

Patient Group Direction

Supply of Amoxicillin by Community Pharmacists to Patients with an Exacerbation of COPD

Protocol Number 299 Version 7

Date protocol prepared: October 2022

Date protocol due for review: October 2024

Expiry date: October 2025

This patient group direction must be signed by all health care professionals involved in its use. NHS Forth Valley should hold the original signed copy. The PGD must be easily accessible in the clinical setting.

Organisation	NHS Forth Valley
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Job Title	Name	Signature	Date
Director of Nursing	Frances Dodd	Signed by Frances Dodd	24/4/23
Medical Director	Andrew Murray	Signed by Andrew Murray	2/4/23
Director of Pharmacy	Laura Byrne	Signed by Laura Byrne	25/4/23

This document authorises the supply of **amoxicillin** by appropriate practitioners to patients who meet the criteria for inclusion under the terms of the document.

Practitioners seeking to supply **amoxicillin** must ensure that they assess all clients to make sure they meet the criteria before supplying the product.

The purpose of this Patient Group Direction is to help patients by ensuring that they have ready access to a quality assured service which provides a timely, consistent and appropriate supply of **amoxicillin** for an **infective exacerbation of COPD**.

Signatures of those developing the Patient Group Direction

Job Title	Name	Signature	Date
Doctor	Scott Williams	Signed by Scott Williams	15/3/23
Pharmacist	Hollie Houghton	Signed by Hollie Houghton	29/12/22
Nurse			
Microbiologist (if appropriate)	Dr. Robbie Weir	Signed by Robbie Weir	5/1/23
Paediatrician (if appropriate)	NA		

Approval from Patient Group Directions Group

Group	Chair	Signed on behalf of group	Date
Patient Group Directions Group	Laura Byrne	Signed by Laura Byrne	25/4/23

Lead Author responsible for updating change history:**Change history**

Version	Date	Summary of changes
7	31/10/2022	Exclusion section updated to include increased INR, increased breathing rate, long-term use of Azithromycin and symptoms of a severe exacerbation.
7	31/10/2022	Further advice section updated to include interacting medication.
7	31/10/2022	References updated to most recent versions

The following Patient Group Direction for Supply of Amoxicillin by Community Pharmacists to patients with an exacerbation of COPD may be used from the following business/practice:

Name:

Address:

YOU MUST BE AUTHORISED BY NAME, UNDER THE CURRENT VERSION OF THIS PGD BEFORE YOU ATTEMPT TO WORK ACCORDING TO IT

CLINICAL CONDITION

Indication	To allow Community Pharmacists to supply amoxicillin to patients with an infective exacerbation of Chronic Obstructive Pulmonary Disease (COPD)
Inclusion Criteria	Definite diagnosis of COPD Infective exacerbation characterised by development or increase in sputum purulence and one or more of the following <ul style="list-style-type: none"> - increase in shortness of breath - increase in sputum volume Patient has Forth Valley COPD “self-management plan” agreed with GP which allows for treatment from Community Pharmacist
Exclusion Criteria	<ul style="list-style-type: none"> • Known allergy to penicillins or cephalosporins • Pregnancy • Breast Feeding • Course of antibiotics within the last month with no resolution of symptoms • More than 2 supplies by community pharmacist in any 3 month period • Patient does not have Forth Valley COPD “self-management plan” at time of presentation • Increased breathing rate ≥ 20 breaths/min • Systemic inflammatory response syndrome criteria e.g. temperature greater than $>38^{\circ}\text{C}$, heart rate >90 beats per minute and other symptoms • Patient has an increased INR • Long term use of Azithromycin • Signs and symptoms of a severe exacerbation (e.g. new/worsening confusion, marked breathlessness/tachypnoea, new onset cyanosis/peripheral oedema, rapid symptom onset)
Caution/ Need for further advice	Warfarin therapy – Advise patient to contact GP Practice as soon as practical to arrange to have INR checked. Avoid concomitant use of Probenecid

	<p>Use with caution if the patient is taking:</p> <ul style="list-style-type: none"> • Allopurinol • Methotrexate • Tetracyclines • Oral typhoid vaccine • Anticoagulants • Muscle relaxants • Antibacterials
Action if Patient declines or is excluded	<p>Refer to PGD for Doxycycline if known allergy to penicillins or cephalosporins</p> <p>Refer patient to GP Practice or Out of Hours via Professional to Professional Line if patient excluded.</p>

DRUG DETAILS

Name, form & strength of medicine	Amoxicillin 500mg capsules
Legal Status	POM
Route/ Method	Oral
Dosage	500mg
Frequency	Three times a day
Duration of treatment	5 days
Maximum or minimum treatment period	
Quantity to Supply/ administer	15
Side Effects	<p>Most common side effects include diarrhoea and nausea.</p> <p>For a full list of side effects – refer to Summary of Product Characteristics. A copy of this must be available to the health professional supplying medication under this Patient Group Direction This can be accessed at www.medicines.org.uk</p> <p>Advise patient to contact GP or Community Pharmacist if they experience any adverse effects.</p> <p>All adverse reactions that are serious or result in harm should be reported to the MHRA through the Yellow Card Scheme http://yellowcard.mhra.gov.uk/</p>
Advice to patient/carer	<p>Warfarin therapy – Advise patient to contact GP Practice as soon as practical to arrange to have INR checked.</p> <p>Inform patients of possible side effects and their management.</p> <p>The Manufacturer Patient Information Leaflet should be given.</p>

	<p>Ensure patient is aware that if symptoms worsen or becomes systemically unwell then they should seek medical advice that day.</p> <p>If symptoms have not improved after 5 days treatment, then patients should be advised to seek further medical advice.</p> <p>Inform patient of possible side effects and their management and who to contact should they be troublesome.</p> <p>Advise patient of the importance of taking Amoxicillin regularly and completing the course.</p> <p>Patients should be informed who to contact should they experience an adverse drug reaction.</p>
Follow up	Patients not improving after a few days of starting antibiotic course or if any deterioration should be advised to contact GP or NHS 24 out of hours service.

STAFF CHARACTERISTICS

Qualifications	Pharmacist currently on the practising section of pharmaceutical register held by the General Pharmaceutical Council.
Specialist competencies or Qualifications	<p>Pharmacists must have the necessary competencies and training to use the PGD and be authorised to use the PGD by their Lead Pharmacist.</p> <p>Under PGD legislation there can be no delegation. Administration of Amoxicillin has to be by the same practitioner who has assessed the patient under the PGD.</p>
Continuing Training & Education	<p>Up to date knowledge in therapeutic area</p> <p>Other necessary training: Attendance at local training events on COPD.</p>

REFERRAL ARRANGEMENTS & AUDIT TRAIL

Referral arrangements	<p>Patients who are not improving or feel their condition is getting worse should seek urgent treatment from their GP practice or through NHS24 out of hours</p> <p>If symptoms have not improved after 5 days treatment, then patients should be advised to seek further medical advice.</p>
Records/audit trail	<p>A record of supply should be made on PMR and in the patient's self-management card which includes</p> <ul style="list-style-type: none"> • Name, strength, form and pack size of medicine supplied • Dose and route of administration • Date of supply and name of person making supply

	<ul style="list-style-type: none"> • Criteria satisfied for supply i.e. presenting symptoms. Advice given re side effects and follow up. <p>The medicine must be labelled in accordance with requirements detailed in the current version of Medicines, Ethics and Practice.</p> <p>The patient's GP must be notified that a supply has taken place within 72 hours of supply being made using the agreed pro-forma. The patient's GP must be informed if the patient experiences an adverse drug reaction.</p> <p>A computer or manual record of all individuals receiving a supply under this PGD should also be kept for audit purposes.</p> <p>Record "supplied via Patient Group Direction (PGD)"</p> <p>Any adverse events/incidents should be reported to the PGD group in addition to any existing pharmacy processes</p> <p>Records of supply should be kept for 8 years.</p>
Reference sources and comments	<ol style="list-style-type: none"> 1. Chronic Obstructive Pulmonary Disease. National clinical guideline on management of chronic obstructive pulmonary disease in over 16s: diagnosis and management. NG115. July 2019 2. Global Initiative for Chronic Obstructive Lung Disease. Global Strategy for Diagnosis, Management and Prevention of COPD. 2022 (www.goldcopd.com) 3. BNF – Current Edition 4. Summary of product characteristics

PATIENT GROUP DIRECTION AUTHORISATION DOCUMENT**Supply of Amoxicillin by Community Pharmacists for
the management of COPD working in Forth Valley
Community Pharmacies
Protocol Number 299 Version 7**

Individual Authorisation

This PGD does not remove inherent professional obligations or accountability

I _____ (please print in capitals), confirm that I have read and understood the above Patient Group Direction. I confirm that I have the necessary professional registration, competence, and knowledge to apply the Patient Group Direction. I will ensure my competence is updated as necessary. I will have ready access to a copy of the Patient Group Direction in the clinical setting in which the supply of the medicine will take place and agree to provide this medicine only in accordance with this PGD.

I understand that it is the responsibility of the pharmacist to act in accordance with the Code of Ethics for Pharmacists and to keep an up to date record of training and competency. I understand it is also my responsibility to ensure that all consultations with patients occur within a private and confidential area of the pharmacy.

I have read and fully understand the Patient Group Direction for the supply of Amoxicillin and agree to provide this medicine only in accordance with this PGD in NHS Forth Valley Community Pharmacies.

Name of Pharmacist (in block capitals) _____

GPhC Number _____ Employee Locum Relief Pharmacist

If you are a locum please provide a contact email address: _____

Normal NHS Forth Valley Pharmacy Location
(Please state contractor code)

Signature _____

Date _____

Note :

A copy of this agreement must be signed by each pharmacy practitioner who wishes to be authorised to use the PGD for Supply of Amoxicillin by Community Pharmacists working in Forth Valley Pharmacies.

Please return this page either by mail to Community Pharmacy Development Team, NHS Forth Valley Royal Hospital, Stirling Road, Larbert, FK5 4WR **OR** by email to fv.communitypharmacysupport@nhs.scot attaching a scanned / photographed image. A copy should be retained in each pharmacy premises you provide the service in.

