INFANRIX HEXA® or VAXELIS®

Diptheria-tetanus-acellular pertussis (dtpa), hepatitis b, poliovirus and haemophilus influenza type b vaccine

Read in conjunction with Disclaimer

Formulary: Unrestricted	
Presentation	**Infanrix Hexa®** ***2 components that must be combined prior to administration*** **Prefilled syringe:** contains DTPa-hepB-IPV component as 0.5 mL of turbid white suspension. **Vial:** contains Hib component as a white lyophilised pellet
	Vaxelis® Ready to use pre-filled syringe.
Classification	DTPa-hepB-IPV-Hib — diphtheria-tetanus-acellular pertussis-hepatitis B-inactivated poliovirus-Haemophilus influenzae type b combination vaccine.
Indication	Used as part of the Western Australian Immunisation Schedule for infants at: • 6 weeks of age*, and; • 4 months of age, and; • 6 months of age. *6-week vaccinations can be delayed to 8 weeks of age if medically unwell. **NOTE: Parent/Guardian consent is to be obtained prior to administration of all vaccinations.**
Special Considerations	• Contraindicated in patients with serious allergic reactions after a previous vaccine dose or to a component of the vaccine, including yeast, neomycin and polymyxin B. • Contraindicated in infants who develop encephalopathy within 7 days following any DTP vaccination – consult immunology for further advice.
Monitoring	• Infants receiving immunisations are to have a full set of observations taken prior to immunisation and then continue full observations with feeds for 48 hours post immunisation. • Monitor temperature – Do not give during febrile illness or acute infection.
Compatibility	The vaccine should not be combined with any fluids or other vaccinations prior to administration.
Interactions	Infanrix Hexa® or Vaxelis® can be co-administered with other scheduled vaccines. Ensure a different injection site is used.
Side Effects	**Common:** Pain, swelling and redness at injection site. A nodule may be present at the injection site for a few weeks.
	Infrequent: Headache, fever, lethargy, malaise, myalgia.
	Rare: Anaphylaxis, urticaria and peripheral neuropathy.

Storage & Stability	Refrigerate at 2 to 8ºC, do not freeze. **Note for Infanrix Hexa®:** Upon storage, a white deposit and clear supernatant can be observed in the prefilled syringe, this is a normal observation.

INTRAMUSCULAR INJECTION

Presentation	**Infanrix Hexa®** ***2 components that must be combined prior to administration.*** **Prefilled syringe:** contains DTPa-hepB-IPV component as 0.5 mL of turbid white suspension. **Vial:** contains Hib component as a white lyophilised pellet.
	Vaxelis® Ready to use pre-filled syringe.
Dosage	**Intramuscular:** 0.5 mL
Preparation	**Infanrix Hexa®** **NOTE:** both components **must be** combined prior to administration. • Inspect the contents of the syringe and the pellet for discolouration. If discoloured, discard vaccine. • Shake the suspension in the syringe well until it is evenly mixed. • Remove the syringe cap and add a Luer Lock needle. • Add the entire contents of the syringe to the vial containing the lyophilised pellet. • Shake until pellet is completely dissolved.
	Vaxelis® Ready to use pre-filled syringe.
Administration	**Infanrix Hexa®:** **Intramuscular injection ONLY.** • Draw up the entire reconstituted vial volume (0.5 mL). Inject immediately after reconstitution. • Inject by intramuscular injection as per the Medication Administration Guideline.
	Vaxelis® **Intramuscular injection ONLY.** • Gently shake the pre-filled syringe to obtain a homogenous, whitish, cloudy suspension. • Inject the entire contents of the pre-filled syringe by intramuscular injection as per the Medication Administration Guideline.
Comments	**Infanrix Hexa®:** • A white deposit and clear supernatant can be observed in the prefilled syringe, this is a normal observation. • The Infanrix Hexa® reconstituted vaccine may be kept up to 8 hours at room temperature.

Related Policies, Procedures, and Guidelines

Clinical Practice Guidelines:

CAHS Neonatology – Immunisations

Pharmaceutical and Medicines Management Guidelines:

CAHS Neonatology – Medication Administration Guideline

WNHS Cold Chain Management for Medications and Vaccines

CAHS Medication Refrigerators and Freezers

References

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