MENINGOCOCCAL VACCINE GROUP A, C, W-135, Y (Nimenrix®)

Read in conjunction with Disclaimer

Formulary: Restricted Prescribing must be in accordance with the West Australian Immunisation Schedule	
For Aboriginal and Torres Strait Islander infants ONLY	
Presentation	**Vial:** Nimenrix® powder **Prefilled syringe:** solvent for reconstitution
Classification	Meningococcal polysaccharide groups A, C, W-135 and Y conjugate vaccine
Indication	Prevention of meningococcal disease caused by *Neisseria meningitides* for Aboriginal and Torres Strait Islander infants • 6 weeks of age*, and; • 4 months of age, and; • 12 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.**
Interactions	Meningococcal ACWY vaccine can be co-administered with other scheduled vaccines. If not co-administering; the meniningococcal ACWY vaccine should be given at least 4 weeks later. Intervals less than 4 weeks should be authorised by the neonatologist/microbiologist.
Monitoring	Infants receiving meningococcal ACWY immunisation 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	Do not combine with any fluids or other vaccinations
Side Effects	**Common:** pain, redness and swelling at injection site, fever, drowsiness, irritability, loss of appetite
Storage & Stability	Refrigerate between 2 to 8°C, do not freeze.

Comments	There should be a minimum interval of 8 weeks between meningococcal ACWY doses. Nimenrix® contains a conjugated tetanus toxoid as a carrier protein for the vaccine.

INTRAMUSCULAR INJECTION

Presentation	**Vial:** Nimenrix® powder **Prefilled syringe:** solvent for reconstitution
Dosage	***Do not prescribe unless consent has been confirmed.*** **Intramuscular:** 0.5 mL
Preparation	• Reconstitute Nimenrix® vial containing powder by adding the entire contents of the pre-filled syringe of solvent. • Shake well until the powder is completely dissolved. • The reconstituted vaccine should be a clear colourless solution. Do NOT use if solution is not clear and colourless. • Withdraw reconstituted contents into the syringe (0.5 mL)
Administration	**Intramuscular Injection ONLY** ***Do not administer unless consent has been confirmed.*** Administer the entire reconstituted vial volume (0.5 mL) by intramuscular injection (IMI) to the anterolateral aspect of the thigh (slowly to reduce pain).

Related Policies, Procedures, and Guidelines

HDWA Policies:

Western Australian Immunisation Schedule

Clinical Practice Guidelines:

CAHS Neonatology - Immunisations Guideline

WNHS Pharmaceutical and Medicines Management Guidelines:

WNHS Cold Chain Management for Medications and Vaccines

CAHS Medication Refrigerators and Freezers

References

AusDI. Nimenrix®. In: AusDI By Medical Director [Internet]. Australia: AusDI by Medical Director; 2023 [cited 2024 Mar 05]. Available from: https://www.ausdi.com/

Australian Medicines Handbook. Meningococcal vaccines. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2024 [cited 2024 Mar 05]. Available from: https://amhonline.amh.net.au/

Document history

Keywords	Meningococcal, ACWY, Nimenrix, vaccine				
Document Owner:	Chief Pharmacist				
Author/ Reviewer	KEMH & PCH Pharmacy/Neonatology Directorate				
Version Info:	V2.0 – full review, new template (March 2024) V2.1 - Consent warnings added to dosage and administration section (June 2026)				
Date First Issued:	10/2001	Last Reviewed:	05/03/2024	Review Date:	05/03/2029
Endorsed by:	Neonatal Directorate Management Group			Date:	30/07/2024
NSQHS Standards Applicable:	☒ Std 1: Clinical Governance		☒ Std 4: Medication Safety		
Printed or personally saved electronic copies of this document are considered uncontrolled. Access the current version from WNHS HealthPoint.					

This document can be made available in alternative formats on request for a person with a disability.

© North Metropolitan Health Service 2024