

# NSQHS Standard 7 Blood and Blood Products

## Ward/Unit audit tool



Hospital and Health Service:	Facility:	Audit Date/Period:
Ward/Unit:		

**Ward/Unit audit tool:** collects ward/unit level data and collates the patient level responses

- Notes:
- Each facility needs to determine those audit questions that are applicable to their facility / health service circumstances for review
  - Some questions and responses may not be applicable (eg. at a ward/unit level) and can be adapted to suit individual requirements
  - The measurement plan details each audit question and the action/criteria it aligns to in the standard

Ward/Unit Questions		Response
1.0	Is there evidence that the ward/unit undertakes quality improvement activities to reduce the risk of patient harm from transfusion practices and the clinical use of blood and blood products?	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.1	If yes: Provide examples of the quality improvement activities implemented.	

Collation of audited patients (This section is only needed to be used if the data was collected at the patient level. Enables ward/unit reporting.)		Count of No. of patients who meet criteria	Count of Total No. of patients who are included in the denominator and audited	Calculate the %
	(as per measurement plan)	Numerator (N)	Denominator (D)	(N/D*100)
<b>Collation of patients who received a blood or blood product transfusion in the current admission</b>				
2.0	What is the number of patients who received a blood or blood product transfusion in the current admission who had a Crossmatch Report? (BBP_Patient_Q1.0 & Q1.2)			
2.1	Provide a breakdown of the documented indications for the transfusion. (BBP_Patient_Q1.1)			

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	(as per measurement plan)	Numerator (N)	Denominator (D)	(N/D*100)
2.2	What is the number of patients who had a Crossmatch Report where the information was complete in ALL the areas being reviewed? (BBP_Patient_Q1.3)			
2.3	Provide a summary of the areas that were not complete. (BBP_Patient_Q1.3)			
3.0	What is the number of patients who received a blood or blood product transfusion in the current admission who had a previous adverse reaction to a blood product transfusion that has been documented in the patient's notes? (BBP_Patient_Q1.0. Q2.0 & Q2.1)			
4.0	What is the number of patients who received a blood or blood product transfusion in the current admission who received a patient information sheet/s on blood transfusions or blood components? (BBP_Patient_Q1.0 & Q3.0)			
4.1	Provide a summary of the information sheets patients received. (BBP_Patient_Q3.1)			
4.2	What is the number of patients who felt the information provided was clear and understandable? (BBP_Patient_Q3.2)			
4.3	<p>What is the number of patients who received any of the following four information sheets ie:</p> <ul style="list-style-type: none"> <li>• Blood and blood products transfusion consent</li> <li>• Blood who needs it? A consumer brochure</li> <li>• Blood transfusion - questions to ask your doctor</li> <li>• Blood components: a guide for patients</li> </ul> <p>who had a Blood and Blood Products Transfusion Consent, where they were ALL confirmed on the Consent? (BBP_Patient_Q4.2)</p>			
<b>Collation of patients who had a blood and blood products transfusion consent</b>				
5.0	What is the number of patients who received a blood or blood product transfusion in the current admission who had a Blood and Blood Products Transfusion Consent? (BBP_Patient_Q1.0 & Q4.0)			

<b>Collation of audited patients (This section is only needed to be used if the data was collected at the patient level. Enables ward/unit reporting.)</b>		Count of No. of patients who meet criteria	Count of Total No. of patients who are included in the denominator and audited	Calculate the %
	(as per measurement plan)	Numerator (N)	Denominator (D)	(N/D*100)
5.1	What is the number of patients who had a Blood and Blood Products Transfusion Consent where the information was complete in ALL the areas being reviewed? (BBP_Patient_Q4.1)			
5.2	Provide a summary of the areas that were not complete. (BBP_Patient_Q4.1)			
5.3	What is the number of patients who had an AHD which had been sighted? (BBP_Patient_Q5.0)			
5.4	What is the number of patients who had the ALERT flag displayed in the HBCIS record? (BBP_Patient_Q5.0)			
<b>Collation of patients who have a blood prescription order</b>				
6.0	What is the number of patients who have evidence of a blood prescription order? (BBP_Patient_Q6.0)			
6.1	What is the number of patients who had a blood prescription order where the information was complete in ALL the areas being reviewed? (BBP_Patient_Q6.1)			
6.2	Provide a summary of the areas that were not complete. (BBP_Patient_Q6.1)			
<b>Collation of patients who have undergone a transfusion</b>				
7.0	What is the number of patients who have Full name, DOB and MRN confirmed against the transfusion department report and patient's arm band? (BBP_Patient_Q7.0)			
8.0	What is the number of patients who have the product type checked against the fluid order, transfusion department report and compatibility label? (BBP_Patient_Q8.0)			
9.0	What is the number of patients who have a product bag that is intact, no signs of deterioration, contamination, clots or discolouration? (BBP_Patient_Q9.0)			
10.0	What is the number of patients who have confirmation that the blood product will not expire before transfusion is complete? (BBP_Patient_Q10.0)			
11.0	What is the number of patients who have transfusion start time, transfusion stop time, volume infused and non-urgent blood documented? (BBP_Patient_Q11.0)			

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12.0	What is the number of patients who have baseline observations completed prior to transfusion? (i.e. within 60 mins of commencement of transfusion) (BBP_Patient_Q12.0)			
12..1	What is the number of patients who had ALL vitals complete? (BBP_Patient_Q12.1)			
12.2	Provide a summary of the areas that were not complete. (BBP_Patient_Q12.1)			
13.0	What is the number of patients who have commencement observations completed? (i.e. within 15 mins of commencement of transfusion) (BBP_Patient_Q13.0)			
13..1	What is the number of patients who had ALL vitals complete? (BBP_Patient_Q13.1)			
13.2	Provide a summary of the areas that were not complete. (BBP_Patient_Q13.1)			
14.0	What is the number of patients who have hourly observations during transfusion completed? (BBP_Patient_Q14.0)			
14..1	What is the number of patients who had ALL vitals complete? (BBP_Patient_Q14.1)			
14.2	Provide a summary of the areas that were not complete. (BBP_Patient_Q14.1)			
15.0	What is the number of patients who have observations completed post transfusion? (i.e. within 2hrs of completion of transfusion) (BBP_Patient_Q15.0)			
15..1	What is the number of patients who had ALL vitals complete? (BBP_Patient_Q15.1)			

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15.2	Provide a summary of the areas that were not complete. (BBP_Patient_Q15.1)			
16.0	What is the number of patients were blood was infused within four (4) hours? (BBP_Patient_Q16.0)			
16.1	For those patients were blood was NOT infused within four (4) hours provide a summary of why not. (BBP_Patient_Q16.0 & Q16.1)			
17.0	What is the number of patients who have an adverse reaction to the blood transfusion? (BBP_Patient_Q17.0)			
17.1	For those patients who had an adverse reaction to the blood transfusion, what is the number of patients where the medical officer was notified? (BBP_Patient_Q17.1)			
17.2	For those patients who had an adverse reaction to the blood transfusion, what is the number of patients where the adverse reaction was recorded in the facility incident management system? (BBP_Patient_Q17.2)			
18.0	What is the number of patients who have the transfusion outcome in the chart? (BBP_Patient_Q18.0)			
<b><i>Collation of patients who have undergone a surgical procedure in the current admission</i></b>				
19.0	What is the number of patients who have undergone a surgical procedure in the current admission who had an informed consent form for the surgical procedure? (BBP_Patient_Q19.0 & Q19.1)			
19.1	What is the number of patients who had an informed consent form for the surgical procedure where the information was complete in ALL the areas being reviewed? (BBP_Patient_Q19.2 & Q19.3)			
19.2	Provide a summary of the areas that were not complete. (BBP_Patient_Q19.2 & Q19.3)			
19.3	What is the number of patients who had an AHD which had been sighted? (BBP_Patient_Q5.0)			
19.4	What is the number of patients who had the ALERT flag displayed in the HBCIS record? (BBP_Patient_Q5.0)			

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19.5	What is the number of patients who received a blood or blood product transfusion in the current admission who had a Blood and Blood Products Transfusion Consent? (BBP_Patient_Q4.0)			
19.6	What is the number of patients who had a Blood and Blood Products Transfusion Consent where the information was complete in ALL the areas being reviewed? (BBP_Patient_Q4.1)			
19.7	Provide a summary of the areas that were not complete. (BBP_Patient_Q4.1)			
<b>Collation of patients who declined a blood or blood product transfusion in the current admission</b>				
20.0	What is the number of patients who <b>declined</b> a blood or blood product transfusion in the current admission who had a refusal form AND/OR an AHD? (BBP_Patient_Q20.0 & Q20.1)			
20.1	What is the number of patients who had a refusal form where the information was complete in ALL the areas being reviewed? (BBP_Patient_Q20.2)			
20.2	Provide a summary of the areas that were not complete. (BBP_Patient_Q20.2)			
20.3	What is the number of patients who had an AHD which had been sighted? (BBP_Patient_Q5.0)			
20.4	What is the number of patients who had the ALERT flag displayed in the HBCIS record? (BBP_Patient_Q5.0)			
<b>Collation of patients who declined specified blood or blood product transfusion in the current admission</b>				
21.0	What is the number of patients who <b>declined specified</b> blood or blood products to be transfused in the current admission who had a Blood and Blood Products Transfusion Consent? (BBP_Patient_Q21.0 & Q4.0)			
21.1	What is the number of patients who had a Blood and Blood Products Transfusion Consent where the information was complete in ALL the areas being reviewed? (BBP_Patient_Q4.1)			

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	(as per measurement plan)	Numerator (N)	Denominator (D)	(N/D*100)
21.2	What is the number of patients who had an AHD which had been sighted? (BBP_Patient_Q5.0)			
21.3	What is the number of patients who had the ALERT flag displayed in the HBCIS record? (BBP_Patient_Q5.0)			
21.4	What is the number of patients who had a refusal form where the information was complete in ALL the areas being reviewed? (BBP_Patient_Q21.1 & Q21.2)			
21.5	Provide a summary of the areas that were not complete in both the consent and refusal forms. (BBP_Patient_Q4.1 & Q21.2)			

We recognise and appreciate that there may be gaps in the scope and questions included in these tools, however, as this is a **'Work in Progress'**, future versions will build upon the existing scope and questions, and incorporate staff feedback and suggestions for improvement.

**The Patient Safety and Quality Improvement Service, Clinical Excellence Division, welcomes feedback on the audit tools and the measurement plans, to ensure the tools meet the needs of Hospital and Health Services. We appreciate any feedback you can provide for the next version.**

**Please email Patient Safety and Quality Improvement Service on [PSQIS\\_Comms@health.qld.gov.au](mailto:PSQIS_Comms@health.qld.gov.au) for feedback or comments.**

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