

12 PLASMA DERIVED BLOOD COMPONENTS

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12.11 Hepatitis B Immunoglobulin VF
Section 12
Transfusion Medicine Protocols
Women's & Newborn Health Services
Perth Western Australia

12.11 HEPATITIS B IMMUNOGLOBULIN VF (100IU AND 400IU)

DESCRIPTION

Each vial contains 160mg/mL human plasma proteins, with 98% being immunoglobulins (mainly IgG) and has a hepatitis B surface antibody titre of 100 IU/mL or more. This product is for intramuscular use. It is available in 100 IU (paediatric) and 400 IU (adult) vials.

INDICATIONS

Hepatitis B Immunoglobulin is available from the Blood Bank at both PMH and KEMH sites, to order please contact the Blood Bank Scientist and provide patient details and clinical history.

- Post-exposure prophylaxis in persons who did not receive prior vaccination or whose vaccination regimen is incomplete or when the hepatitis B antibody level is inadequate (less than 10 IU/L).
- Post-exposure prophylaxis should be considered following percutaneous or permucosal exposure to HbsAg positive or suspected positive material, for example, by needle stick, oral ingestion or sexual exposure.
- Infants born to HbsAg positive mothers, either chronic carriers or those who contract hepatitis B during pregnancy.

DOSE AND ADMINISTRATION

- For maximum protective effect, give within 3 days of exposure.
- Post-exposure prophylaxis: Give 400 IU and initiate hepatitis B vaccination regimen.
- Prophylaxis in infants: Give infant 100 IU at birth and initiate hepatitis B vaccination regimen.
- Slow intramuscular injection

Further information may be found at

http://www.csl.com.au/s1/cs/auhq/1217017237558/Web_Product_C/1196562707363/ProductDetail.htm