

SW RTC Meeting

26TH MAY 2021

(VIA MICROSOFT TEAMS)



NBTC Meeting Update

29th March 2021


DR STUART CLELAND

CHAIR, SOUTH WEST REGIONAL TRANSFUSION
COMMITTEE

RTC Chairs meeting

- Education: -
 - Lunchtime educational sessions
 - Non-medical authorization courses
 - Sharing educational meetings on Youtube
 - London HTC:
https://www.youtube.com/playlist?list=P_L8lwhkGegrQ5gXvh6RGI6WwNI9PBv-m-L
- Discussion regarding future meetings – virtual/in-person/hybrid?

RTC Chairs Meeting



PRESENTATION
TITLE: ANAEMIA
CLINIC DURING
COVID 19

Asbjørke Ogund


PLAY ALL

COVID-19

5 videos • 146 views • Last updated on 13 Jan 2021

Recordings from the remote event 'A Pause for Thought' held on the 16th July 2020 in the London RTC.


Please contact london.rtc@nhsbt.nhs.uk for more information.



Patient Blood Management England

SUBSCRIBE

1




11:09

Anaemia clinic during COVID-19 London RTC- July 2020

Patient Blood Management England

2




25:52

Lessons Learned during COVID-19 London RTC - July 2020

Patient Blood Management England

3




27:08

Convalescent Plasma Programme London RTC- July 2020

Patient Blood Management England

4




10:51

Nightingale Hospital COVID-19 London RTC July 2020

Patient Blood Management England

5



32:28

Paediatric Inflammatory Multisystem Syndrome - Temporally associated with SARS-CoV-2 (PIMS-TS)

Patient Blood Management England

RTC Chairs Meeting

National Commissioning Group for Blood and Specialist services

- NCG suspended during pandemic
- 30% reduction in demand meant that fixed costs of NHSBT would not be met → block contract
- No rebate due to extra COVID costs incurred
- Proposal to change costs from price per unit to fixed capacity + variable costs for 21/22
- Likely block contract till Sept 21.
- No proposed changes to service provision of blood.
- NHSBT keen to move back to cost per item 22/23
- Punitive costs for o-ve?

RTC Chairs Meeting

Cell-Salvage

- UK Cell-Salvage survey due to be sent out nationally
 - Need up-to date list of cell-salvage leads in the SW region.
- Many Trusts present data at HTC on usage of Cell-Salvage, demonstration of potential costs savings in blood product use.
- E-Learning module on cell-salvage being developed by UKCSAG at present
- Recently published educational article in BJA Education on Cell Salvage
- Interest in creating National Cell-Salvage database
 - Oli Pietroni has been in discussions regarding the South-West Cell Salvage database.

RTC Chairs Meeting



BJA Education, 21(3): 95–101 (2021)

doi: 10.1016/j.bjae.2020.11.007

Advance Access Publication Date: 22 January 2021

Intraoperative cell salvage

C. Carroll* and F. Young

Salford Royal NHS Foundation Trust, Salford, UK

*Corresponding author: craig.carroll@srtf.nhs.uk

Keywords: intraoperative cell salvage; patient blood management; transfusion

Learning objectives

By reading this article you should be able to:

- Discuss why it may be beneficial to avoid allogeneic (donor) transfusion.
- List the benefits that intraoperative cell salvage (ICS) can provide.
- Identify when ICS usage is both appropriate and safe.
- Explain the complications of ICS.
- Describe areas of controversy relating to the use of ICS.

Key points

- Intraoperative cell salvage may be preferable to donor transfusion in the operative setting.
- Consider ICS in cases where estimated blood loss may exceed 500 ml.
- ICS delivers a product containing red cells suspended in saline. Platelets and coagulation factors are removed.
- Neither sepsis nor malignancy are absolute contraindications to ICS.
- Controversies exist regarding the use of ICS in obstetrics and for patients with haemoglobinopathies.

NBTC meeting

Transfusion 2024

- Podcast Available on JPAC and RCP website
- <https://www.transfusionguidelines.org/uk-transfusion-committees/national-blood-transfusion-committee/transfusion-2024>
- <https://www.nihr.ac.uk/funding/blood-and-transplant-research-units-2021/27104>
- Professor Michael Murphy will present later in meeting on content and aims of Transfusion 2024

NBTC meeting

Convalescent Plasma Trial

- No benefit seen in recent trials on the use of CP in COVID-19:

REMAP-CAP

Convalescent Plasma For COVID-19

January 16, 2021

The Data Safety and Monitoring Board of REMAP-CAP have informed the International Trial Steering Committee that the convalescent plasma intervention has reached a pre-specified statistical threshold for futility among patients who are critically ill with COVID-19.

Recovery

Convalescent plasma in patients admitted to hospital with COVID-19 (RECOVERY): a randomised controlled, open-label, platform trial

RECOVERY Collaborative Group*



Interpretation In patients hospitalised with COVID-19, high-titre convalescent plasma did not improve survival or other prespecified clinical outcomes.

NBTC Meeting

Convalescent Plasma Trail

- Suggestion of benefit in immunocompromised patients in trial from Brazil → No current funding for similar trial in UK
- Unclear what to do with stocks of CP, possibly to be used in FFP or fractionated products

NBTC meeting - O-ve WG.

- Demand for O-ve around 14% total red cell use vs. 13% pre-COVID.
- Demand for intelligence on-going requirement from HTC's
 - Contact with Devon STP to provide information on planned restoration of services
- Collection has so far matched demand. Blood stocks currently good
- Demand for O-ve and Kell neg has increased compared with pre-pandemic
- Haem patients 70% of platelet use.
- Working group undertaking projects on : -
 - O-ve use in pre-hospital care – survey completed, recommendations to follow
 - Adoption of guidelines advocating use of O+ve in bleeding males.

NBTC meeting – Patient Information WG

- SaBTO guidelines Dec 20 on patient consent for blood transfusion,

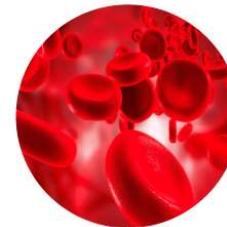
Recommendation: the UK Blood Services provide a standardised source of information for patients who may receive a blood transfusion in the UK.

- UK BTN group proposing single leaflet to encompass all blood components and include all patients.
- Would not include anti-D, PIL has been withdrawn, discussions with pharma regarding replacement.
- Request for National Comparative Audit on Consent for transfusion planned for 2023

NBTC meeting – Patient Information WG

- New PIL to replace: -
 - Will I need a platelet transfusion?
 - FPP & cryoprecipitate; information for patients
 - Will my baby need a blood transfusion?
 - Will your child need a blood transfusion?
 - Patient Blood Management leaflet

Page 1 of 6



Information for patients and their families, carers and guardians

Receiving a Blood Transfusion

Important information for all patients, who may need a red cell, platelet, or plasma transfusion.

NBTC meeting – Patient Blood Management WG

- NICE quality standards:
 1. Pre-op Iron Deficiency treatment
 2. TXA in moderate blood loss + surgery
 3. Re-assessment of patients after each unit
 4. Provision of information for patients having transfusion
- National Audit on Standards planned for September – results to go to NHSi Model Hospital, leverage for CQC on quality of transfusion.

NBTC meeting - PBMWG

1. Anaemia

- Some work held by COVID-19, ongoing projects : -
 - Explore engagement with primary care services to influence anaemia management
 - Anaemia e-learning module launched <https://hospital.blood.co.uk/training/clinical-courses/>

eLearning

Anaemia

Created by the Patient blood management team, this free online learning consists of 3 modules and is offered certified and non-certified.

The certified route is via [eLfh](#) or [ESR](#), and if you don't require a certificate:

- [Anaemia - the only introduction you need](#)
- [Anaemia in primary care patients](#)
- [Anaemia in hospital patients](#)

Maternal anaemia

A 2 part package providing a simple and straightforward introduction to maternal anaemia and appropriate management.

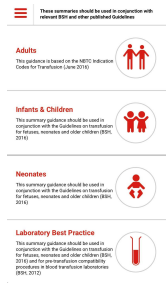
Part 1 covers definition of anaemia in pregnancy and the impact of anaemia on mother and baby. Part 2 covers diagnosis of maternal anaemia and treatment regimes.

The certified route is via [eLfh](#) or [ESR](#), or uncertified, [part 1](#) and [part 2](#).

- Successful bid for anaemia in primary care e-module – launch Spring 2022.

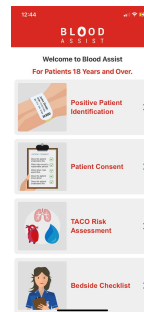
NBTC Meeting – PBMWG

2. Apps



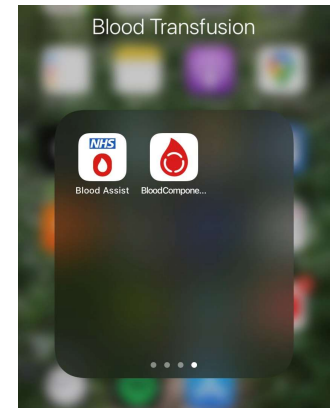
NBTC Indications Codes

- Provide easy access to NBTC indication codes for clinical staff
- New version in development



NHSBT Blood assist app

- Launched Feb 21
- Very well received
- 2.7K users in first 28 days
- Request received for a “Blood Assist for Kids”.



Blood Choices

- Aims to support decision making in prescribing red cells in stable patients
- Includes anaemia management and consent
- In testing phase

NBTC meeting – PBMWG

3.Non-medical authorization

- F2F meeting converted to virtual – 6 digital course now completed.
- Courses over 4 days, 2.5 hours each day.
- Going forward blended learning approach
 - New digital platform – Brightspace
 - RCN accreditation applied for
 - Plan for return to F2F in Sept 21

NBTC meeting – Emergency Planning

1. Projects: -

- Summary of lessons learnt from response to COVID-19
- Major Incident Transfusion Coordinator Role Action Card
- Focus on key themes from component development survey.
- Need to review and share paediatric major haemorrhage protocols
- Expansion of haematology and trauma group model – WG covering North and South-West.
- Liaising with the US and Australia on their approach to recent major incidents.

NBTC meeting – Emergency Planning

2. Publications.

A. Journals - Open access

- Effects of the COVID-19 pandemic on supply and use of blood for transfusion – Lancet 2020. [https://doi.org/10.1016/S2352-3026\(20\)30186-1](https://doi.org/10.1016/S2352-3026(20)30186-1)
- London 2017: Lessons learned in transfusion emergency planning – Transfusion Medicine 2021. DOI: 10.1111/tme.12759

B. JPAC website

- Transfusion aide memoire
- Major Incident Transfusion Coordinator Role Action Card

C. SHOT



SHOT Safety Notice 01: Emergency preparedness in the transfusion laboratory in case of total power outage

NBTC – Education Group

- Intermediate transfusion medicine course will remain on-line for present
- Scientific courses will restart in Lab from 2021
- NIHR education grant in transfusion – deadline tomorrow!

NIHR | National Institute
for Health Research

Health and Care
Professionals

Researchers

Patients, Carers
and the Public

Partners and
Industry

🔍 Search...

NIHR launches £20 million funding competition for blood and transplant research

📅 Published: 04/03/2021 🕒 Read Time: 3 minutes 🖨️ [Print](#)



NBTC meeting – final messages

Transfusion practitioner conference 2021 due for June

SHOT: -

- SHOT 2020 will be released virtually 14/15th July
- New category in SHOT for reporting learning from excellence.
- SCRIPT survey as part of SHOT UK Collaborative Reviewing and Reforming IT Processes in Transfusion. Aim to improve existing systems.

Role of Medical Director For Transfusion soon to be in place

Encouragement to fill in NHSBT customer services survey.