



# Blood Components App

The Blood Component Indication App summarises relevant national transfusion guidelines for Adults, Infants & Children and Neonates.

☰ These summaries should be used in conjunction with relevant BSH and other published Guidelines

**Adults**  
This guidance is based on the NBTC Indication Codes for Transfusion (June 2016)

**Infants & Children**  
This summary guidance is based on the Guidelines on transfusion for fetuses, neonates and older children (BSH, 2016)

**Neonates**  
This summary guidance is based on the Guidelines on transfusion for fetuses, neonates and older children (BSH, 2016)

☰ **Adults** ?

RBC PLT FFP CRYO PCC

**Red Cells**

**Red Cell Concentrates**

Dose - in the absence of active bleeding, use the minimum number of units required to achieve a target Hb. Consider the size of the patient; assume an increment of 10g/L per unit for an average 70 kg adult.

**R1 Acute Bleeding**

Acute blood loss with haemodynamic instability. After normovolaemia has been achieved/maintained, frequent measurement of Hb (including by near patient testing) should be used to guide the use of red cell transfusion - see suggested thresholds below.

**R2 Hb < 70g/L stable patient**

Acute anaemia.

< Back

☰ **Neonates** ?

RBC PLT FFP CRYO

**Red Blood Cells**

**Red cells for top-up transfusions**

- Studies support restrictive transfusion thresholds.

**Suggested transfusion thresholds for preterm neonates**

Postnatal age	Suggested transfusion threshold Hb (g/L)		
	Ventilated	On oxygen/ NIPPV**	Off oxygen
1st 24 hours	<120	<120	<100
≤week 1 (day 1-7)	<120	<100	<100

< Back

This App will act as a prompt for clinicians to facilitate appropriate use of blood and enable robust documentation of indications.

Available NOW:

Search: **'Blood Components'**



**Coming Soon**

Visit: <https://goo.gl/whCRF6>

Scan:

