

# Patients who refuse blood and blood products



## Currently available Blood products and relevant Procedures

### Patient Leaflet

Available blood and blood products (commonly used)	Brief description and Indication for use	Notes
<b>Primary components</b>		
1. Packed Red blood cells	Obtained from single donor, required to carry oxygen around the body and remove waste products.	
2. Fresh Frozen Plasma	Commonly called "Plasma" Fluid that carries the cells through the body Contains antibodies, clotting proteins, albumin.	
3. Platelets	Obtained from single or pool of donors. Used for prevention or control bleeding.	
<b>Derived components</b>		
4. Cryoprecipitate	<ul style="list-style-type: none"> <li>Contains number of important clotting factors (proteins), used to control bleeding</li> <li>Derived from plasma (only cold-insoluble proteins or precipitates).</li> </ul>	
5. Albumin	<ul style="list-style-type: none"> <li>Contains albumin (protein, derived from plasma)</li> <li>Used to treat shock, low albumin levels.</li> </ul>	
6. Prothrombin complex concentrate	<ul style="list-style-type: none"> <li>Purified human coagulation factors – used to control bleeding</li> <li>Derived from plasma, supplied as a freeze-dried powder.</li> </ul>	
7. Recombinant Factor Seven VIIa (Novoseven)	<ul style="list-style-type: none"> <li>Made by genetic engineering</li> <li>Used to control bleeding</li> <li>May contain traces of plasma.</li> </ul>	
8. Human anti-inhibitor coagulant complex (FEIBA)	<ul style="list-style-type: none"> <li>Used in patients with haemophilia A and B with inhibitors, to control and/ prevent bleeding</li> <li>Purified activated human coagulation factors, derived from plasma</li> <li>Supplied as a freeze-dried powder.</li> </ul>	
9. Fibrinogen concentrate (RiaSTAP)	<ul style="list-style-type: none"> <li>Freeze-dried fibrinogen concentrate</li> <li>Derived from plasma</li> <li>Used to control bleeding associated with low fibrinogen levels.</li> </ul>	
10. Immunoglobulins (e.g. Anti D Rh, IVIg, SCIg)	<ul style="list-style-type: none"> <li>Commonly known as "Antibodies"</li> <li>Proteins, derived from plasma.</li> </ul>	
11. Topical haemostatic agents  Topical Thrombin and/or Fibrinogen "Tissue glues / sealants"	<ul style="list-style-type: none"> <li>Depending on specific products, contain very small fractions of Thrombin, Bovine (derived from cows) albumin etc.</li> <li>Used to control bleeding during surgery.</li> </ul>	

This is not an exhaustive list. There are other products available for use in special circumstances. Your specialist will discuss these with you, as indicated.

For more detailed information about these products, you can check out the LifeBlood website - <https://www.lifeblood.com.au/patients/types-of-transfusions>

## Relevant procedures currently available at Illawarra Shoalhaven Local Health District (ISLHD)

1. Cell salvage	Has been used safely for over 30 years and is subject to strict guidelines. Performed during surgery. Patient's own blood that is lost during surgery, is collected immediately, washed, and filtered safely and then returned back to the patient via an IV 'drip'. Done at the patient's bedside.
2. Dialysis	Procedure to filter blood in patients with severe kidney disease. This procedure might occasionally require the use of Blood products. Discuss details with the specialist team.
3. Plasmapheresis	Procedure to filter out antibodies from patient's plasma, to treat autoimmune conditions. This procedure might occasionally require the use of Blood products. Discuss details with the specialist team.
4. Epidural blood patch	Used to treat "a spinal headache" Small volume of <u>patient's own blood</u> is injected into the patient's epidural space (in the back, around the spinal cord). Blood is taken from the patient and injected with minimal delay. Used to seal a leak of CSF (cerebrospinal fluid)

## **Blood Products / Procedures NOT available at ISLHD**

Hemin, Haemoglobin, Fractions from Platelets, Fractions from White cells,  
Acute Normovolemic Haemodilution, Cardia-pulmonary Bypass

You can discuss these items with your health professional, before making up your mind.

You always have the right to change your mind, if you wish, at any point of your care. Just let your health professional know.

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**Need an Interpreter?** Interpreters are available if you need help to communicate with staff. The service is free and confidential. We will book the interpreter for you. You can also call the Translating and Interpreting Service on 131 450 if you need to speak to someone before your appointment.

**Need an Aboriginal Health Worker?** An Aboriginal Health Worker (AHW) advocates for the needs of consumers who identify as Aboriginal or Torres Strait Islander. They can provide support and information to help you. Tell staff you would like to speak to an AHW, or let them know if there is an AHW you would like us to contact.