

Session 1: Donor Management
19 April, 13:00 – 17:00 GMT

Moderator: Dr Rekha Anand

- 12:00-13:00** **Welcome Lunch**
- 13:00-13:05** **Welcome**
EBA TBC
- 13:05-13:10** **Opening**
By Host TBC
- 13:10:13:20** **Introduction to the workshop**
Peter van den Burg MD, PhD,
Chair EBA Rare Blood Provision WG
Department Transfusion Medicine, Sanquin, Netherlands
- 13:20-13:35** **Introduction to Rare blood donors topic and Highlights of Rare blood provision survey**
Dr Rekha Anand,
Consultant in Transfusion Medicine, NHS Blood and Transplant UK
Q&A
- 13:35-14:00** **The Colour of Blood**
Dr Rekha Anand, Consultant in Transfusion Medicine, NHS Blood and Transplant UK
Q&A
- 14:00-14:20** **Case study presentation** – when rare blood is not available, and the patient is needing it –
the challenges and how to manage it.
Matt Hazel, Senior Clinical Scientist (HSST) NHSBT
- 14:20-14:45** **Coffee break**
- 14:45-15:10** **Donor criteria of regular donors versus rare donors in Italy**
Daniele Prati
Director, Department of Transfusion Medicine and Hematology
Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico
Q&A
- 15:10-15:15** Introduction to break-out rooms' topics:
Rekha Annand
- 15:15-16:15** **Break-out discussions** looking at what exactly is defined as rare in terms of antigenic
configuration of red cell using the ISBT definition in different countries
- 16:15-16:30** **Brief Break**
- 16:30-17:00** **Feedback from break-out sessions & conclusions**
Rekha Anand
- 17:00-17:10** **Looking into the future**
Rekha Anand & Peter van den Burg
- 17:10-17:20** **Closing**



Session 2: Testing strategies to find Rare Donors

20 April, 09:00-12:30 GMT

Moderator: Nicole Thornton

- 09:00-09:05 Welcome Day 2**
Peter van den Burg
- 09:05:09:20 Introduction of Blood Group Typing topic, highlights of Rare blood provision survey**
Nicole Thornton
Head of Red Cell Reference, The International Blood Group Reference Laboratory
NHS Blood and Transplant, UK
Q&A
- 09:20-09:45 The application of genotyping to find rare donors – an overview of techniques and the Swiss experience**
Stefan Meyer
Head of Department, Molecular Diagnostics and Cytometry (MOC),
Blood Transfusion Service Zurich, Swiss Red Cross
Q&A
- 09:45-10:10 Testing to find rare donors – making the most of techniques old and new**
IBGRL Scientist
Red Cell Reference, IBGRL , NHS Blood and Transplant, UK
Q&A
- 10:10-10:15 Introduction to break-out rooms' topics**
Nicole Thornton
- 10:15-10:45 Coffee break**
- 10:45-11:45 Break-out discussions** addressing requirements for testing used in screening for rare donors, the confirmatory testing needed to verify rare types, and the challenges of obtaining consent for DNA testing from donors.
- 11:45-12:15 Feedback from break-out sessions & conclusions**
Nicole Thornton
- 12:15-12:25 Looking into the future & Closing**
Nicole Thornton & Peter van den Burg
- 12:25-12:30 Closing**
- 12:30-13:30 Lunch**

**Session 3: HLA HPA platelets
20 April, 13:30-17:15 GMT**

Moderator: Thomas Blom

- 13:30-13:35 Welcome Session 3**
Peter van den Burg
- 13:35-13:55 Introduction of HLA HPA platelets topic, highlights of Rare blood provision survey**
Thomas Blom, MD
Sanquin Blood Bank Donor and Transfusion Medicine
Q&A
- 13:55-14:20 Example How matches are made between donor and patients**
Prof. Simon Stanworth, Oxford
Q&A
- 14:20-14:30 Introduction to break-out rooms**
Thomas Blom
- 14:30-15:00 Coffee break**
- 15:00-16:00 Break-out discussions**
Mixed presentation with various examples, practice in different countries.
Presentation + discussion time
- 16:00-16:15 Brief break**
- 16:15-16:45 Feedback from break-out sessions**
Thomas Blom
- 16:45-17:10 Looking into the future: Universal platelets**
Prof. Constanca Figueiredo
Professor of Allogeneic Cell Therapy
Institute of Transfusion Medicine and Transplant Engineering, Hannover Medical
School (MHH), Hanover, Germany
Q&A
- 17:10-17:15 Closing & Conclusions**
- 19:30 Group dinner,
Double Tree Hotel**



**Session 4: National and international support of rare blood
21 April, 09:00-13:00 GMT**

Moderator: Ulrike Paulus

09:00-09:05 Welcome Session 4

Peter van den Burg

09:05-09:25 Introduction of topic, highlights of Rare blood provision survey

Ulrike Paulus

Consultant Haematologist (Tissues and Cell Donation and Transplantation)

NHS Blood and Transplant, UK

Q&A

09:25-09:50 National rare blood programme in France

Thierry Peyrard

Director of the National Reference Department of Immunohematology and Rare Blood

Head of the National Immunohematology Reference Laboratory

Établissement français du sang

Q&A

09:50-10:25 International exchange of rare blood | Interactive session

EDQM cryopreserve database

Richard Forde

European Committee on Blood Transfusion (CD-P-TS)

Biological Standardisation, OMCL Network and HealthCare Department (DBO)

European Directorate for the Quality of Medicines & HealthCare (EDQM)

Council of Europe

International Rare Donor Panel (IRDP)

Nicole Thornton,

Head of Red Cell Reference

International Blood Group Reference Laboratory

NHSBT, UK

Group discussion

Introduction to break-out rooms

Ulrike Paulus

10:30-11:00 Coffee break

11:00-11:50 Break-out discussions on practical aspects of rare blood request management, importation and exportation, and collaboration between organisations

11:50-12:20 Feedback from break-out sessions

12:20-12:30 Looking into the future and conclusions

Ulrike Paulus & Peter van den Burg

12:30 Closing

Peter O'Leary, EBA Executive Director

Goodbye lunch