



PHE publications gateway number: GW-102

## PATIENT GROUP DIRECTION (PGD)

Administration of meningococcal group A, C, W, and Y conjugate vaccine (MenACWY) to individuals with an underlying medical condition which puts them at increased risk from *Neisseria meningitidis*.

This PGD is for the administration of meningococcal group A, C, W, and Y conjugate vaccine (MenACWY) by registered healthcare practitioners identified in Section 3, subject to any limitations to authorisation detailed in Section 2.

Reference no: MenACWY Risk Groups PGD  
Version no: v02.00  
Valid from: 01 March 2019  
Review date: 01 September 2020  
Expiry date: 28 February 2021

**Public Health England has developed this PGD to facilitate the delivery of publicly funded immunisation in line with national recommendations.**

Those using this PGD must ensure that it is organisationally authorised and signed in Section 2 by an appropriate authorising person, relating to the class of person by whom product is to be supplied, in accordance with Human Medicines Regulations 2012 (HMR2012)<sup>1</sup>. **THE PGD IS NOT LEGAL OR VALID WITHOUT SIGNED AUTHORISATION IN ACCORDANCE WITH [HMR2012 SCHEDULE 16 Part 2](#).**

Authorising organisations must not alter, amend or add to the clinical content of this document (sections 4, 5 and 6); such action will invalidate the clinical sign-off with which it is provided. In addition authorising organisations must not alter section 3 'Characteristics of staff'. Only sections 2 and 7 can be amended within the designated editable fields provided.

Operation of this PGD is the responsibility of commissioners and service providers.

**INDIVIDUAL PRACTITIONERS MUST BE AUTHORISED BY NAME, UNDER THE CURRENT VERSION OF THIS PGD BEFORE WORKING ACCORDING TO IT.**

Practitioners and organisations must check that they are using the current version of the PGD. Amendments may become necessary prior to the published expiry date. Current versions of PHE PGD templates for authorisation can be found from:

<https://www.gov.uk/government/collections/immunisation-patient-group-direction-pgd>

Any concerns regarding the content of this PGD should be addressed to:  
[immunisation@phe.gov.uk](mailto:immunisation@phe.gov.uk)




<sup>1</sup> This includes any relevant amendments to legislation (eg [2013 No.235](#), [2015 No.178](#) and [2015 No.323](#)).  
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## Change history

Version number	Change details	Date
V01.00	New MenACWY Risk Groups PHE PGD Template	01 February 2017
V02.00	MenACWY Risk Groups PGD amended to: <ul style="list-style-type: none"><li>• include additional healthcare practitioners in Section 3</li><li>• remove black triangle for Nimenrix®</li><li>• insert paragraph regarding coeliac disease</li><li>• refer to vaccine incident guidelines in off-label and storage sections</li><li>• include minor rewording, layout and formatting changes for clarity and consistency with other PHE PGD templates</li></ul>	21 December 2018

## 1. PGD development

This PGD has been developed by the following health professionals on behalf of Public Health England:

Developed by:	Name	Signature	Date
<b>Pharmacist</b> (Lead Author)	Elizabeth Graham Lead Pharmacist - Immunisation and Countermeasures, PHE		24/01/2019
<b>Doctor</b>	Mary Ramsay Consultant Epidemiologist and Head of Immunisation and Countermeasures, PHE		24/01/2019
<b>Registered Nurse</b> (Chair of Expert Panel)	David Green Nurse Consultant – Immunisation and Countermeasures, PHE		24/01/2019

This PGD has been peer reviewed by the PHE Immunisations PGD Expert Panel in accordance with PHE PGD Policy. It has been ratified by the PHE Medicines Management Group and the PHE Quality and Clinical Governance Delivery Board.

### Expert Panel

Name	Designation
Ed Gardner	Advanced Paramedic Practitioner / Emergency Care Practitioner, Medicines Manager, Proactive Care Lead
Shamez Ladhani	Paediatric Infectious Disease Consultant, Public Health England
Vanessa Saliba	Consultant Epidemiologist, Public Health England
Jacqueline Lamberty	Lead Pharmacist Medicines Management Services, Public Health England
Vanessa MacGregor	Consultant in Communicable Disease Control, Public Health England, East Midlands Health Protection Team
Alison Mackenzie	Consultant in Public Health Medicine / Screening and Immunisation Lead, Public Health England / NHS England South (South West)
Gill Marsh	Senior Screening and Immunisation Manager, Public Health England / NHS England Lancashire and South Cumbria
Lesley McFarlane	Screening and Immunisation Co-ordinator, NHS England / Public Health England Leicestershire, Lincolnshire and Northamptonshire
Sally Millership	Consultant in Communicable Disease Control, Public Health England, East of England Health Protection Team
Tushar Shah	Pharmacy Advisor, NHS England London Region
Sharon Webb	Programme Manager / Registered Midwife, NHS Infectious Diseases in Pregnancy Screening Programme, Public Health England
Helen Wilkinson	Principal Pharmacist, Bristol, North Somerset & South Gloucestershire Clinical Commissioning Group


## 2. Organisational authorisations



The PGD is not legally valid until it has had the relevant organisational authorisation.

It is the responsibility of the organisation that has legal authority to authorise the PGD, to ensure that all legal and governance requirements are met. The authorising body accepts governance responsibility for the appropriate use of the PGD.

**NHS England London Region** authorises this PGD for use by the services or providers listed below:

<b>Authorised for use by the following organisations and/or services</b>
This PGD must only be used by specified registered healthcare professionals working for providers that are directly commissioned by NHS England London Region, or who are administering vaccinations as part of a national immunisation programme, and who have been named and authorised to practise under it.
<b>Limitations to authorisation</b>
None

<b>Organisational approval (legal requirement)</b>			
<b>Role</b>	<b>Name</b>	<b>Sign</b>	<b>Date</b>
<b>Director of Nursing / Deputy Regional Chief Nurse NHS England (London Region)</b>	<b>Jane Clegg</b>		<b>19/02/2019</b>

<b>Additional signatories according to locally agreed policy</b>			
<b>Role</b>	<b>Name</b>	<b>Sign</b>	<b>Date</b>
<b>Director of Nursing (South London) NHS England London Region</b>	<b>Gwen Kennedy</b>		<b>21/02/2019</b>
<b>Pharmacy Advisor, NHS England London Region</b>	<b>Tushar Shah</b>		<b>12/02/2019</b>

Local enquiries regarding the use of this PGD may be directed to [england.londonimms@nhs.net](mailto:england.londonimms@nhs.net).

Section 7 provides a practitioner authorisation sheet. Individual practitioners must be authorised by name to work to this PGD. Alternative practitioner authorisation sheets may be used where appropriate in accordance with local policy but this should be an individual agreement or a multiple practitioner authorisation sheet as included at the end of this PGD.

### 3. Characteristics of staff

<p><b>Qualifications and professional registration</b></p>	<p>Registered professional with one of the following bodies:</p> <ul style="list-style-type: none"> <li>nurses and midwives currently registered with the Nursing and Midwifery Council (NMC)</li> <li>pharmacists currently registered with the General Pharmaceutical Council (GPhC) (Note: This PGD is not relevant to privately provided community pharmacy services)</li> <li>paramedics and physiotherapists currently registered with the Health and Care Professions Council (HCPC)</li> </ul> <p>The practitioners above must also fulfil the <a href="#">Additional requirements</a> detailed below.</p> <p>Check <a href="#">Section 2 Limitations to authorisation</a> to confirm whether all practitioners listed above have organisational authorisation to work under this PGD.</p>
<p><b>Additional requirements</b></p>	<p>Additionally practitioners:</p> <ul style="list-style-type: none"> <li>must be authorised by name as an approved practitioner under the current terms of this PGD before working to it</li> <li>must have undertaken appropriate training for working under PGDs for supply/administration of medicines</li> <li>must be competent in the use of PGDs (see <a href="#">NICE Competency framework</a> for health professionals using PGDs)</li> <li>must be familiar with the vaccine product and alert to changes in the Summary of Product Characteristics (SPC), Immunisation Against Infectious Disease (<a href="#">‘The Green Book’</a>), and national and local immunisation programmes</li> <li>must have undertaken training appropriate to this PGD as required by local policy and in line with the <a href="#">National Minimum Standards and Core Curriculum for Immunisation Training</a></li> <li>must be competent to undertake immunisation and to discuss issues related to immunisation</li> <li>must be competent in the handling and storage of vaccines, and management of the ‘cold chain’</li> <li>must be competent in the recognition and management of anaphylaxis</li> <li>must have access to the PGD and associated online resources</li> <li>should fulfil any additional requirements defined by local policy</li> </ul> <p><b>THE INDIVIDUAL PRACTITIONER MUST BE AUTHORISED BY NAME, UNDER THE CURRENT VERSION OF THIS PGD BEFORE WORKING ACCORDING TO IT.</b></p>
<p><b>Continued training requirements</b></p>	<p>Practitioners must ensure they are up to date with relevant issues and clinical skills relating to immunisation and management of anaphylaxis, with evidence of appropriate Continued Professional Development (CPD).</p> <p>Practitioners should be constantly alert to any subsequent recommendations from Public Health England and/or NHS England and other sources of medicines information.</p> <p>Note: The most current national recommendations should be followed but a Patient Specific Direction (PSD) may be required to administer the vaccine in line with updated recommendations that are outside the criteria specified in this PGD.</p>

#### 4. Clinical condition or situation to which this PGD applies

<p><b>Clinical condition or situation to which this PGD applies</b></p>	<p>Indicated for the active immunisation of individuals with an underlying medical condition which puts them at increased risk from <i>Neisseria meningitidis</i> groups A, C, W and Y, in accordance with the recommendations given in <a href="#">Chapter 7</a> and <a href="#">Chapter 22</a> of Immunisation Against Infectious Disease: 'The Green Book'.</p>
<p><b>Criteria for inclusion</b></p>	<p>Individuals who:</p> <ul style="list-style-type: none"> <li>• are at increased risk of invasive meningococcal infection with asplenia, splenic dysfunction or complement disorders (including those on, or to commence, complement inhibitor treatment eg eculizumab)</li> </ul> <p>Note: This includes individuals with medical conditions accompanied by functional hyposplenism (eg sickle cell disease) but does not include those with coeliac disease unless concurrent hyposplenism has been diagnosed.</p>
<p><b>Criteria for exclusion<sup>2</sup></b></p>	<p>Individuals for whom no valid consent has been received</p> <p>Individuals who:</p> <ul style="list-style-type: none"> <li>• have had a confirmed anaphylactic reaction to a previous dose of the vaccine or to any constituent or excipient of the vaccine, including diphtheria toxoid, CRM 197 carrier protein (Menveo<sup>®</sup>), tetanus toxoid (Nimenrix<sup>®</sup>)</li> <li>• have received MenACWY conjugate vaccine over 1 year of age and in the last 12 months (excluded as they are adequately immunised)</li> <li>• are not at increased risk of invasive meningococcal infection and require routine MenACWY vaccination</li> <li>• are a contact of <i>Neisseria meningitidis</i> groups A, C, W and Y disease</li> <li>• require vaccination for occupational health reasons eg laboratory workers working with meningococci</li> <li>• require vaccination for the purpose of travel</li> <li>• are suffering from acute severe febrile illness (the presence of a minor infection is not a contraindication for immunisation)</li> </ul>
<p><b>Cautions including any relevant action to be taken</b></p>	<p>The immunogenicity of the vaccine could be reduced in immunosuppressed subjects. Vaccination should proceed in accordance with national recommendations. However, re-immunisation may need to be considered. Seek medical advice as appropriate.</p> <p>Syncope (fainting) can occur following, or even before, any vaccination especially in adolescents as a psychogenic response to the needle injection. This can be accompanied by several neurological signs such as transient visual disturbance, paraesthesia and tonic-clonic limb movements during recovery. It is important that procedures are in place to avoid injury from faints.</p>

<sup>2</sup> Exclusion under this PGD does not necessarily mean the medication is contraindicated, but it would be outside its remit and another form of authorisation will be required

<p><b>Action to be taken if the patient is excluded</b></p>	<p>Individuals who have received MenACWY conjugate vaccine over 1 year of age and in the last 12 months do not require a further dose of MenACWY conjugate vaccine when diagnosed at risk.</p> <p>Individuals who are not at increased risk of invasive meningococcal infection and require routine MenACWY vaccination or who are a contact of <i>Neisseria meningitidis</i> groups A, C, W and Y disease should be vaccinated in accordance with PHE recommendations (see MenACWY PGD).</p> <p>Individuals requiring vaccination for occupational health reasons, eg laboratory workers working with meningococci, should be referred to their occupational health service provider for vaccination.</p> <p>Individuals requiring vaccination solely for the purpose of travel should be referred to the appropriate travel immunisation service. MenACWY vaccine is not available on the NHS for the purpose of travel.</p> <p>Individuals suffering from acute severe febrile illness should postpone immunisation until they have recovered. Immunisers should advise when the individual can be vaccinated and ensure another appointment is arranged.</p> <p>Seek appropriate advice from the local Screening and Immunisation Team, local Health Protection Team or the individual's clinician as required.</p> <p>The risk to the individual of not being immunised must be taken into account.</p> <p>Document the reason for exclusion and any action taken in the individual's clinical records.</p> <p>In a GP practice setting, inform or refer to the GP or a prescriber as appropriate.</p>
<p><b>Action to be taken if the patient or carer declines treatment</b></p>	<p>Informed consent, from the individual or a person legally able to act on the person's behalf, must be obtained for each administration.</p> <p>Advise the individual/parent/carer about the protective effects of the vaccine, the risks of infection and potential complications of disease.</p> <p>Document advice given and the decision reached.</p> <p>In a GP practice setting, inform or refer to the GP as appropriate.</p>
<p><b>Arrangements for referral for medical advice</b></p>	<p>As per local policy</p>

## 5. Description of treatment

<p><b>Name, strength &amp; formulation of drug</b></p>	<p>Meningococcal group A, C, W and Y conjugate vaccine, MenACWY eg:</p> <ul style="list-style-type: none"> <li>• <b>Menveo</b><sup>®</sup>, 0.5ml reconstituted vaccine solution containing: <ul style="list-style-type: none"> <li>Originally contained in powder vial: <ul style="list-style-type: none"> <li>• Meningococcal group A oligosaccharide<sup>1</sup> 10micrograms</li> </ul> </li> <li>Originally contained in the solution vial: <ul style="list-style-type: none"> <li>• Meningococcal group C oligosaccharide<sup>1</sup> 5 micrograms</li> <li>• Meningococcal group W135 oligosaccharide<sup>1</sup> 5 micrograms</li> </ul> </li> <li>Meningococcal group W135 oligosaccharide<sup>1</sup> 5 micrograms</li> <li>• Meningococcal group Y oligosaccharide<sup>1</sup> 5 micrograms</li> </ul> </li> </ul> <p><sup>1</sup>conjugated to <i>Corynebacterium diphtheriae</i> CRM<sub>197</sub> protein</p> <p>Or</p> <ul style="list-style-type: none"> <li>• <b>Nimenrix</b><sup>®</sup>, 0.5ml reconstituted vaccine solution containing: <ul style="list-style-type: none"> <li>Originally in powder: <ul style="list-style-type: none"> <li>• <i>Neisseria meningitidis</i> A polysaccharide<sup>2</sup> 5 micrograms</li> <li>• <i>Neisseria meningitidis</i> C polysaccharide<sup>2</sup> 5 micrograms</li> <li>• <i>Neisseria meningitidis</i> W135 polysaccharide<sup>2</sup> 5 micrograms</li> <li>• <i>Neisseria meningitidis</i> Y polysaccharide<sup>2</sup> 5 micrograms</li> </ul> </li> <li><sup>2</sup> conjugated to tetanus toxoid carrier protein 44 micrograms</li> </ul> </li> </ul> <p>Solvent for solution for injection in pre-filled syringe</p>
<p><b>Legal category</b></p>	<p>Prescription only medicine (POM)</p>
<p><b>Black triangle ▼</b></p>	<p>No.</p>
<p><b>Off-label use</b></p>	<p>Administration by deep subcutaneous injection to individuals with a bleeding disorder is off-label administration in line with advice in <a href="#">Chapter 4</a> and <a href="#">Chapter 22</a> of 'The Green Book'.</p> <p>Menveo<sup>®</sup> is off-label for children under 2 years of age and Nimenrix<sup>®</sup> is licensed from 6 weeks of age, for a schedule with a minimum 2 month interval between doses, but either vaccine is recommended in accordance with advice in <a href="#">Chapter 7</a> and <a href="#">Chapter 22</a> of 'The Green Book'.</p> <p>Vaccine should be stored according to the conditions detailed in the <a href="#">Storage section</a> below. However, in the event of an inadvertent or unavoidable deviation of these conditions refer to <a href="#">PHE Vaccine Incident Guidance</a>. Where vaccine is assessed in accordance with these guidelines as appropriate for continued use this would constitute off-label administration under this PGD.</p> <p>Where a vaccine is recommended off-label consider, as part of the consent process, informing the individual/parent/carer that the vaccine is being offered in accordance with national guidance but that this is outside the product licence.</p>
<p><b>Route / method of administration</b></p> <p>Continued over page</p>	<p>The MenACWY vaccines must be reconstituted in accordance with the manufacturers' instructions prior to administration.</p> <p>Following reconstitution, MenACWY conjugate vaccine should be given as a single 0.5ml dose by intramuscular injection, preferably in</p>



<p><b>Route / method of administration</b> (continued)</p>	<p>the deltoid region of the upper arm. The anterolateral aspect of the thigh is the preferred site for infants under one year old.</p> <p>The MenACWY conjugate vaccines must not be given intravascularly or intradermally and must not be mixed with other vaccines in the same syringe.</p> <p>For individuals with a bleeding disorder, vaccines normally given by an IM route should be given by deep subcutaneous injection to reduce the risk of bleeding (see 'The Green Book' <a href="#">Chapter 4</a>).</p> <p>When administering at the same time as other vaccines care should be taken to ensure that the appropriate route of injection is used for all the vaccinations. The vaccines should be given at separate sites, preferably in different limbs. If given in the same limb, they should be given at least 2.5cm apart. The site at which each vaccine was given should be noted in the individual's records.</p> <p>The vaccine should be inspected visually for any foreign particulate matter and/or variation of physical aspect before reconstitution and following reconstitution prior to administration. In the event of either being observed, discard the vaccine.</p> <p>It is recommended that the vaccine be administered immediately after reconstitution, to minimize loss of potency. Discard reconstituted vaccine if it is not used within 8 hours (see Storage section). The SPCs for Menveo® and Nimenrix® provide further guidance on reconstitution and administration and are available from the electronic Medicines Compendium website: <a href="http://www.medicines.org.uk">www.medicines.org.uk</a></p>
<p><b>Dose and frequency of administration</b></p>	<p><b>Individuals under 1 year of age</b></p> <p>Individuals under 1 year of age, with asplenia, splenic dysfunction or complement disorders, should receive:</p> <ul style="list-style-type: none"> <li>• two doses of MenACWY vaccine at least one month apart during infancy, and</li> <li>• one dose of MenACWY vaccine after the first birthday. This dose should be administered at least two months after the routine Hib/MenC booster vaccination</li> </ul> <p>Where possible the course should be completed with the same brand of MenACWY vaccine. However, vaccination should not be delayed and either vaccine can be given.</p> <p><b>Individuals over 1 year of age</b></p> <p>Individuals over 1 year of age, with asplenia, splenic dysfunction or complement disorders, require a single dose of MenACWY vaccine on presentation.</p> <p>Refer to Green Book <a href="#">Chapter 7</a> for a practical schedule for immunising individuals with asplenia, splenic dysfunction or complement disorders which takes into account the other vaccines required by these individuals.</p>
<p><b>Duration of treatment</b></p>	<p>See dose section above</p>
<p><b>Quantity to be supplied / administered</b></p>	<p>Single dose of 0.5ml per an administration</p>

<b>Supplies</b>	<p>Vaccine for the national immunisation programme should not be used for the vaccination of at risk individuals. Vaccine should be ordered from the manufacturer.</p> <p>Protocols for the ordering, storage and handling of vaccines should be followed to prevent vaccine wastage (see <a href="#">protocol for ordering storage and handling of vaccines</a> and Green Book <a href="#">Chapter 3</a>).</p>
<b>Storage</b>	<p>Store between +2°C to +8°C. Store in original packaging in order to protect from light. Do not freeze.</p> <p>In the event of an inadvertent or unavoidable deviation of these conditions, vaccine that has been stored outside the conditions stated above should be quarantined and risk assessed for suitability of continued off-label use or appropriate disposal. Refer to <a href="#">PHE Vaccine Incident Guidance</a>.</p> <p>After reconstitution, the vaccine should be used immediately. However, stability after reconstitution has been demonstrated for 8 hours below 25°C (below 30°C for Nimenrix®). Discard any reconstituted vaccine not used within 8 hours.</p>
<b>Disposal</b>	<p>Equipment used for immunisation, including used vials, ampoules, or discharged vaccines in a syringe or applicator, should be disposed of safely in a UN-approved puncture-resistant 'sharps' box, according to local authority regulations and guidance in the <a href="#">technical memorandum 07-01: Safe management of healthcare waste</a> (Department of Health, 2013).</p>
<b>Drug interactions</b>	<p>Immunological response may be diminished in individuals receiving immunosuppressant treatment. Vaccination is recommended even if the antibody response may be limited.</p> <p>May be given at the same time as other vaccines.</p>
<b>Identification &amp; management of adverse reactions</b>	<p><b>Menveo®</b> The most common adverse reactions observed after administration of Menveo® vaccine are drowsiness, malaise, headache, nausea, irritability and injection site pain, erythema and induration. Fever, chills, nausea, vomiting, diarrhoea, eating disorders, myalgia, arthralgia and rash are also listed as common side effects.</p> <p><b>Nimenrix®</b> The most common adverse reactions observed after administration of Nimenrix® vaccine are drowsiness, fatigue, headache, loss of appetite, irritability, fever and injection site pain, erythema and induration.</p> <p>Gastro-intestinal symptoms (including nausea, vomiting and diarrhoea) and injection site haematoma are also listed as common side effects.</p> <p>A detailed list of adverse reactions associated with Menveo® or Nimenrix® is available in the SPCs for the vaccine, which is available from the electronic Medicines Compendium website: <a href="http://www.medicines.org.uk">www.medicines.org.uk</a></p>

<p><b>Reporting procedure of adverse reactions</b></p>	<p>Healthcare professionals and individuals/parents/carers are encouraged to report suspected adverse reactions to the Medicines and Healthcare products Regulatory Agency (MHRA) using the Yellow Card reporting scheme at: <a href="http://yellowcard.mhra.gov.uk">http://yellowcard.mhra.gov.uk</a></p> <p>Any adverse reaction to the vaccine should be documented in the individual's record and the individual's GP should be informed.</p>
<p><b>Written information to be given to patient or carer</b></p>	<p>Offer marketing authorisation holder's patient information leaflet (PIL) provided with the vaccine.</p> <p>Immunisation promotional material may be provided as appropriate:</p> <ul style="list-style-type: none"> <li>• <a href="#">Splenectomy leaflet</a></li> </ul> <p>Available from: <a href="http://www.gov.uk/government/collections/immunisation">www.gov.uk/government/collections/immunisation</a></p>
<p><b>Patient advice / follow up treatment</b></p>	<p>Menveo® or Nimenrix® will only confer protection against <i>Neisseria meningitidis</i> group A, C, W and Y. The vaccine will not protect against any other <i>Neisseria meningitidis</i> groups. Individuals should continue to seek prompt medical attention at the first signs of possible meningitis or septicaemia.</p> <p>Inform individual/parent/carer of possible side effects and their management.</p> <p>The individual/parent/carer should be advised to seek medical advice in the event of a severe adverse reaction.</p> <p>When applicable, advise the individual/parent/carer when a subsequent dose is due.</p> <p>When administration is postponed advise the individual/parent/carer when to return for vaccination.</p>
<p><b>Special considerations / additional information</b></p>	<p>Ensure there is immediate access to adrenaline (epinephrine) 1 in 1000 injection and access to a telephone at the time of vaccination.</p> <p>Medical conditions such as coeliac disease, sickle cell disease and other haemoglobinopathies may be accompanied by functional hyposplenism. However, hyposplenism in coeliac disease is uncommon in children, and the prevalence correlates with the duration exposure to gluten. Therefore, individuals diagnosed with coeliac disease early in life and well managed are unlikely to require additional MenB vaccine. Only those with known splenic dysfunction should be vaccinated in accordance with this PGD.</p> <p>Individuals receiving complement inhibitor therapy (eculizumab) are at heightened risk of meningococcal infection and should be vaccinated with both MenACWY and MenB vaccines (see MenB Risk Groups PGD), ideally at least two weeks prior to commencement of therapy.</p> <p>Meningococcal vaccines may be given to pregnant women when clinically indicated. There is no evidence of risk from vaccinating pregnant women or those who are breast-feeding with inactivated virus or bacterial vaccines or toxoids</p> <p>Each brand of vaccine uses a different carrier protein and the healthcare professional should refer to the SPCs supplied with the vaccine if there has been a previous hypersensitivity reaction to vaccination.</p>

<p><b>Records</b></p>	<p>Record:</p> <ul style="list-style-type: none"> <li>• that valid informed consent was given</li> <li>• name of individual, address, date of birth and GP with whom the individual is registered</li> <li>• name of immuniser</li> <li>• name and brand of vaccine</li> <li>• date of administration</li> <li>• dose, form and route of administration of vaccine</li> <li>• quantity administered</li> <li>• batch number and expiry date</li> <li>• anatomical site of vaccination</li> <li>• advice given, including advice given if excluded or declines immunisation</li> <li>• details of any adverse drug reactions and actions taken</li> <li>• supplied via PGD</li> </ul> <p>Records should be signed and dated (or a password controlled immuniser's record on e-records).</p> <p>All records should be clear, legible and contemporaneous.</p> <p>This information should be recorded in the individual's GP record. Where vaccine is administered outside the GP setting appropriate health records should be kept and the individual's GP informed.</p> <p>The local Child Health Information Services team (Child Health Records Department) must be notified using the appropriate documentation/pathway as required by any local or contractual arrangement.</p> <p>A record of all individuals receiving treatment under this PGD should also be kept for audit purposes in accordance with local policy.</p>
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## 6. Key references

<b>Key references</b>	<b>MenACWY Conjugate Vaccine</b> <ul style="list-style-type: none"><li>• Nimenrix<sup>®</sup> Summary of Product Characteristics. Pfizer Ltd Updated 22 October 2018. <a href="http://www.medicines.org.uk/emc/medicine/26514">http://www.medicines.org.uk/emc/medicine/26514</a></li><li>• Menveo<sup>®</sup> Summary of Product Characteristics. GlaxoSmithKline UK Updated 09 October 2015. <a href="http://www.medicines.org.uk/emc/medicine/27347">http://www.medicines.org.uk/emc/medicine/27347</a></li><li>• Immunisation Against Infectious Disease: The Green Book, <a href="#">Chapter 22</a> last updated 20 September 2016 and <a href="#">Chapter 7</a>, last updated 29 September 2016. <a href="https://www.gov.uk/government/collections/immunisation-against-infectious-disease-the-green-book">https://www.gov.uk/government/collections/immunisation-against-infectious-disease-the-green-book</a></li></ul> <b>General</b> <ul style="list-style-type: none"><li>• Health Technical Memorandum 07-01: Safe Management of Healthcare Waste. Department of Health 20 March 2013. <a href="https://www.gov.uk/government/publications/guidance-on-the-safe-management-of-healthcare-waste">https://www.gov.uk/government/publications/guidance-on-the-safe-management-of-healthcare-waste</a></li><li>• National Minimum Standards and Core Curriculum for Immunisation Training. Published February 2018. <a href="https://www.gov.uk/government/publications/national-minimum-standards-and-core-curriculum-for-immunisation-training-for-registered-healthcare-practitioners">https://www.gov.uk/government/publications/national-minimum-standards-and-core-curriculum-for-immunisation-training-for-registered-healthcare-practitioners</a></li><li>• NICE Medicines Practice Guideline 2 (MPG2): Patient Group Directions. Published March 2017. <a href="https://www.nice.org.uk/guidance/mpg2">https://www.nice.org.uk/guidance/mpg2</a></li><li>• NICE MPG2 Patient group directions: competency framework for health professionals using patient group directions. Updated March 2017. <a href="https://www.nice.org.uk/guidance/mpg2/resources">https://www.nice.org.uk/guidance/mpg2/resources</a></li><li>• PHE Immunisation Collection <a href="https://www.gov.uk/government/collections/immunisation">https://www.gov.uk/government/collections/immunisation</a></li><li>• PHE Vaccine Incident Guidance <a href="https://www.gov.uk/government/publications/vaccine-incident-guidance-responding-to-vaccine-errors">https://www.gov.uk/government/publications/vaccine-incident-guidance-responding-to-vaccine-errors</a></li><li>• Protocol for ordering storage and handling of vaccines. April 2014. <a href="https://www.gov.uk/government/publications/protocol-for-ordering-storing-and-handling-vaccines">https://www.gov.uk/government/publications/protocol-for-ordering-storing-and-handling-vaccines</a></li></ul>
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## 7. Practitioner authorisation sheet

**MenACWY Risk Groups PGD v02.00 Valid from: 01/03/2019 Expiry: 28/02/2021**

Before signing this PGD, check that the document has had the necessary authorisations in section two. Without these, this PGD is not lawfully valid.

### Practitioner

By signing this patient group direction you are indicating that you agree to its contents and that you will work within it.

Patient group directions do not remove inherent professional obligations or accountability.

It is the responsibility of each professional to practise only within the bounds of their own competence and professional code of conduct.

I confirm that I have read and understood the content of this Patient Group Direction and that I am willing and competent to work to it within my professional code of conduct.			
Name	Designation	Signature	Date

### Authorising manager

I confirm that the practitioners named above have declared themselves suitably trained and competent to work under this PGD. I give authorisation on behalf of the following organisation .....for the above named health care professionals who have signed the PGD to work under it.			
Name	Designation	Signature	Date

### Note to authorising manager

Score through unused rows in the list of practitioners to prevent practitioner additions post managerial authorisation.

This authorisation sheet should be retained to serve as a record of those practitioners authorised to work under this PGD.