



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 - 18 July 2024

IRAS ID: 312405 / 328271

NIHR CPMS ID: 53274

REC Ref: 22-SC-0186 / 23-SS-0082

ISRCTN Registry: ISRCTN79371664

Funding: NIHR HTA (131822)

Sponsor:

University of Oxford

Chief Investigator: Prof Peter Watkinson

FUNDED BY

NIHR | National Institute
for Health Research



Agenda

- Trial update
 - Sites
 - Recruitment
- Available resources
- Coming up
- Questions/site discussion

Trial Update - Sites

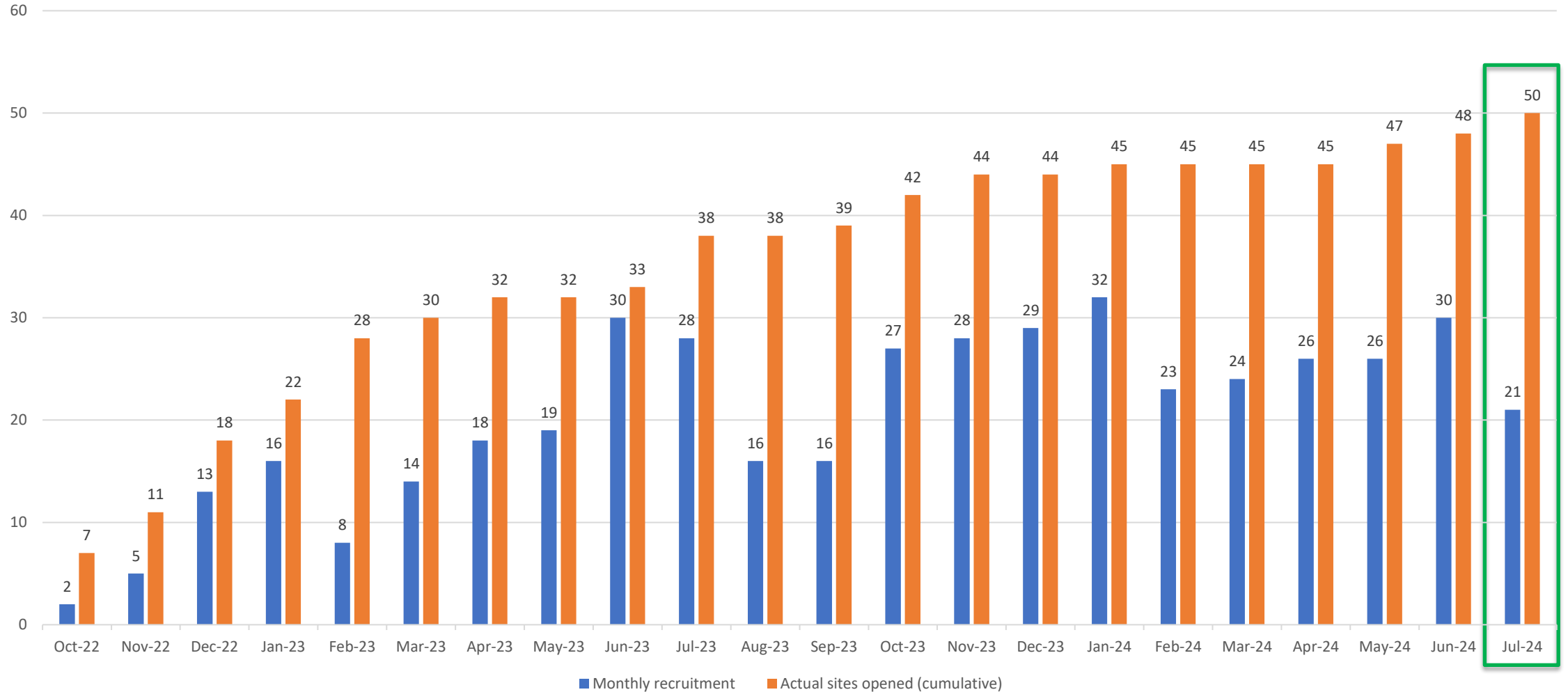
- Aim: **66**
- Open: **49**
 - Since our last meeting, welcome to:
 - **Queen Elizabeth Hospital, Birmingham**
 - **Royal Stoke Hospital**
- In set up: **5**
- Still accepting expressions of interest
 - If you have other hospitals within your Trust who could take part, do speak to them/us

Trial Update - Recruitment

- As of 18 July 2024, **451** patients randomised

Trial Update - Recruitment

Monthly recruitment vs. sites open



All Site Meeting

Recruitment displayed to 18 July 2024



Available Resources

- A recap on what resources are available for T4P

Available Resources

- Resource Summary
 - A document of all our available resources, where to find them and how to use them
 - Reminder that all our resources are on the new sites only website:
<https://www.icnarc.org/research-studies/t4p/for-sites/>



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Summary of resources

This document contains a summary of resources available to sites taking part in T4P and tips on how to use each resource.

The majority of resources are available to download on the T4P webpages at:
<https://www.icnarc.org/Our-Research/Studies/Current-Studies/T4P/Information-For-Sites/Information-Pack> (QR code above) or available on request from T4P@icnarc.org

Available Resources

- Training [1]
 - Full study training (e.g., research staff signing delegation log)
 - SIV slides/recordings
 - 1-2-1 training with trial manager
 - Eligibility & randomisation training (e.g., clinical staff signing training log)
 - Self-directed / local team member training using:
 - Eligibility & randomisation training slides
 - Eligibility & randomisation online package [NEW]
 - Monthly eligibility & randomisation drop-in training sessions
 - Bedside teaching for study awareness
 - One-page bedside teaching summary sheet

TIP Threshold for Platelets (T4P) icnarc

What is the trial about?

To define the platelet count below which critically ill patients should receive a platelet transfusion prior to an invasive procedure.

Patients are randomly allocated to a platelet transfusion threshold below which they should be given a platelet infusion prior to a low bleeding-risk procedure (typically insertion of a central line). If their platelet count is above the threshold they do not receive a platelet infusion prior to the procedure.

Which patients are eligible?

- Adults in Critical Care (or accepted for admission) AT
- ANY TIME during their admission
- Platelet count $<50 \times 10^9/L$
- Planned to undergo a specified* low bleeding risk invasive procedure OR platelet transfusion being considered for an 'other' procedure

How to help identify patients

Review each platelet count & contact research team if platelet count $<50 \times 10^9/L$.

Contact research team here:

PTD procedures listed on reverse

Patients are screened throughout admission by the local research team & trained members of the clinical team, also involving the bedside staff
 -- eligibility is discussed with the treating doctor in charge of the patient's care for that shift.
 Patients are entered into the trial by trained research &/or clinical staff using a quick online system. This is communicated to the bedside team.

What are the trial groups that the patient could be randomised to & what do they mean?

Platelet transfusion threshold $<10 \times 10^9/L$	Platelet transfusion threshold $<20 \times 10^9/L$	Platelet transfusion threshold $<30 \times 10^9/L$	Platelet transfusion threshold $<40 \times 10^9/L$	Platelet transfusion threshold $<50 \times 10^9/L$
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Available Resources

- Training [2]
 - Training checklists [NEW!]
 1. For new clinical staff [include in induction packs]
 2. For new research staff [e.g. research nurses]
 - Certificate templates
 1. Trial trained staff
 2. Randomising staff
 3. Staff providing support

The T4P trial

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. NIHR Portfolio CPMS ID 53274

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<Insert hospital logo here>

CERTIFICATE OF RANDOMISATION

This certificate is awarded to

<Insert staff Name>

for successfully recruiting an eligible patient into the T4P trial
at <insert hospital name>

<Insert PI signature or delete>
<Insert PI name>
T4P Principal Investigator

Available Resources

- Engagement & Awareness
 - T4P stickers with QR code
 - Threshold stickers & bedside signs
 - Staff posters:
 1. Headline eligibility for unit/ED
 2. Highlighting research for staffrooms/toilets!
 3. Co-interventions for bedside
 4. Procedure list for bedside
 - T4P pens and post-its
 - Pocket cards



T4P

Eligible patients

- ✓ Aged >18 years
- ✓ Accepted for admission to critical care
- ✓ Need a procedure e.g. central line
- ✓ Platelets <50x10⁹/L

Learn more about the study here

T4P

This patient is participating in the T4P study and has been randomised to:

Threshold for platelets for low bleeding risk procedures

Less than 30x10⁹/L

T4P

Threshold for Platelets study (T4P): a prospective randomised trial to define the platelet count below which critically ill patients should receive a platelet transfusion prior to an invasive procedure

Are you interested in getting involved in research?

Want more certificates for your portfolio?

Want to be part of an important study to change clinical practice?

API Scheme

Contact your research team

T4P Training

Exclusion Criteria

- ✗ Ongoing major haemorrhage
- ✗ Intracranial haemorrhage in prior 72 hrs
- ✗ Platelet transfusion contraindicated
- ✗ Acute promyelocytic leukaemia (APML)
- ✗ Known advance decision to refuse blood transfusions
- ✗ Imminent death or palliation
- ✗ Previously randomised into T4P
- ✗ Fulfilled all the inclusion criteria and no exclusion criteria ≥ 72 hour

For any queries contact your local research team

Name _____

E-mail _____

Phone _____

ICNARC
E-mail: T4P@icnarc.org
Phone: 0207 8316 878

Available Resources

- Guides
 - Randomisation quick guide
 - Keep in your grab-packs on the unit
 - CRF guidance
 - Consent guide
 - Study manual

T4P Study Manual

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T4P Trial Consent Guide

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T4P RANDOMISATION: Quick Guide

Only staff members who have received trial training (recorded on the Training Log) are able to randomise patients into the trial.

*Note: these staff do not require GCP training if their sole role on T4P is to confirm eligibility and/or randomise.

If you do not meet these requirements, please contact your local research team.

- 1) **ASSESS ELIGIBILITY** using the paper Randomisation Form – record information on this form prior to accessing randomisation website.

Electronic Case Report Form (eCRF) Guidance

This guidance document is to help sites with data collection and entry onto the electronic Case Report Form, hosted by MACRO.

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More Resources Incoming!

- We are always trying to add more resources we think may be useful and suggested by you
 - MS Sway training packages for Eligibility & Randomisation
 - Brand new Screening & Randomisation flow webpage
 - Animated video for patients to help consent discussions

Any other suggestions?

Coming up...

- Next **T4P Drop-in training Session**
 - 19 August, 13:30-14:00 via Teams
 - Please pass onto any clinical staff who would like to get on the training log
- **Electronic Systems & Alerts Drop-In Meeting**
 - 29 August, 13:30-14:30 via Teams
 - Please do pass onto IT colleagues who would be interested in joining
- Next **T4P Investigators Meeting**
 - 13 September 2024 in London
 - Remember to register if you're able to attend!

Questions/site discussion

- Any questions?

Thank you!



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[icnarc.org/Our-Research/Studies/T4P](https://www.icnarc.org/Our-Research/Studies/T4P)