**Nimenrix® (meningococcal groups A, C, W-135 and Y conjugate vaccine) eModule Series for Healthcare Professionals**

**Module 5 – Knowledge Check**

1. Before administering Nimenrix®, which of the following items should you prepare?
	1. Sharps container
	2. Cotton wool pads
	3. Anaphylaxis kit
	4. Nimenrix® vaccine

ANSWER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. At what temperature should Nimenrix® be stored?
	1. In a freezer (-18°C)
	2. In a refrigerator (2–8°C)
	3. Cool (8–15°C)
	4. At room temperature (15–24°C)

 ANSWER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. True or false: A protective immune response may not be elicited in all vaccinees (recipients of vaccine). For instance, if an individual has a weak immune system (e.g. due to HIV infection or medicines that affect the immune system) they may not get the full benefit from Nimenrix®.

ANSWER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. When is administration of Nimenrix® contraindicated? *Select all that apply*
	1. Hypersensitivity to the active substances or to any of the excipients
	2. Acute severe febrile illness (i.e. infection with high fever)
	3. Minor infection, such as a cold
	4. Coagulation disorder (i.e. a bleeding condition)

ANSWER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. True or false: Nimenrix® should be used promptly following reconstitution.

ANSWER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. True or false: Once reconstituted, Nimenrix® should appear as a white, cloudy solution.

ANSWER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. In infants (under 1 year of age), Nimenrix® should be injected into which muscle?
	1. Anterolateral aspect of the thigh
	2. Deltoid muscle
	3. Gluteus maximus

 ANSWER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. In individuals from 1 year of age, Nimenrix® should be injected into which muscle? (Select all that apply)
	1. Anterolateral aspect of the thigh
	2. Deltoid muscle
	3. Gluteus maximus

 ANSWER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**ANSWERS**

1. Before administering Nimenrix®, which of the following items should you prepare?
	1. Sharps container
	2. Cotton wool pads
	3. Anaphylaxis kit
	4. Nimenrix® vaccine

Answer: a, b, c, d1, 2

1. At what temperature should Nimenrix® be stored?
	1. In a freezer (-18°C)
	2. In a refrigerator (2–8°C)
	3. Cool (8–15°C)
	4. At room temperature (15–24°C)

 Answer: b2

1. True or false: A protective immune response may not be elicited in all vaccinees (recipients of vaccine). For instance, if an individual has a weak immune system (e.g. due to HIV infection or medicines that affect the immune system) they may not get the full benefit from Nimenrix®.

Answer: true2

1. When is administration of Nimenrix® contraindicated? *Select all that apply*
	1. Hypersensitivity to the active substances or to any of the excipients
	2. Acute severe febrile illness (i.e. infection with high fever)
	3. Minor infection, such as a cold
	4. Coagulation disorder (i.e. a bleeding condition)

Answer: a2

1. True or false: Nimenrix® should be used promptly following reconstitution.

Answer: true3

1. True or false: Once reconstituted, Nimenrix® should appear as a white, cloudy solution.

Answer: false2

1. In infants (under 1 year of age), Nimenrix® should be injected into which muscle?
	1. Anterolateral aspect of the thigh
	2. Deltoid muscle
	3. Gluteus maximus

 Answer: a2

1. In individuals from 1 year of age, Nimenrix® should be injected into which muscle? (Select all that apply)
	1. Anterolateral aspect of the thigh
	2. Deltoid muscle
	3. Gluteus maximus

 Answer: a, b2

**References**

1. UK guidance on best practice in vaccine administration. 2001. Available from: http://www.wales.nhs.uk/sitesplus/documents/861/UK%20best%20practice%20guidance%20vacc%20admin%202001.pdf. Accessed: June 2021.
2. Pfizer Limited. Nimenrix® Summary of Product Characteristics. February 2021.
3. Pfizer Limited. Nimenrix® Patient Information Leaflet. February 2021.

