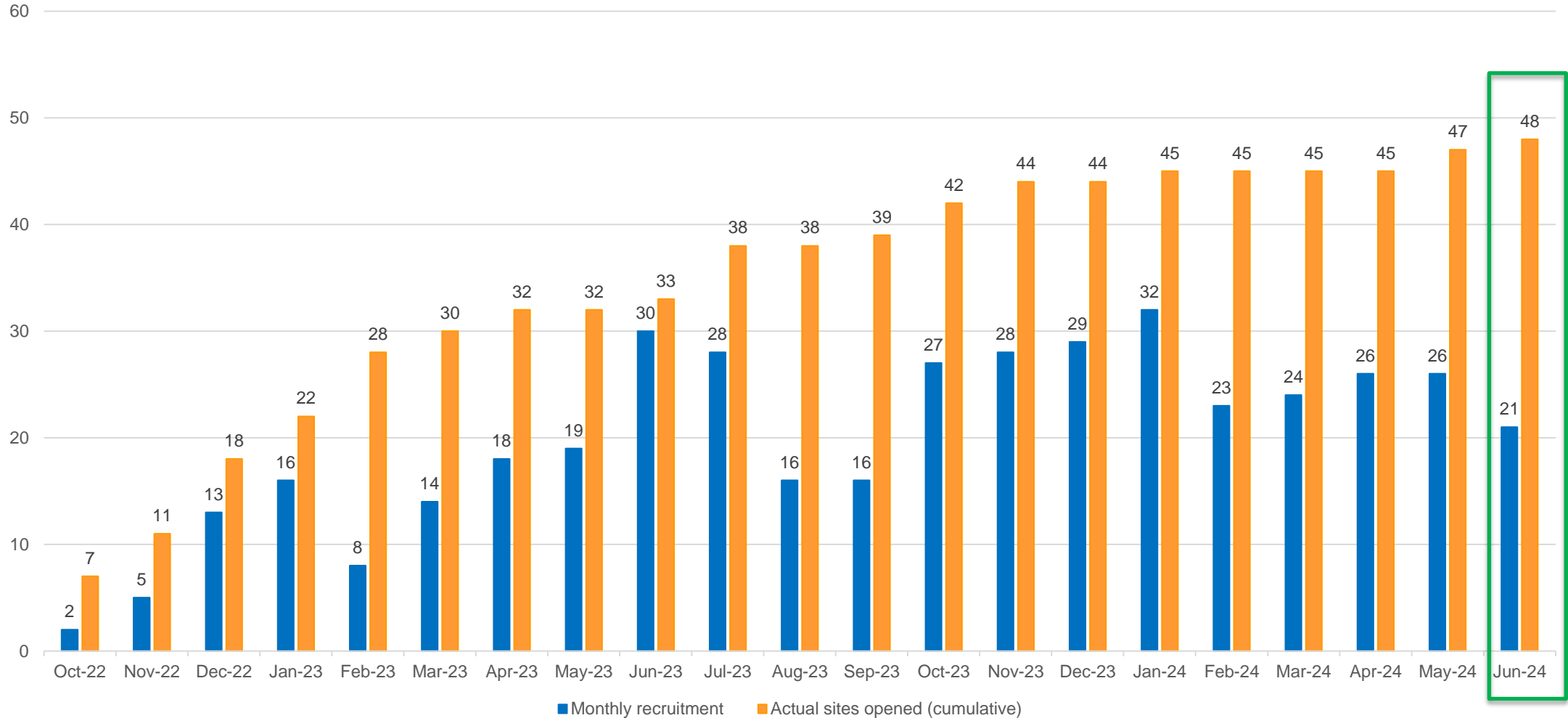
Trial Update - Recruitment

- As of 24 June 2024, **421** patients randomised
 - **400th** patient randomised by Milton Keynes University Hospital!



Trial Update - Recruitment

Monthly recruitment vs. sites open



MACRO data queries

MACRO data queries

- Scenario 1: Patient had platelet count <50 , but did not have a low bleeding risk procedure in this time

INC: Planned to undergo a specified low bleeding risk invasive procedure OR platelet transfusion being considered for an 'other' procedure

No - other, explain in comments



No - no procedure received during screening



Screening Outcome

Not randomised - Eligibility unknown



Not randomised - Did not meet all inclusion criteria



MACRO data queries

Scenario 2: Two procedures are performed when the platelets are below threshold, but no transfusion is given [non-adherent]

- If two procedures done at the same/similar time were non-adherent, only one deviation form needs to be completed.

TABLE 1:
Low bleeding risk invasive procedure list

Procedure	Time	Status	Was the platelet count prior to procedure below allocated threshold?	Platelet transfusion given for procedure?
Internal jugular vascular catheter insertion	18:00	✓	<input checked="" type="radio"/> Yes <input type="radio"/> No	✓ <input type="radio"/> Yes <input checked="" type="radio"/> No
Internal jugular vascular catheter insertion for RRT	18:00	✓	<input checked="" type="radio"/> Yes <input type="radio"/> No	✓ <input type="radio"/> Yes <input checked="" type="radio"/> No

MACRO data queries

- Note that there are two sections of the deviation form.
- In this scenario, the bottom section would apply, as the platelet count is below the threshold, but a transfusion has not been given.

Date/ Time of deviation ✓
(dd/mm/yyyy) (hh:mm 24-hour clock)

Reason for deviation

Platelet count greater than allocated threshold, but platelet transfusion given before/during low bleeding risk invasive procedure

Select main reason

Other, specify:

OR

Platelet count less than allocated threshold, but platelet transfusion not given before/during low bleeding risk invasive procedure

Select main reason

✓

Other, specify:

Are there any further deviations to report? Yes No ✓

MACRO data queries

Scenario 3: The platelet count is above the threshold, but a transfusion is given [non-adherent]

Procedure	Time	Status	Was the platelet count prior to procedure below allocated threshold?	Platelet transfusion given for procedure?
Femoral vascular catheter insertion	14:00	✓	<input type="radio"/> Yes <input checked="" type="radio"/> No	✓ <input checked="" type="radio"/> Yes <input type="radio"/> No
		⊙	<input type="radio"/> Yes	⊙ <input type="radio"/> Yes


MACRO data queries

- In this scenario, the top section would apply, as the platelet count is above the threshold, but a transfusion has been given.

Reason for deviation

Platelet count greater than allocated threshold, but platelet transfusion given before/during low bleeding risk invasive procedure

Select main reason

Recommendation from another specialty 

Other, specify:

OR

Platelet count less than allocated threshold, but platelet transfusion not given before/during low bleeding risk invasive procedure

Select main reason

Other, specify:

MACRO data queries

- If a deviation form has been completed for a procedure, please ensure the reason platelet transfusion given on daily data page 3 is listed as “Low bleeding risk invasive procedure”.

Platelet transfusions

Platelets transfusions received today?

Yes ✓
 No

G Number 4		G Number 5		Reason platelet transfusion given	Reason platelet transfusion given (other)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Recommendation from another specialty ✓	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



Platelet transfusions

Platelets transfusions received today?

Yes ✓
 No

G Number 4		G Number 5		Reason platelet transfusion given	Reason platelet transfusion given (other)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Low bleeding risk invasive procedure ✓	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



MACRO data queries

- The reason for transfusing is still for the low bleeding risk procedure [recorded on daily data page 3]
- ...but the reason for deviating to the threshold could be ‘recommendation from another speciality’ [deviation form]

Coming up...

Coming up...

- Our first **ICNARC Associate PI Webinar**
 - 08 July 2024 13:00 - 13:45
- Next **eligibility & randomisation drop-in** session
 - w/c 08 July 2024
- Next **T4P Investigators Meeting**
 - 13 September 2024 in London
 - Remember to register if you're able to attend!
- 6-monthly **individual site reports**
 - Will be sent out in July 2024
 - Our CI would like to meet with sites to review these

Questions/site discussion

- Any questions?

Thank you!



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