**NBTC Education Working Group**  
**Teams meeting – 29 June 2020**  
**(11am – 12.30pm)**  

**Minutes and action points**

**Present:**  
Lise Estcourt (LE) - Chair, Paula Bolton-Maggs (PB-M), Cath Booth (CB), Fatts Chowdhury (FC), Anne Davidson (AD), Ruth Evans (RE), Dora Foukaneli (DF), Jane Graham (JG), Shruthi Narayan (SN), Helen Witham (HW), Sue Katic (SK - Minutes)

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<tr>
<td><strong>1 Welcome and apologies</strong></td>
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<td>Apologies: Peter Baker (PB), Jo McCullagh (JM), Suzy Morton (SM)</td>
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<td><strong>2 Minutes and Matters Arising</strong></td>
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<td>Minutes from the 9 March 2020 meeting were accepted as a true record</td>
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| **Matters arising:**  
DF confirmed that the new curriculum for haematology has been approved and accepted with contribution from this Group and SHOT. DF will circulate the final draft which is available online at: [https://www.jrcptb.org.uk/specialties/haematology](https://www.jrcptb.org.uk/specialties/haematology) |
| **Actions carried over:**  
- SN to draft a joint letter from SHOT, NBTC, RCPath Transfusion SAC, possibly devolved nations about the lack of transfusion within the MLA. **SN will do this in the next couple of weeks, as had been tied up with the annual SHOT report.** |
| **3 Medical Education** |
| SN, JG and SM ran the Foundation Doctors Transfusion Education course early 2020. To be reassessed but on hold due to COVID. LE asked whether it was viable to run virtually going forward. There was less engagement on the second course due to lack of study leave. Only 25/29 people which was one third less that the first course. It was suggested recording 10 to 15 minute sessions and roll out nationally with Q/A sessions locally, maybe somehow using WhatsApp. Try to link this course with something mandatory, maybe with HEE. |
| Andy Charlton and Andrea Marshall are compiling an anaemia management tool (with HEE funding), do not want duplication of effort. AD has asked them to highlight what content will be in their anaemia management tool, can then put in a bid for HEE funding for next year 21/22. |
| General discussion on training:  
- It was pointed out that there is a lack of a central UK education platform to put these courses. NHSBT should be providing a hub which should finally be ready in January 2021.  
- Any work done for BBTS by members of the group, still have intellectual rights so could share with NHSBT.  
- There is a lot of mandatory training for FY1s and it would be good to get more transfusion onto that list.  
- In the past 5/6 years there has been a basic checklist but no one body owns this. NHSBT can advise but could there be a body to make it mandatory?  
- Mandatory training is role specific and does not make sure people would be proficient in transfusion.  
- COVID has made people look at on-line training more, using Teams and Zoom.  
- FC had had interesting conversations with transfusion leads in Trusts, not keeping up to date. They could do with regular updates. |
There had been discussions in the NBTC Emergency Planning Group meeting. They asked whether there could be an aide memoire to give transfusion background, there are huge gaps in transfusion information and Nightingale transfusion training.

**Action:** FC to submit HEE bid for anaesthetist training

**Action:** AD to submit HEE bid for updated anaemia training

### 4 Training Haem SpRs / NHSBT Training courses

Due to COVID now looking at ways to run the courses on-line.
- RCPath Revision course in September - there will be four back to back one-week courses by Zoom. May do more teaching now as on-line. The Revision course could be more standardised if on-line, across the whole of England.
- Will also use digital teaching for the Essential Transfusion Medicine Course.
- ABOs for scientists bring forward for Autumn 2020.
- Intermediate Transfusion Medicine Course will be delivered virtually in October via Zoom. There will be 20 people on the course. Developing a package for microbiology and SHOT with money from HEE this year.

**General suggestions for the future:**
- In future courses could have some F2F teaching but some on-line.
- PITS course could be transferred across, content ready for digital format ready by next week.
- Courses could be more interactive with trainees, two weeks before course ask them to look at the agenda, ask if any specific requirements, they would become more engaged and more prepared. RE will email all attendees two weeks before the course.
- Capture questions that come up that can’t be answered at the time.
- Trainers’ presentations could be sent to the students beforehand, then use the hour as a Q/A session.
- It would be useful to run a session to give tips to consultants on how to do teaching on a Zoom meeting. RE will set this up.
- DF asked whether there could be a bid for HEE funding for a train the trainers course
- LE asked the group to think about blended learning courses, e.g. haemoglobinopathy.

**Transfusion Training Checklist**
- DF had discussed with Sally Proctor, will re-visit the checklist in relation to the curriculum and change for the courses. Once draft is developed will bring back to this Group to make sure agreed. This should help with variability in knowledge. Also include a pre-course assessment to be sent out approx. one month prior to a course. It was asked whether there would be signatures from Lab Managers to show that the work had been done as it was felt that people would take more seriously if they need to get it signed off. As part of study leave approval they could get the checklist signed off but DF feels this could be challenging.
- DF is also creating a checklist for trainers as there are lots of different challenges for transfusion training.

**Action:** DF to draft updated checklist with Sally Proctor. Draft to be circulated to group for comment

### 5 Education Team update (AD)

**NMA course:**
Due to COVID-19 all F2F courses have been cancelled until 2021. Exploring (with the support of the OWD digital team) how to deliver these virtually. In the longer term planning to submit a HEE bid for digital development to support a blended learning delivery of the course. There is competition for these courses so do not want to put out sessions for others to copy.

**Transfusion Practitioners:**
Andy Miller at King’s Health produced a comprehensive competency package for TPs. This is being considered for adoption by the NBTC TP group. Due to COVID-19 the planned TP course pilot has been delayed until further notice.
It was asked whether any advice has been issued re TP competencies in the new environment. Will these have to remain F2F. TPs have developed their own e-learning packages, looking to produce videos although competency assessments will still be F2F. Ongoing discussions.

**Action: AD will find out about this and update**

General discussion on transfusion training:
- In Cardiff medical students do practical transfusion training with a model having a transfusion reaction, students have to say how they would treat.
- HW said, in her experience, it is only nurses administering transfusion and doing the checks. It was nurses telling doctors what to do when HW had a reaction.
- A convalescent plasma guide has been created, with what to do in the case of a transfusion reaction on the back.
- It was agreed that a change in culture is important. Transfusion is not considered part of mainstream patient care.
- LE said that we need to prioritise the need for what education is needed and to ensure we can develop. The anaesthetist transfusion training that is to be developed online, with an HEE bid, could also be adapted for other specialities.
- MHRA could be put in blended learning.
- As part of the ITM course – how to cope in an emergency of an IT failure.
- ISBT has created a generic business case for TPs, could use or adapt things created by other people.
- As part of the Revision Course, SHOT and Human Factors Group, 1-2 hour case based studies, investigating incidents and learning from them.

6 Educational Resources and Apps

**Blood components:**
Final day for feedback on the new indications codes is 29 June, if no changes are required then they will be considered ratified and come into effect. These will necessitate an update to the Blood Components app; also, the app is also no-longer compliant with NHS branding etc., so this aspect will need updating too. Awaiting a quote, from the developer, for the necessary work.

**Blood Assist:**
The pilots were delayed, at the request of the hospitals, due to COVID-19, but they have both indicated they expect to be ready to proceed in the next few weeks. The mobile app is in final testing and ready for the pilots, the web version is on a slightly later timeline. Maybe limitations for staff with all PPE on.

**Other resources**
- Admin quick guide: circulated for feedback
- PBM toolkit: discussed at NBTC PBM meeting and circulated for feedback
- Maternal anaemia e-learning: published
- Anaemia foundations e-learning: development process has commenced

**PILS**
- Convalescent plasma PIL: available, but minor amendment pending
- UKBTN working group: in line with SaBTO proposed recommendation, this group has been formed to produce UK wide patient information.

7 Technical training and Higher Specialist Scientific Training (HSST)

Not discussed at this telcon.

9 Training Camps

Transfusion Training Camps are reaching out to non-transfusion specialists to teach them about transfusion. Still thinking of whether possible to incorporate into training in the UK. The challenge will be how to present and how people will access. There will be two platforms - HEE E-learning for Health and NHSBT platform from January 2021.
For the Anaesthetists Education, as part of the HEE funding ask for it to be on HEE E-learning platform. HEE will ensure created and hosted.
NHSBT platform will be able to charge.  E-learning for health is free.

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<td><strong>Action:</strong> SN to draft a joint letter from SHOT, NBTC, RCPath Transfusion SAC, Possibly devolved nations about the lack of transfusion within the MLA - ongoing</td>
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| NBTC, JPAC and SHOT now have Zoom licences.  
**Action:** SK to liaise with Celina Bernstrom regarding using the NBTC Zoom licence for our next meeting. | SK |
| Tuesday, 7 July.  SHOT will be running a virtual Symposium via a Zoom webinar to launch the annual report. |
| The Advances in Transfusion Medicine Symposium will now be run as a one-day virtual course on 26 November.  Evidence based transfusion.  There will be two 10 minute talks from either TPs, lab scientist trainees who will submit posters. |
| SN will send the Group details for live illustration for meetings/conferences- they are a great way of capturing the messages and highlights.  This had been done at the last SHOT symposium and they have been working with her for some illustrations for the report as well. |

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<td>SK to circulate a doodle poll for early September 2020 but prior to that liaison from all regarding submission of bids to HEE in August.</td>
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