A Spec-tact-ular Update!

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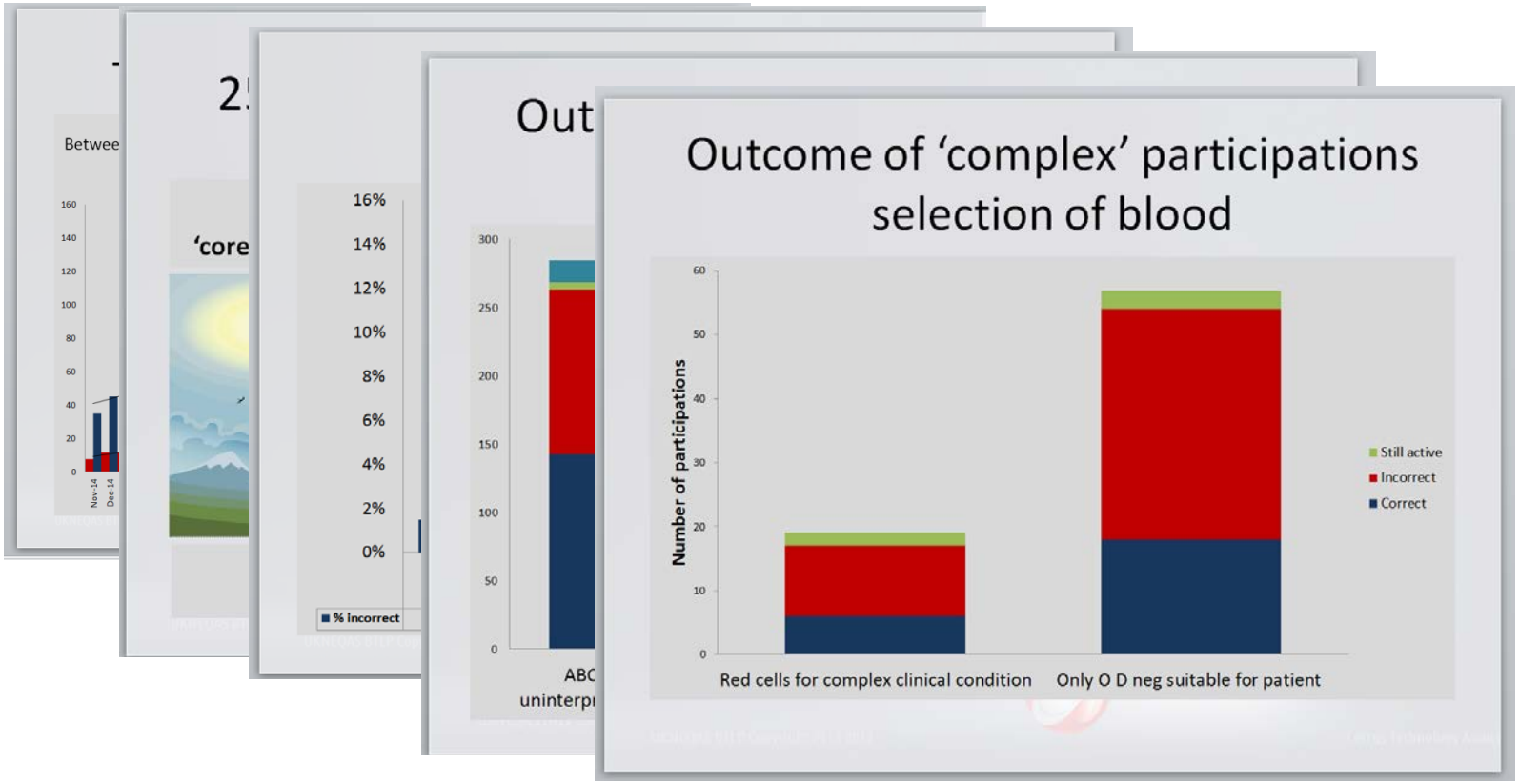
Haematology and Transfusion

On behalf of the TACT team, UK NEQAS BTLP

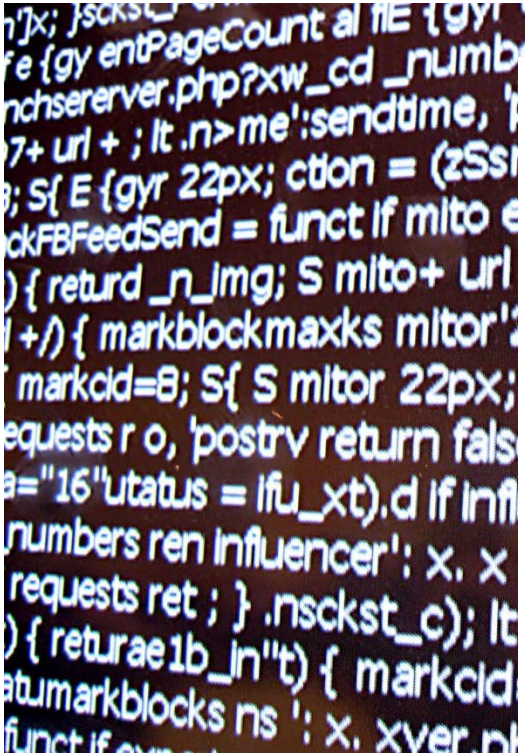
What's happened?

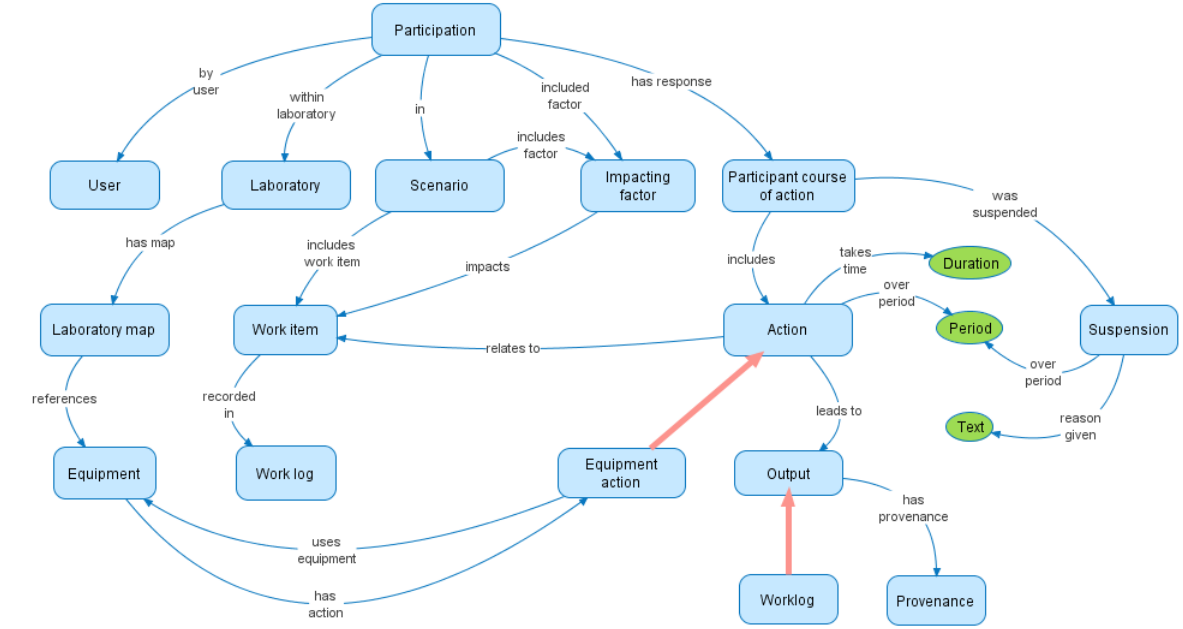
- Benchmarking data presented from the system at Glasgow 2017 BBTS



What's happened?

- Generation of participation re-programming



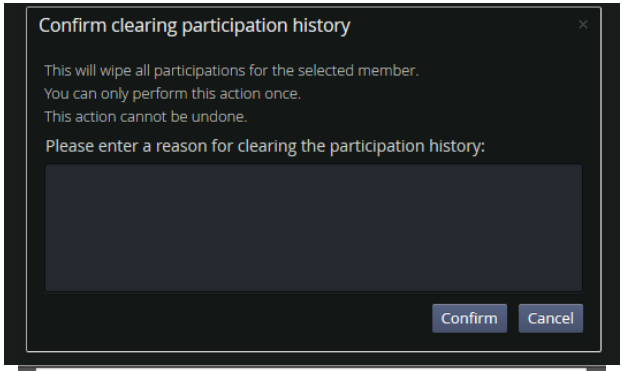


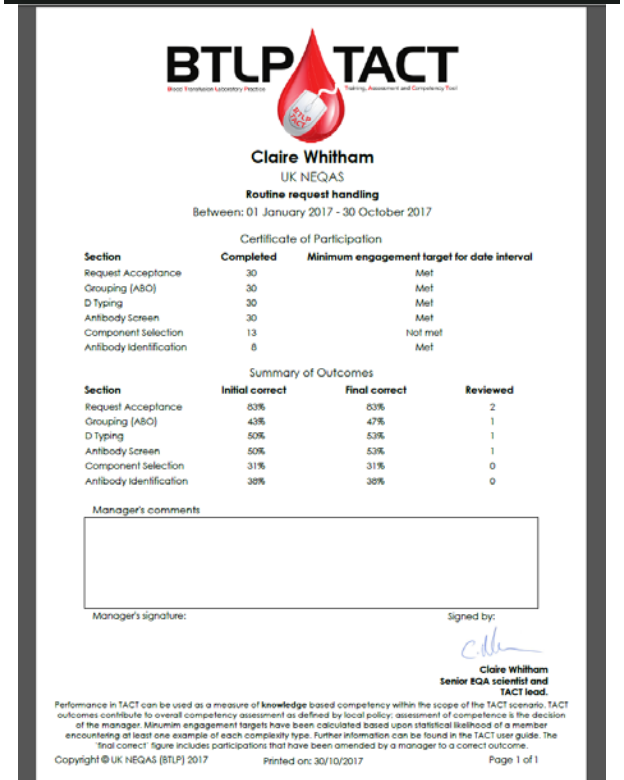
What's happened?

- Updated security system
  - Single sign on point
  - Toggle between the live environment and the lab managers front office

As a direct result of subscriber feedback….

- Managers ability to clear dashboard
  - Single use 'wipe' function
  - Available for use on new members up to 15 completed participations
- Engagement and performance certificate
- Administrator upgrade product





BTLP TACT

Claire Whitham
UK NEQAS
Routine request handling
Between: 01 January 2017 - 30 October 2017

Certificate of Participation

Section	Completed	Minimum engagement target for date interval
Request Acceptance	30	Met
Grouping (ABO)	30	Met
D Typing	30	Met
Antibody Screen	30	Met
Component Selection	13	Not met
Antibody Identification	8	Met

Summary of Outcomes

Section	Initial correct	Final correct	Reviewed
Request Acceptance	83%	83%	2
Grouping (ABO)	43%	47%	1
D Typing	50%	53%	1
Antibody Screen	50%	53%	1
Component Selection	31%	31%	0
Antibody Identification	38%	38%	0

Manager's comments

Manager's signature: Signed by:

Claire Whitham
Senior EQA scientist and TACT lead.

Performance in TACT can be used as a measure of **knowledge** based competency within the scope of the TACT scenario. TACT outcomes contribute to overall competency assessment as defined by local policy; assessment of competence is the decision of the manager. Minumim engagement targets have been calculated based upon statistical likelihood of a member encountering at least one example of each complexity type. Further information can be found in the TACT user guide. The 'final correct' figure includes participations that have been amended by a manager to a correct outcome.

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Coming very soon….

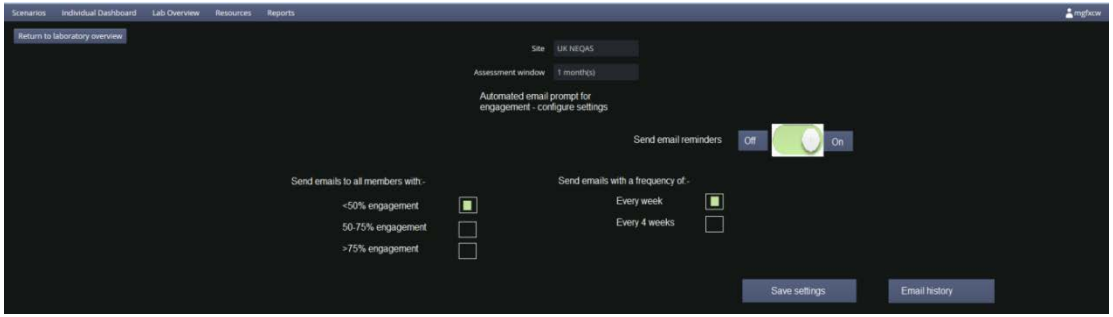
- Redesign of the request form, with request number included
- Filing away requests once completed
- Automatic email for managers when staff members get a red mark
- Automatic email for members who have not engaged in a set time frame

D.O.B	Unique PID No.	NHS No.	Specimen taken		Date/time rcv'd in lab
			Date/Time	By	Lab use only
Surname		Sex M / F			
Forename (s)		Specimen Blood	Full clinical / operation details		
Address					Hospital BTLP TACT
Requesting Doctor / Signature / Bleep No.			Consultant/GP	Priority Routine	Ward/Clinic

Blood Grouping / Crossmatching / Blood Component Issue

Investigation/Product	Number of units	Date / Time required	Specific requirements	Patient History
☐ Blood group & Save			☐ CMV Negative	Previous pregnancy?
☐ DAT			☐ Irradiated	Prophylactic anti-D?
☐ Kleihauer			☐ Methylene Blue FFP	Date last anti-D dose …/…/…
☐ Crossmatch			☐ Other ……..	Previous transfusion?
☐ Platelets			High Risk? Attach sticker here	Date last transfused
☐ FFP				Transfusion reaction?
☐ Cryo			Known antibodies (specificity)	

All requests for blood components must be fulfilled, regardless of patient demographic, clinical condition or urgency of the request



What's on the horizon?

- More blood components – plasma products
- Group check sample – set up to encompass local practice
- Electronic issue/serological crossmatch
  - Format under discussion
  - Rule heavy!

Thank you for listening!

Any questions?