

**The Update**  
**July 2016**

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**1.1 “Save one O D Neg a week” campaign and O D Neg Toolkit**

The National O D Negative Working Group and NHSBT Patient Blood Management Team launch;  
“Save one O D Neg a week” campaign and O D Neg Toolkit



Supply of O D negative Red Blood Cells is a challenge for most blood services around the world and NHSBT is working hard to ensure adequate supplies are available when required. We are focusing on donor marketing to achieve a blood group mix appropriate to clinical demand but we face the challenge that approximately 7% of the UK population is O D Negative, with current demand greater than 12%.



The a **“Save one O D Neg a week”** Campaign is designed to encourage all hospitals to make small incremental differences by considering a range of initiatives to help conserve this precious resource.

We have produced an [“O D Neg Toolkit”](#) to help clinical and laboratory staff in hospitals promote the safe and appropriate use of O D negative red cells and to reduce wastage. We will be updating the [toolkit](#) as new resources are produced. If you have any resources or successes you would like to share on this toolkit, please get in touch with your local Patient Blood Management Practitioner.

Please use this campaign in your hospital and work with us to **“Save one O D Neg a week”**

**Joanne Shorthouse, Patient Blood Management Practitioner**

#### **For Information**

##### **2.1 SHOT Annual Report for events reported in 2015**

The Serious Hazards of Transfusion (SHOT) Annual report was launched at the SHOT Symposium on July 7<sup>th</sup>. The report may be viewed and downloaded from the SHOT website [www.shotuk.org](http://www.shotuk.org). More than 3500 incidents were reported in 2015 and 78% of these were due to errors. There were 7 ABO-incompatible red cell transfusions. Laboratory errors have increased and reasons for these are explored. New this year, the four UK Blood Services have collaborated to produce data on donor incidents. Most of the time transfusion is safe but there is room for improvement and the report notes again the need for correct patient identification, documentation and good communication.

**Dr Paula Bolton-Maggs, Medical Director, SHOT**

##### **2.2 Patient Information Leaflets and Educational Resources**

A PowerPoint presentation ‘Patient consent for blood transfusion’ and a ‘Consent for transfusion’ template which can be adapted for use by hospital staff is available to download from our website at:

<http://hospital.blood.co.uk/patient-services/patient-blood-management/consent-for-transfusion/>

On our websites Education page you will find details of national conferences, information regarding the NHSBT Non Medical Authorisation of Blood Components course, along with educational resources which are available for download or free to order via the distribution hub.

The Patient Blood Management Practitioner Team have revised the Fresh Frozen Plasma and Cryoprecipitate patient information leaflet, effective from 1<sup>st</sup> July 2016:

Please ensure that all old copies of this leaflet are removed from circulation. Copies of the revised leaflet can be ordered free of charge from the distribution hub <https://hospital.nhsbtleaflets.co.uk>

## **Denise Watson, Patient Blood Management Practitioner – Education Team**

### **2.3 National Paediatric Conference**

NHSBT are proud to host a national conference 'Paediatric and Neonatal Transfusion - your questions answered' on Thursday 2nd February, 2017 at the Hilton Birmingham Metropole.

The keynote speaker at this event will be Dr Naomi Luban, Professor of Paediatrics and Pathology, George Washington University School of Medicine and Health Science, USA and she will present on 'Patient Blood Management - an international perspective'.

Other topics will include:

- The use of blood and its risks in children
- What does research tell us?
- How to approach anaemia in children and neonates
- When should we use tranexamic acid?

The event will be of interest to paediatricians, neonatologists, haematologists, anaesthetists, surgeons, paediatric nurses, neonatal nurses, BMSs, TPs and trainees in healthcare.

The delegate fee is only £70. Please see the application form for payment methods. Full details are on our website:

<http://hospital.blood.co.uk/patient-services/patient-blood-management/education/>

The programme is nearing completion and will be shared with you as soon as possible.

## **Denise Watson, Patient Blood Management Practitioner – Education Team**

### **2.4 Haemoglobinopathy Genotyping Initiative – close of project**

The haemoglobinopathy genotyping initiative closed on 30<sup>th</sup> June 2016. Between April 2015 and June 2016 NHSBT offered extended genotyping, free of charge, for all haemoglobinopathy patients (sickle cell disease and thalassaemia) in England.. This made comprehensive genotyping available to all haemoglobinopathy patients. The genotype test covered blood groups including RHD and RHCE variants.

During the initiative we received 4,225 samples, 42% of the estimated 10,000 haemoglobinopathy patients in England. These genotyping results and a record of existing and historic alloantibodies are available via the NHSBT Sp-ICE system. This will benefit the patients, whose samples we received, as timely access to the patient's extended genotype before critical clinical scenarios occur that may require selection of blood for transfusion.

IBGRL developed this extended genotype test for the initiative which is offered at Filton for £117.50. Please see also the update on *"New genotype tests and pricing at IBGRL"*.

## **Dr Mark Williams, Head of Red Cell Immunohaematology**

## 2.5 New genotype tests and pricing at IBGRL

A new extended genotype test was developed by IBGRL and offered to all haemoglobinopathy (sickle cell disease and thalassaemia) patients in England. The extended genotype offers improved detection of Rh variant types, which now allows clinicians to select more appropriate blood for transfusion of these patients. This test was free of charge until the end of June and is now available as a chargeable test by IBGRL at Filton.

New testing structure:

1. Standard genotype (RhD, C, c, E, e, K/k, Fy<sup>a/b</sup>, Jk<sup>a/b</sup>, M/N, S/s, U-, U<sup>var</sup>) – £107.03
2. Extended genotype (haemoglobinopathy test array including common RhD, C and e variants, V, VS, hr<sup>B</sup>, hr<sup>S</sup>, or standard genotype plus Fy<sup>X</sup>, Kp<sup>a/b</sup>, Js<sup>a/b</sup>, Lu<sup>a/b</sup>, Di<sup>a/b</sup>, Co<sup>a/b</sup>, Do<sup>a/b</sup>, LW<sup>a/b</sup>, Sc as required) – £117.50

Please note that standard patient genotyping requests can be performed urgently, if required within a 24 hour turnaround time, for an added premium of £125.00.

**Dr. Kirstin Finning, IBGRL Head of Molecular Diagnostics**

## 2.6 Replacement of 3 part paper issue note and OBOS Development

We are looking to replace the current three part paper issue note with a single laser printed version containing the same data sets.

The benefits of this are:-

Clarity - clearer print for users

Simpler system - removes the need for Hospital to return one part to NHSBT

Environmental - reduced paper usage

To enable this change we are exploring the ability for hospital users to enter the received date and time directly in to OBOS.

Initial consultation with some hospitals suggests this can be incorporated in to current work patterns such as when lab staff are downloading the EDN data (where used) or when fating units.

We would appreciate your thoughts on this proposal as well as any changes you would like to the current data supplied on issue notes.

Please send your comments to [OBOS@nhsbt.nhs.uk](mailto:OBOS@nhsbt.nhs.uk) or contact Craig Wilkes on 0121 278 4132

**Graham Walters, National Hospital Services Manager - Manufacturing Development Team**

**Craig Wilkes, Regional Customer Service Manager**

## **For Training**

### **3.1 Training & Education Events and Courses**

We are pleased to announce our training course dates for 2017 and to highlight the few remaining spaces in 2016. Please follow the link to our up to date course calendar for dates and availability [click here](#)

#### **Advanced Transfusion Master Class**

Manchester 6 October 2016

Newcastle 11 January 2017

#### **Blood Centre tours**

An overview of NHSBT and the workings of Blood Centre laboratories. We offer half day tours in Filton, Newcastle, Colindale, Manchester and Sheffield.

#### **Practical Introduction to Transfusion Science**

A five day course to provide basic theoretical information and an introduction to routine practical techniques. Spaces for 2016 /17 in Filton, Sheffield, Manchester, Newcastle and Tooting.

#### **Specialist Transfusion Science Practice**

A one week course to provide specialist level theoretical and practical information relating to more complex aspects of transfusion science. Course available in 2016/17 in Filton, Tooting, Sheffield, Newcastle and Manchester.

#### **Non-Medical Authorisation of Blood Components**

A four day programme for senior nurses and midwives who are working towards making the clinical decision. The course provides the written instruction for blood component transfusion. All courses for 2016 are fully booked, book early for 2017.

#### **Essential Transfusion Medicine / Intermediate Transfusion Medicine**

To meet the training needs of Specialist Registrars and Clinical Scientists who are studying for Part 1 RCPATH exam.

With the option of one week Essential Transfusion Medicine or three weeks Intermediate Transfusion Medicine, or all four weeks running back to back. You may attend either the first week, the last three weeks or the full 4 weeks. Limited spaces in 2016; book now for 2017.

RCPATH Pre Exam Revision Course (a one week course). Spaces available in Manchester, Tooting and Filton in 2016/17.

#### **Ruth Evans, OD Manager Scientific Training**

A full list of NHSBT training events, which are open to hospitals, is available at <http://hospital.blood.co.uk/training/>

If you have any queries about this months Update please contact your Customer

Service Manager, Patient Blood Management Practitioner or either of us using the details below.

For further information please visit the NHSBT hospitals website on: <http://hospital.blood.co.uk/>



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