

## Community Pharmacy: Public Health Service Provision of prophylactic antipyretic (paracetamol) following the Meningococcal Group B vaccine; and other childhood vaccinations

### Summary

1. This circular provides further detail on the provision of prophylactic antipyretic (paracetamol) in advance of or following childhood Meningococcal Group B (MenB) vaccine and other childhood vaccinations, where clinically indicated or appropriate, under the Public Health Service (PHS) available through community pharmacy.
2. This circular provides:
  - a *Guidance Note* for pharmacists and their staff for the provision of prophylactic paracetamol suspension for the prevention of post immunisation fever following administration of the MenB vaccination (**Annex A**);
  - the *Service Specification* for the provision of prophylactic paracetamol suspension for the prevention of post immunisation fever following administration of the MenB vaccination (**Annex B**); and
  - the national Patient Group Direction (PGD), for the provision of paracetamol oral suspension for prevention of post immunisation fever following administration of the MenB vaccination (**Annex C**).

### Background

3. NHS Circular PCA (P) (2015) 20 advised of the imminent introduction of the provision of prophylactic antipyretic (paracetamol) in advance of or following childhood MenB vaccination and other childhood vaccinations, as clinically appropriate, under the Public Health Service (PHS) available through community pharmacy.

28 September 2015

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### Addresses

#### For action

Chief Executives, NHS Boards

#### For information

Chief Executive, NHS NSS

Director of Practitioner  
Services, NHS NSS

NHS Directors of Pharmacy

NHS Directors of Finance

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4. Fever is a common side-effect when infants are given the MenB vaccine with other routine childhood vaccines.
5. The Joint Committee on Vaccination and Immunisation (JCVI) has therefore recommended that paracetamol should be given **prophylactically** when the MenB vaccination is given with the routine vaccines in infants under one year of age, to prevent or reduce fever.
6. The JCVI statement about Meningococcal Group B disease and the Men B vaccine is available at: <https://www.gov.uk/government/publications/meningococcal-b-vaccine-jcvi-position-statement>

### Payment Arrangements

7. Payment arrangements are notified in NHS Circular PCA (P) (2015) 26 detailing *Pharmaceutical Services Amendments to Drug Tariff in respect of Remuneration Arrangements from 1st October 2015*.
8. **Section 11, Annex A** of the above Circular advises of a new monthly payment of **£40** to be introduced with effect from October 2015 dispensings under the ***Patient Service element of Public Health Service (PHS) (Support for Meningitis B vaccination programme)***

### Other Childhood Vaccinations

9. For the purpose of clarity, contractors should no longer register infants with the Minor Ailment Service (MAS) for the purpose of supplying prophylactic paracetamol following the MenB vaccination or any other childhood vaccinations. **Contractors should be aware that MAS is not intended for this purpose.**
10. Therefore, as well as supporting the MenB programme, contractors may use this patient service element of the Public Health Service, **where it is clinically indicated or appropriate**, for the supply of prophylactic paracetamol for the prevention of post vaccination fever **for other childhood vaccination**. In these instances the **licensed doses should be used as the PGD is for MenB prophylaxis only.**
11. Whilst no new infant should be registered for MAS for the purpose of supplying prophylactic paracetamol, there is no requirement to discontinue any existing registrations, which should, however, lapse if the patient does not present for any other conditions covered by MAS within 12 months.
12. **It should be noted the MenB vaccination, given at the same time as other routine childhood vaccines, is the only circumstance in which routine prophylaxis is recommended.**

### Consultation

13. Community Pharmacy Scotland has been consulted on the content of this circular.

**Action**

14. **NHS Boards are asked to:**

- **note the provision prophylactic paracetamol suspension for the prevention of post immunisation fever via the extended PHS;**
- **copy this Circular to all community pharmacy contractors on their local lists and GP Practices; and**
- **copy this circular to Community Health Partnerships and the Area Pharmaceutical Committee for information.**

Yours sincerely

A handwritten signature in cursive script, appearing to read 'Rose Marie Parr'.

**Rose Marie Parr**  
Chief Pharmaceutical Officer  
Deputy Director Healthcare Quality & Strategy

## PROPHYLACTIC PARACETAMOL PROVISION FOR THE PREVENTION AND TREATMENT OF FEVER POST IMMUNISATION AGAINST MENINGOCOCCAL GROUP B DISEASE

### Background

1. Immunisation against meningococcal serogroup B disease (MenB) has been added to the childhood immunisation programme as part of the routine schedule from 1 September 2015. Bexsero® is the recommended vaccine for the routine childhood immunisation programme. This guidance provides advice for pharmacists to help them understand the requirement for use of paracetamol with the MenB vaccine and the Scottish arrangements around its provision.

### Situation

2. The Summary of Product Characteristics (SPC) for Bexsero® states infants are at an increased risk of fever when the vaccine is administered at the same time as other routine childhood vaccinations.
3. Given that fever has been a common adverse reaction in trials of Bexsero®, the Joint Committee on Vaccination and Immunisation (JCVI) has recommended that paracetamol should be given **prophylactically** when Bexsero® is given with the routine vaccines in infants under one year of age.
4. Three 2.5ml doses of infant paracetamol suspension 120mg/5mL should be given orally, with the first dose provided at the same time as or as soon as possible after vaccination, and two subsequent doses at intervals of four to six hours.

### Assessment

5. In Scotland it has been agreed that community pharmacists will provide a supply of infant paracetamol oral suspension 120mg/5ml for the prevention of post vaccination fever childhood MenB vaccination as a new component of the Public Health Service.
6. The supply will be available to any infant under **one year of age** in advance of or after receiving Bexsero® vaccine.
7. The updated advice that three 2.5ml doses of infant paracetamol suspension 120mg/5ml should be given prophylactically is a change to previous advice where the prophylactic use of paracetamol has not been routinely recommended following immunisation.
8. In addition when given to infants of 2 months, the recommended dose regimen of paracetamol of three doses exceeds the current post-immunisation licensing restriction on Pharmacy (P) and General Sales List (GSL) paracetamol products, which advise a *maximum* of two doses.

9. The Commission on Human Medicines (CHM) has been consulted on this matter and is fully supportive of the JCVI's recommendation to use three doses of paracetamol post-immunisation with MenB vaccine up to 48 hours following immunisation to manage post-immunisation fever in those aged two months old.
10. This recommendation is based on the likelihood that fever is due to immunisation rather than serious infection. **Parents and guardians should be advised that this advice does not extend to fever at any other time and in a situation where an infant is otherwise unwell they should not seek delay seeking medical attention.**
11. The CHM has recommended that the Patient Information Leaflets (PILs) in infant paracetamol oral suspension products should be updated to reflect the JCVI advice in due course.
12. Given the current discrepancy between information in the PIL or on the packaging of infant paracetamol suspension products currently available and the updated advice it is likely that pharmacists and other healthcare professionals will be asked for advice on the appropriate use of prophylactic paracetamol. **It is important therefore that responses to such requests provide the correct, appropriate, clear and updated advice.**

### **Recommendations and Advice**

13. Before or after infants have been vaccinated with the Bexsero® vaccine, their parents/representatives/guardians will be advised to attend their local community pharmacy where they will be provided with a supply of infant paracetamol oral suspension 120mg/5ml and a 2.5ml syringe.
14. They should, wherever possible, provide confirmation of MenB vaccination **by presenting the infant's 'Personal Child Health Record' booklet.**
15. Pharmacists should advise parents to give a **2.5ml dose** to the child **at the same time as or as soon as is possible** after the vaccine is administered, and to give **two further doses at 4-6 hourly intervals.**
16. Parents and guardians should be advised that **this advice does not extend to fever at any other time and in a situation where an infant is otherwise unwell they should not seek delay seeking medical attention.**
17. The national Patient Group Direction (PGD) for the prophylactic provision of infant paracetamol suspension will be used to underpin the supply until the advice on corresponding SPCs and PILs for the products have been updated.
18. It should be noted that the national PGD is not intended to replace GP prescribing (or supply) of prophylactic paracetamol, but to support the overall smooth running of the MenB programme. Both arrangements will remain in place to provide flexibility of delivery, for example in remote and rural areas where the community pharmacy option may not be available.
19. Further details regarding the introduction of MenB immunisation for infants are available at Scottish Health on the Web: [http://www.sehd.scot.nhs.uk/cmo/CMO\(2015\)11.pdf](http://www.sehd.scot.nhs.uk/cmo/CMO(2015)11.pdf)

**PUBLIC HEALTH SERVICE**

*Patient Service element of Public Health Service (Support for Meningitis B vaccination programme)*

**MENINGOCOCCAL GROUP B (MENB) VACCINATION PROGRAMME:  
PROVISION OF PROPHYLACTIC PARACETAMOL SUSPENSION FOR THE  
PREVENTION OF POST IMMUNISATION FEVER****SERVICE SPECIFICATION****1. Service aim**

- 1.1 To provide, where clinically indicated, a free supply of infant paracetamol oral suspension 120mg/5mL for prophylactic pyrexia relief in advance of or following childhood Meningococcal Group B (MenB) vaccination.

**2. Service outline and standards**

- 2.1 The supply of infant paracetamol suspension 120mg/5mL for prophylactic pyrexia is available to any infant under one year of age scheduled to receive or after receiving Bexsero® Men B vaccine.
- 2.2 Initially the supply will be underpinned by the Patient Group Direction (PGD) for the prophylactic provision of infant paracetamol suspension until the Patient Information Leaflet (PIL) has been updated.
- 2.3 Before or post vaccination the parent/patient representative/guardian will present at the community pharmacy and, wherever possible, provide confirmation of MenB vaccination **by presenting the infant's 'Personal Child Health Record' booklet.**
- 2.4 The pharmacist provides a supply of infant paracetamol suspension 120mg/5mL according to the PGD and a 2.5ml oral syringe. The product should be labelled with the following instructions:
  - i. **Give a 2.5ml dose orally at the same time as, or as soon as possible after vaccination,**
  - ii. **a second 2.5ml dose four to six hours after the first dose, and**
  - iii. **a third 2.5ml dose after a further four to six hours.**
- 2.5 The pharmacist records the supply on a CPUS form following the procedure set out in section 3.
- 2.6 The pharmacist maintains a record for each supply and may be required to share information with appropriate parties in line with confidentiality protocols. **Wherever possible the infant should be identified using their CHI number.**
- 2.7 The pharmacist ensures that the parent/patient representative/guardian is counselled appropriately **including the updated advice on the use of prophylactic paracetamol and any possible initial discrepancy between information in the Patient Information Leaflet (PIL) or on the packaging of infant paracetamol suspension products.**

2.8 The service is provided according to any required regulatory and professional standards.

### 3. Service Procedure

3.1 The pharmacist follows the procedure detailed below:

<b>Step 1</b>	The pharmacist consults with the parent/representative/guardian and, wherever possible, provides confirmation of MenB vaccination by presenting the infant's 'Personal Child Health Record' booklet.
<b>Step 2</b>	<p>The pharmacist provides a supply of infant paracetamol suspension 120mg/5mL according to the PGD and a 2.5ml oral syringe.</p> <p>The supply is recorded in the infant's patient medication record (PMR) and the product is labelled with the following instructions:</p> <ul style="list-style-type: none"> <li>(i) Give a 2.5ml dose orally <b>at the same time as or as soon as possible</b> after vaccination,</li> <li>(ii) a second 2.5ml dose four to six hours after the first dose, and</li> <li>(iii) a third 2.5ml dose after a further four to six hours.</li> </ul>
<b>Step 3</b>	<p>The supply is recorded on a CPUS form and an endorsement of MVP included before the product name. For example:</p> <p style="text-align: center;"><b>“MVP infant paracetamol suspension S/F 120mg/5mL”</b></p>
<b>Step 4</b>	The pharmacist counsels the parent/patient representative/guardian appropriately including the <b>updated advice on the use of prophylactic paracetamol and any possible initial discrepancy between information in the Patient Information Leaflet (PIL) or on the packaging of infant paracetamol suspension products.</b>
<b>Step 5</b>	The CPUS form is submitted to PSD as usual.
<b>Step 6</b>	The pharmacy contractor receives reimbursement for the infant paracetamol suspension supply using the Part 7 Drug Tariff price as per normal payment processes.
<b>Step 7</b>	The pharmacy contractor receives payment for remuneration for the service (based on the MVP endorsement) as per normal payment processes.
<b>Step 8</b>	<p>In the case of an actual or suspected adverse drug reaction the pharmacist will consider whether there is a requirement to <b>report the reaction to the Medicines and Healthcare products Regulatory Agency (MHRA) through the Yellow Card reporting mechanism.</b></p> <p>All employed pharmacists, pharmacy technicians and locums <b>should undertake, with certificate of completion, the six interactive e-learning modules on ADRs</b> developed by NES and the Yellow Card Centre Scotland. <b>Section 1, Annex A</b> of PCA (P) (2015) 26</p>



**NATIONAL PATIENT GROUP DIRECTION FOR SUPPLY OF  
PARACETAMOL ORAL SUSPENSION 120 mg/5ml FOR PREVENTION  
OF POST IMMUNISATION FEVER FOLLOWING ADMINISTRATION OF  
MENINGOCOCCAL GROUP B VACCINE (BEXSERO®) BY AUTHORISED  
COMMUNITY PHARMACISTS WORKING IN SCOTLAND**

**IT IS THE RESPONSIBILITY OF THE INDIVIDUAL TO ENSURE THEY ARE USING THE MOST UP TO  
DATE PGD**

**Authorisation**

**Developed on** behalf of NHS Scotland by NHS National Services Scotland (Health Protection Scotland) by:

Physician      Dr Syed Ahmed      Signature 

Pharmacist      Mr William Malcolm      Signature 

Authorised for use on behalf of NHS \_\_\_\_\_ by

Medical Director \_\_\_\_\_ Signature \_\_\_\_\_

Senior Pharmacist \_\_\_\_\_ Signature \_\_\_\_\_

Clinical Governance \_\_\_\_\_ Signature \_\_\_\_\_  
Lead

Date Approved \_\_\_\_\_

Effective From \_\_\_\_\_ Expires \_\_\_\_\_

**PATIENT GROUP DIRECTION FOR SUPPLY OF  
PARACETAMOL ORAL SUSPENSION 120mg/5ml FOR  
PREVENTION OF POST IMMUNISATION FEVER FOLLOWING  
ADMINISTRATION OF MENINGOCOCCAL GROUP B VACCINE  
(BEXSERO®) BY AUTHORISED COMMUNITY PHARMACISTS  
WORKING IN SCOTLAND**

(Approved September 2015 - Review Date October 2017)

<b>GENERAL POLICY</b>
<b>PATIENT GROUP DIRECTION FOR SUPPLY OF PARACETAMOL ORAL SUSPENSION 120mg/5ml FOR PREVENTION OF POST IMMUNISATION FEVER FOLLOWING ADMINISTRATION OF MENINGOCOCCAL GROUP B VACCINE (BEXSERO®)</b>
<b>PATIENT GROUP DIRECTION- SIGNED APPROVAL</b>

## GENERAL POLICY FOR COMMUNITY PHARMACIST SUPPLYING

### PARACETAMOL ORAL SUSPENSION 120mg/5ml FOR PREVENTION OF POST IMMUNISATION FEVER FOLLOWING ADMINISTRATION OF MENINGOCOCCAL GROUP B VACCINE (BEXSERO®)

Immunisation against meningococcal serogroup B disease (MenB) has been added to the childhood immunisation programme as part of the routine schedule from 1 September 2015. Bexsero® is the recommended vaccine for the routine childhood immunisation programme.

The Summary of Product Characteristics (SPC) for Bexsero® states infants are at an increased risk of fever when the vaccine is administered at the same time as other routine childhood vaccinations. Given that fever has been a common adverse reaction in trials of Bexsero®, the Joint Committee on Vaccination and Immunisation (JCVI) has recommended that paracetamol should be given prophylactically when Bexsero® is given with the routine vaccines in infants under one year of age. Three 2.5mL doses of infant paracetamol suspension 120mg/5mL should be given orally, with the first dose provided as soon as possible after vaccination, and two subsequent doses at intervals of four to six hours.

In Scotland it has been agreed that community pharmacists will provide a supply of infant paracetamol oral suspension 120mg/5mL for prevention of post immunisation fever following childhood MenB vaccination as a new component of the Public Health Service. The supply will be available to any infant under **one year of age** scheduled to receive Bexsero® vaccine.

The parent/carer must be appraised of the need for them to provide medical information to allow the pharmacist to make an informed assessment of the suitability of the infant to receive paracetamol.

#### Accredited Pharmacists

Paracetamol oral suspension 120mg/5ml for prevention of fever following vaccination with MenB vaccine may **only** be supplied by an accredited pharmacist. Medicine counter staff must be trained to refer each request for paracetamol oral suspension for prevention of fever following vaccination with MenB vaccine to that pharmacist.

#### Approved Premises

The service can only be provided in an approved pharmacy, which must have a suitable area for consultation with patients. This should be a consultation room (or quiet area within the pharmacy if a room is not available).

#### Indemnity

The pharmacist must ensure that the organisation that provides their professional indemnity has confirmed that this activity will be included in their policy.

## **Patient Confidentiality**

General Medical Council statement:

*“Patients are entitled to expect that the information about themselves or others which a doctor learns during the course of a medical consultation, investigation or treatment, will remain confidential.*

*Any explicit request by a patient that information should not be disclosed to particular people, or indeed to any third party, must be respected save in the most exceptional circumstances, for example where the health, safety or welfare of someone other than the patient would otherwise be at serious risk”*

Pharmacists *and their staff* must respect this duty of confidentiality and information should not be disclosed to any third party without the client’s consent.

## **Clinical Support**

The accredited pharmacist will not be working in isolation and must feel confident to refer to other sources of information and the patient’s GP.

## **Adverse Drug Reaction (ADRs)**

Healthcare professionals and carers are encouraged to report suspected adverse reactions to the Medicines and Health Products Regulatory Agency (MHRA) using the Yellow Card reporting scheme on <http://yellowcard.mhra.gov.uk>

**PATIENT GROUP DIRECTION FOR SUPPLY OF PARACETAMOL ORAL SUSPENSION  
120mg/5ml FOR PREVENTION OF POST IMMUNISATION FEVER FOLLOWING  
ADMINISTRATION OF MENINGOCOCCAL GROUP B VACCINE (BEXSERO®) BY  
AUTHORISED COMMUNITY PHARMACISTS**

Indication	Prevention of post immunisation fever following administration of meningococcal group B (MenB) vaccine (Bexsero®)
Inclusion Criteria	<p>Infants under 12months of age who are receiving primary doses of MenB vaccine at the same time as other routine vaccines. MenB vaccine will usually be given with other routine childhood immunisation at age 2 and 4 months.</p> <p>Most infants will be greater than two months of age when presenting for first dose of MenB vaccine but a small number may be under 8 weeks old. These children are included.</p>
Exclusion Criteria	<p>Infants 12 months of age or over.</p> <p>Infants receiving MenB vaccine at 12 month booster dose.</p> <p>Infant known to have hypersensitivity to paracetamol or any ingredient in the product. Pharmacists must check the marketing authorisation holder's summary or product characteristics for details of a particular brand's ingredients.</p> <p>Infant known to have impaired liver or kidney function.</p> <p>Infant known to have rare hereditary problems of fructose intolerance, glucose-galactose malabsorption or sucrase-isomaltase insufficiency.</p> <p>Infant known to weigh less than 3kg.</p>
Referral criteria	Pharmacists should refer patients to their GP when there is any uncertainty over the suitability of the infant to be given paracetamol.
Caution	If a very preterm infant (born <32 weeks gestation) presents for their first immunisation in primary care seek advice from GP or specialist on dose if required.
Action if patient declines	Advise about the risk of fever following vaccination with Bexsero® and how to manage this – see patient advice section.
Action if Included	Supply 100ml of paracetamol oral suspension 120mg/5ml
Action if excluded	Refer to GP

Details of treatment course	Drug name	Paracetamol
	Strength and form	Oral suspension 120mg in 5ml
	Route	Oral
	Legal status	General Sales List
	Dose(s)	60mg (2.5ml of 120mg/5ml oral suspension)
Treatment regime	<p>Three doses of paracetamol are required</p> <p>60mg (2.5ml of 120mg/5ml) as soon as possible after vaccination with Men B vaccine.</p> <p>A second 60mg dose 4-6 hours after the first dose and,</p> <p>a third 60mg dose after a further 4-6 hours later.</p> <p>Further doses at intervals appropriate to the age of the child may be administered in the period of up to 48 hours post vaccination if pyrexia persists</p>	
Is the use outwith the SPC?	<p>Yes.</p> <p>This PGD authorises prophylactic use of paracetamol following Men B immunisation. It advises three 60mg (2.5ml of 120mg/5ml) prophylactic doses are provided to infants post MenB vaccination and advises that infants developing a fever may be treated with paracetamol for up to 48 hours post immunisation.</p> <p>Paracetamol licences at the time of writing cover the treatment of pain and fever, not prophylaxis, and state that no more than two 60mg doses of paracetamol should be given to infants aged 2 to 3 months, without seeking the advice of a doctor or pharmacist.</p> <p>The Commission on Human Medicines (CHM) (May 2015), who advise ministers on the safety, efficacy and quality of medicinal products, has reviewed recommendations for prophylactic paracetamol doses following MenB vaccination with Bexsero®▼, as advised by the JCVI, and supports the recommendations. See below:</p>	

	<p><i>The Commission noted that the licences for infant paracetamol suspension currently state that no more than two doses of paracetamol should be given to children aged 2 to 3 months, without seeking the advice of a doctor or pharmacist. This limit was to ensure that fever which may be due to a serious infection in young infants is quickly diagnosed and treated.</i></p> <p><i>The Commission fully supported the JCVI recommendation to help reduce the risk of fever following vaccination with the meningitis B vaccine. Since fever up to 48 hours following the childhood vaccines would most likely be due to the vaccine rather than infection, the Commission was sufficiently assured that giving paracetamol within this time period would not significantly increase the risk of a serious infection being missed or pose a risk of toxicity. The Commission also recommended that the dosage schedule in the paracetamol licences be reviewed in relation to post-vaccination dosage.</i></p> <p>Note: The recommendation to use paracetamol described above relates only to its use following MenB vaccine when MenB vaccine is administered at the same time as other primary immunisations to infants under 12 months of age. In all other circumstances the manufacturer's instructions should be followed. For non-vaccine related fever the limit of two doses of paracetamol to children aged 2 to 3 months remains to ensure that fever which may be due to a serious infection in young infants is quickly diagnosed and treated.</p>
Drug Interactions	<p>The clinical significance of any drug interactions in relation to the short term use of paracetamol indicated in this PGD is likely to be minimal and does not contraindicate paracetamol use.</p> <p>Avoid concomitant use of other paracetamol-containing products.</p>
Side Effects	<p>In the event of severe adverse reaction individual should be advised to seek medical advice.</p> <p>Adverse effects of paracetamol are rare but hypersensitivity or anaphylactic reactions including skin rash may occur. Very rare cases of serious skin reactions have been reported.</p> <p>Parent/carer should be informed about the signs of serious skin reactions, and use of the paracetamol should be discontinued at the first appearance of skin rash or any other sign of hypersensitivity.</p> <p>For full details/information on possible side effects, refer to the marketing authorisation holder's SPC or current BNF for children.</p>
Advice and Support	<p>Advise parent/carer that the dosing advice on the purchased product and manufacturer's patient information leaflet will differ from the dosing advice recommended post MenB vaccination.</p> <p>Advise parent/carer when the subsequent dose is due: A second dose of 60mg (2.5ml paracetamol suspension 120mg/5ml) should be administered 4-6 hours after the initial dose.</p> <p>A third dose of 60mg (2.5ml paracetamol suspension 120mg/5ml) should be</p>

	<p>administered 4-6 hours after the second dose.</p> <p>After the third paracetamol dose some babies may still develop a fever or continue to be febrile. Fever in the 48 hours after vaccination can be managed with paracetamol at home if the infant is otherwise well.</p> <p>If the infant remains febrile 48 hours after immunisation medical advice should be sought to exclude other causes.</p> <p>If a fever develops parents/carers should keep the infant cool by making sure they don't have too many layers of clothes or blankets, and give them lots of fluids. If the baby is breast-fed, the best fluid to give is breast milk.</p> <p>Paracetamol may mask a fever due to other underlying causes such as systemic bacterial infection. Therefore parents/carers should not delay in seeking medical advice if they are concerned that their infant is otherwise unwell.</p> <p>Parents should be advised that these dosing recommendations are specific to paracetamol use in the 48 hours post MenB vaccination and the manufacturers dosage instructions should be followed at all other times.</p> <ul style="list-style-type: none"> <li>• Do not give more than 4 doses in any 24 hour period (3 doses for infants 1 to 3 months)</li> <li>• Leave at least 4 hours between doses.</li> <li>• Do not give anything else containing paracetamol while giving this medicine.</li> <li>• The parent/carer should be advised to seek medical advice in the event of an adverse reaction.</li> </ul> <p>Pharmacists should advise that if the if the infant has received paracetamol containing products within the last four hours before attending for vaccination then they should wait 4-6 hours before administering further doses of paracetamol.</p>
Informed Consent	<p>Parent/ carer must be informed that information relating to the supply of paracetamol under a PGD needs to be retained to ensure proper record keeping and patient safety.</p>
Records	<ul style="list-style-type: none"> <li>• Patient's name, address, date of birth;</li> <li>• Date supplied &amp; name of the pharmacist who supplied the medication;</li> <li>• Advice given to patient's parent or carer.</li> </ul>

References	<p>Pharmacist operating the PGD must be familiar with:</p> <p>Current edition of BNF and BNF for Children</p> <p>Marketing authorisation holder's Summary of Product Characteristics  <a href="https://www.medicines.org.uk/emc/">https://www.medicines.org.uk/emc/</a></p> <p>Department of Health (2006): Immunisation against Infectious Disease [Green Book] <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></p> <p>Immunisation against Infectious Disease [Green Book] chapter 22 Meningococcal <a href="https://www.gov.uk/government/publications/meningococcal-the-green-book-chapter-22">https://www.gov.uk/government/publications/meningococcal-the-green-book-chapter-22</a></p> <p>All relevant Scottish Government Health Directorate advice including the relevant CMO letter(s)  <a href="http://www.sehd.scot.nhs.uk/index.asp?category=9&amp;name=&amp;org=%25">http://www.sehd.scot.nhs.uk/index.asp?category=9&amp;name=&amp;org=%25</a></p> <p>'What to expect after immunisation leaflet'  <a href="http://www.immunisationscotland.org.uk/documents/6122.aspx">http://www.immunisationscotland.org.uk/documents/6122.aspx</a></p>

### Authorisation

These Patient Group Directions give authority for:

**(PRINT NAME of APPROVED PHARMACIST)**

To supply paracetamol oral suspension 120mg/5ml to clients for prevention of fever following administration of meningococcal group B (MenB) vaccine (Bexsero®)

**(PHARMACY)**

### Requirements for a participating pharmacist

- To have been accredited as an approved practitioner within this scheme
- To have been advised to have indemnity insurance
- To maintain clinical knowledge appropriate to their practice by attending relevant study days, courses and to make themselves aware of appropriate current literature
- To act as an approved practitioner within the terms of the Patient Group Direction and to supply accordingly
- To work in an approved registered pharmacy

**Authorising signature** \_\_\_\_\_ **Date:** \_\_\_\_\_

- I have received, read and fully understand my Health Board's policy on patient group directions
- I agree to act as an approved practitioner within the terms of the patient group direction and proforma and to supply accordingly
- I understand that by agreeing to act as an approved practitioner under the patient group direction I am adjusting my scope of professional practice

**Pharmacist's Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_