

This newsletter is produced for the Newcastle Upon Tyne Hospitals by the Hospital Transfusion Team (HTT) with the support of the Hospital Transfusion Committee (HTC) to promote new information concerning blood transfusion, highlight any recurring errors/incidents and to advertise relevant training opportunities.

D Negative Women and Pregnancy

- ◆ D Negative women who carry a D Positive fetus may produce an antibody to the D antigen in pregnancy.
- ◆ In subsequent pregnancies where the fetus is D Positive, these antibodies may cross the placenta and cause Haemolytic Disease of the Newborn (HDN).
- ◆ Routine antenatal prophylaxis is offered to all D Negative women at 28 weeks, at delivery and following any sensitising events.
- ◆ Approx. 40% of D Negative mothers will carry a D Negative baby and are not at risk of HDN.
- ◆ NHSBT have developed a non-invasive test using a maternal sample to identify the D status of the fetus during pregnancy
- ◆ This means women carrying D Negative fetus will avoid unnecessary treatment and clinicians can focus on those carrying D Positive fetus.
- ◆ **NUTH is proud to announce that as of March 2022 our Trust maternity services will offer this test to all D Negative women around week 16 weeks of pregnancy.**



Cascade Training

Each ward/ clinical area should have at least 1 designated blood transfusion cascade trainer. Virtual sessions are held 10am on 3rd Monday of every month and if you are interested please contact the transfusion team to book a place.

nuth.hospitaltransfusionteam@nhs.net

Spotlight on the Lab

My name is Richard and I have recently taken up a new role as a Transfusion section leader at the RVI.



I studied Biomedical Sciences at Northumbria University in 2008, and after spending a year doing a sandwich placement at the RVI/ Freeman Haematology and Transfusion laboratories, I returned following graduation in 2012.

Since then, I have been building my experience in the Haematology and Transfusion laboratories at the Freeman, whilst completing my IBMS Specialist Diploma in 2017, and my IBMS Higher Specialist Diploma in December 2021. After spending the bulk of my career working in the Freeman laboratories, I am looking forward to learning more about the transfusion requirements for the different specialities on the RVI site. I am looking forward to being part of the roll out of the Closed Loop Blood project. While being quite a challenging time this will also make the next year very interesting for the service users across the city with the implementation of a fully electronic transfusion system which we hope will make life a little easier for all staff.

Please send any feedback /suggestions/non-urgent enquiries to:

nuth.hospitaltransfusionteam@nhs.net

HAEMONETICS[©]

BLOOD TRACK[©] SYSTEM

Phase 1 Update

Phase 1 went live on 16/03/2022, it was a huge success thanks to the help of our cascade trainers. Two months on and other than a few minor teething problems there has been no issues. If you still require training on the use of the new blood fridges please contact your blood transfusion cascade trainer or the transfusion practitioner team.

Phase 2 of the fully electronic blood transfusion system Go-Live Summer/Autumn 2022!

Don't worry there will be plenty of training provided beforehand.

Phase 2 is set to go live starting in the summer of 2022 and will revolutionise the whole transfusion process:

Blood Track Enquiry - Will allow you to check if blood is available for your patient and if so where it can be collected from

Electronic Prescribing - Will enable the authorisation of blood components to be performed in E-Record

Blood Track Tx - Clinical areas will be assigned handheld devices and printers that have the ability to

- ◇ Collect samples—without the need for paper request forms
- ◇ Create pickup slips to collect blood components from the fridge
- ◇ Receipt of blood components into the clinical area
- ◇ Begin transfusion – including recording observations
- ◇ End transfusions – including recording observations and any reactions
- ◇ Information will automatically feed back into E-Record and the Lab computer system to update the patients record and complete the traceability of the blood

Blood Track Enquiry		
Last:	APEX	Red Cells Available
First:	TESTING 3	Blood Group: 0 Pos
Number:	91646718	Requirements:
Birth Date:	31-Jan-2006	
Gender:	Male	
Location	Prod...△	Crossmatched
RVI Paed TH	Red Cells	3

Buttons: Back, Details, Pickup Slip



Feedback Welcome

Please send any feedback to nuth.hospitaltransfusionsteam@nhs.net