

DRUG:	HEPATITIS B VACCINE
PRESENTATION:	Unit dose syringe or vial: H-B-Vax II Preservative-free 0.5mL (5 micrograms) or, if this is unavailable ENGERIX-B Thiomersal-free 0.5mL (10 micrograms)
ACTION & INDICATION:	Hepatitis B surface antigen induces protective antibody formation to Hepatitis B virus (Anti-HBs). Used as prophylaxis for all infants and for the management of babies born to HBs Ag positive mothers.
DOSE:	0.5mL The different brands may be interchanged. For preterm infants <32 weeks of age : 1 st dose at birth or no later than 7 days of age 2 nd dose at 2 months 3 rd dose at 4 months 4 th dose at 6 months 5 th dose at 12 months if antibody titre low If infant less than 1000g omit birth dose and give first dose at 2 months of age. All other infants : 1 st dose at birth or in the first 7 days of life 2 nd dose at 2 months of age 3 rd dose at 4 months of age 4 th dose at either 6 or 12 months
ADMINISTRATION:	Intramuscular injection: As per NCCU policy. Withhold dose if there is a known or suspected coagulopathy DO NOT GIVE INTRAVENOUSLY OR INTRADERMALLY Administer in anterolateral thigh
ADVERSE EFFECTS:	Swelling, erythema, soreness at injection site
COMMENTS:	Hepatitis B vaccine is now recommended for all children. If the monovalent dose at birth is missed, vaccination against Hepatitis B should be continued with a multivalent vaccine following the routine schedule. Hepatitis B vaccine is a component of Infanrix Hexa, and is administered in this form at 2,4 and 6 month doses.

	<p>When available, it is preferable to administer H-B-Vax II PRESERVATIVE-FREE.</p> <p>For infants of Hepatitis B positive mothers on the day of birth:</p> <p>IM Hepatitis B immunoglobulin 100 IU to be given in conjunction with initial Hepatitis B vaccine.</p> <p>These products must be administered separately and in different sites.</p> <p>Current information from the Health Department regarding the different manufacturers of the vaccine states that although</p> <p> ENGERIX B Vaccine = 10microgram/0.5mL and H-B –VAX 11 = 5microgram/0.5mL the required dose is still 0.5mL </p>
REFERENCES:	The Australian Immunisation Handbook 9 th Ed 2008 NH&MRC West Australian Vaccination Schedule April 2010
DATE:	January 2011