



**NEONATAL MEDICATION PROTOCOLS**

**COMBINED DIPHTHERIA-TETANUS-ACELLULAR PERTUSSIS (DTPa), HEPATITIS B, POLIOVIRUS AND HAEMOPHILUS INFLUENZAE TYPE B VACCINE**

NCCU Clinical Guidelines

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<b>DRUG:</b>	<b>COMBINED DIPHTHERIA-TETANUS-ACELLULAR PERTUSSIS (DTPa), HEPATITIS B, POLIOVIRUS AND HAEMOPHILUS INFLUENZAE TYPE B VACCINE (INFANRIX HEXA)</b>
<b>PRESENTATION:</b>	Prefilled syringe, plus a white pellet in a glass vial
<b>ACTION &amp; INDICATION:</b>	The vaccine is indicated for primary immunisation of infants from the age of 6 weeks against diphtheria, tetanus, pertussis, hepatitis b, poliomyelitis, and <i>Haemophilus influenzae</i> type b. It is also indicated for use as a booster dose at 18months of age if boosting with hepatitis B, poliomyelitis, and <i>Haemophilus influenzae</i> type b, as well as diphtheria, tetanus and pertussis is required.
<b>DOSE:</b>	0.5mL  1 <sup>st</sup> dose            2            months 2 <sup>nd</sup> dose            3-4        months 3 <sup>rd</sup> dose            5-6        months Booster            6-12      months after primary course or at 18 months of age ( only if required)
<b>PREPARATION:</b>	Inspect the contents of the syringe and the pellet for discolouration. If discoloured, discard.  Shake the suspension in the syringe well until it is evenly mixed .  Add the entire contents of the syringe to the vial containing the Hib pellet. Shake until pellet is completely dissolved.  Draw up 0.5mL dose. Inject immediately after reconstitution.
<b>ADMINISTRATION:</b>	Intramuscular: As per NCCU policy
<b>ADVERSE EFFECTS &amp; COMMENTS:</b>	Redness, swelling. A nodule may be palpable at site for a few weeks. Fever, malaise, irritability. Persistent screaming, vomiting, shock, collapse  Infanrix <i>hexa</i> should not be administered to subjects with known hypersensitivity to components of the vaccine.  Infanrix <i>hexa</i> is contraindicated if the child has experienced encephalopathy of unknown aetiology, occurring within 7 days following previous vaccination with pertussis containing vaccine. In these circumstances pertussis vaccination should be discontinued and vaccination continued with diphtheria-tetanus,hepatitis B, inactivated polio and Hib vaccines.
<b>REFERENCES:</b>	West Australian Vaccination Schedule August 2013  The Australian Immunisation Handbook 10 <sup>th</sup> Ed NHMRC 2013
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