

National Safety and Quality Health Service Standards, 2nd Edition.

The new Standards for accreditation of health services are now available on the Australian Commission on Safety and Quality in Healthcare website <<https://www.safetyandquality.gov.au/our-work/assessment-to-the-nsqhs-standards/nsqhs-standards-second-edition/>> The second edition addresses gaps identified in the first edition, including mental health and cognitive impairment, health literacy, end-of-life care, and Aboriginal and Torres Strait Islander health.

It also updates the evidence for actions, consolidates and streamlines standards and actions to make them clearer and easier to implement.

Blood is now the Blood Management Standard with the intention to identify risks, and put in place strategies, to ensure that a patient's own blood is optimised and conserved, and that any blood and blood products the patient receives are appropriate and safe.

PBM Collaborative Resources

The National PBM Collaborative, that looked at ways of implementing pre-operative anaemia assessment and management strategies in health services, has put together a group of resources that anyone can use. These can be found at <<https://www.safetyandquality.gov.au/national-priorities/pbm-collaborative/national-patient-blood-management-collaborative-resources/>>

Age of Blood

In the last few years there have been a number of trials assessing if there is a difference in outcomes for patients receiving older or fresher blood products. This includes ABLE, TRANSFUSE and INFORM studies. At the end of 2017 reports from these studies have

become available.

Red blood cell storage and in-hospital mortality: a secondary analysis of the INFORM randomised controlled trial. Lancet, 2017 Nov;4(11):e544-e552. doi: 10.1016/S2352-3026(17)30169-2. Epub 2017 Oct 8. The data provides evidence that transfusion of blood stored for longer than 35 days has no effect on in-hospital mortality, which suggests that current approaches to blood storage and inventory management are reasonable.

Age of Red Cells for Transfusion and Outcomes in Critically Ill Adults N Engl J Med 2017; 377:1858-1867 [November 9, 2017](#) DOI: 10.1056/NEJMoa1707572

Conclusion: The age of transfused red cells did not affect 90-day mortality among critically ill adults.

Age of Transfused Blood in Critically Ill Adults N Engl J Med 2015; 372:1410-1418

The ABLE study did not show any benefit attributable to the transfusion of fresh red cells in critically ill patients. Not only were the primary outcomes similar in the two study groups, but the results were consistent in all per-protocol and subgroup analyses.

Transfusion Education Calendar 2018 is now available <<http://resources.transfusion.com.au/cdm/singleitem/collection/p16691coll1/id/973/rec/1>> Check out what is happening in your area or join the webinars.

What's happening around Australia and New Zealand?

Queensland:

Susan Kay has been accepted to do a poster presentation at the International Quality and Safety in Healthcare forum in Melbourne in September around their project on Antenatal anaemia management.

Bronwyn Pearce, CNC TPCB PBM presented in Bangkok on 8/2/18 at the Asia Pacific Symposium on Bleeding Management- Challenges to Implementing PBM & Implementation of Bleeding Management.

The second annual peri-operative Blood Management symposium was held at RBWH on 24th Feb 2018.

An Iron Symposium will be held in Toowoomba in July 2018 as the culmination to the Obstetric Blood management CPI Project.

Transfusion Nurse Face to Face will be held at the Gold Coast in August this year.

Gold Coast University Hospital is gearing up for the Commonwealth games later this year.

Western Australia:

Projects that comply with National standards: Focusing on transfusion associated circulatory overload awareness (TACO) in 2018. Last half of haemovigilance data showed 3 cases of TACO at SCGH. Interdisciplinary education, transfusion newsletter and looking at the UK TACO assessment tool for possible use as a resource.

Transfusion education study days/ innovative education strategies : Next transfusion savvy study day on 21st March .Covers all aspects of transfusion practice and PBM including case studies and clinical skills training in the afternoon .

Victoria:

Audit on O negative usage has been sent out to health services to provide information on where units have been used over one month (November 2017), data is due to be returned by the end of February.

The Specialist Certificate in Patient Blood Management Foundations will commence 12/3/18, there are 17 applications so far.

ISBT Toronto: three abstracts are being prepared. Two Blood Matters team members will be attending.

Australian Midwifery Conference: abstract on RhD Ig reports to STIR has been submitted.

After the successful TACO swing tag campaign we have made the posters and tags

available for use on the Blood Matters website.

Blood Matters Project Nurse is busy making contacts at health services and assessing the needs to develop tools for health services to promote SCIG use.

South Australia:

Private hospital in SA, as part of an ongoing focus on improving management of massive transfusions (MT) is producing, with the assistance of BloodSafe eLearning Australia and the BloodSafe Transfusion Nurse in Private, a 6 minute simulation film which will focus on ideal communication, cold chain blood management and patient safety. The film will be used for ongoing education of staff as MTs in the hospital can be sporadic; the aim is to make staff familiar with requirements of a MT by using the simulation film. The clinical scenario is tailored to the private setting where the transfusion laboratory is off site.

Tasmania:

At RHH:Blood sampling audit for iatrogenic Blood loss completed, to be tabled at RHH HTC in March. Commenced IDA audit.

AT LGH: Implementation Massive Transfusion Box (PRBC's & FFP) and x7 Primary Health Sites (PRBC's). Accreditation occurs early May '18.

Protocol for Air transport of emergency blood products currently being written.

ACT:

Monitoring Patient Care audits linked to ARCBS audit tool. Compliance good.

IVIg infusion rates project underway (single rate for all products).

ROTEM ordered for Canberra Hospital – critical bleeding massive transfusion procedure will be updated to reflect new practice.

ACT Health Accreditation in March – Mock survey undertaken.

New Zealand:

The national MTP audit data is being collated and final data is being entered for the Prothrombinex audit. Further national audits have been discussed and awaiting written

proposals. This may include a further bedside transfusion audit

Most of the TNS group have several hospital blood policy documents for review, and are awaiting the release of the ANZSBT Transfusion Guidelines in order to complete these.

The TNS group were involved in facilitating a successful NZ-wide (Major hospitals) implementation of Extended Life Plasma (120hrs). This involved changes to documentation, unit labels, education to staff etc.

Australian Red Cross Blood Service:

Pack check resource is being updated in line with the ISBT128 label implementation. We have written additional cases following the feedback provided in our survey last year. We expect Pack check should be available in early March in electronic form.

The Big Blood Book (formally Flippin' Blood) is being formatted though we are still waiting for the release of the updated Administration Guidelines from ANZSBT.

BloodSafe e-learning:

Funding will continue for the program to run for a further 3-5 years. The courses developed will continue to be freely available to all.

Paediatric and neonatal courses have been made available. These courses can be accessed (after login) within the Neonates and Paediatrics course button, with the PBM for Neonates and

Paediatrics course a pre-requisite before the other case-based courses can be accessed.

<https://bloodsafelearning.org.au/course/neonates-and-paediatrics/>

BloodSafe elearning celebrated its 10th anniversary in December 2017 and expect to see 1 million courses completed in the next couple of months.



ANZSBT Education Standing Committee:

The ANZSBT Education Standing Committee (ESC) is looking for early career nurses to join their committee.

We are seeking nurses who are early into their nursing career (less than 5 years) who have shown an interest in the area of Blood Transfusion, or works in an area where Blood Products are regularly administered. The ESC would like to encourage these nurses to join ANZSBT (www.anzsbt.org.au/join-us.php) and help

make a difference.

Benefits of being an ANZSBT member include:

- Network of fellow members (ie Medical, Nursing and Scientist) and others working in the areas of Blood Transfusion and Transfusion Medicine
- Access to Awards and Grants
- Members Only area on www.anzsbt.org.au - this members area includes
- Free Full Text access to numerous transfusion-related online journals
- Access to Members list- locate and contact other ANZSBT members
- Discount fee to Annual Scientific Meeting registration
- ISBT Affiliate membership- The International Society of Blood Transfusion has provided ANZSBT members with affiliate access to their educational platform.

The most important benefit for being a member of ANZSBT, is that by being a member, you can take an active role in the development of transfusion Science and Medicine in Australia and New Zealand.

The ESC would provide mentorship and guidance to the successful nurse, and the nurse would participate in matters discussed at the Committee meetings.

If you know of a passionate, keen and suitable nurse in your workplace, or would like some more information please contact anzsbt@gmail.com

PTO.

Key events:

ISBT: 35th International Congress, Toronto Canada, 2-5 June 2018

IHN: (International Haemovigilance Network), Manchester England, 10-11 July 2018 followed by the SHOT annual symposium 12 July 2018

Blood CRE Symposium: AMREP Lecture Theatre, Alfred Hospital, Melbourne, Monday 23 April

HAA: Next year HAA will be renamed Blood 2018 and will be held at the Brisbane Convention & Exhibition Centre, 21–24 October –call for abstracts open 10 April and close 28 June –get ready now!

Do you have an interesting case study?

If so please write up a synopsis of what happened to share with other Transfusion Practitioners in the newsletter.

Send case studies to Chris Akers email: cakers@redcrossblood.org.au



Your Transfusion Professional Representatives

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Victoria	Chris Akers & Adrienne Wynne
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