Pharmacy Programme of Resources

NHS Education for Scotland 2023

Introduction

NHS Education for Scotland (NES) is an education and training body and a national health board within NHS Scotland. We are responsible for developing and delivering healthcare education and training for the NHS, health and social care sector and other public bodies. We have a Scotland-wide role in undergraduate, postgraduate and continuing professional development.

NES Pharmacy provide education for trainee pharmacists, registered pharmacists and pharmacy technicians and the wider pharmacy teams across Scotland. We do this through organisation, development, delivery and quality management of educational programmes and professional development courses and resources.

In addition, we support the national experiential learning of student pharmacists in Scotland in partnership with Robert Gordon University, University of Strathclyde, and other stakeholders.

This document has been created to provide an overview of the wide range of resources that NHS Education for Scotland has developed to support the pharmacy workforce within Scotland.

You can access the resources and find more information on the programmes through our virtual learning environment – Turas Learn. If you do not have an account, you can register for an account through the Turas Learn registration page. If you have any issues accessing resources, please email – pharmacy@nes.scot.nhs.uk.

To keep up to date with all NES Pharmacy News and newly released resources you can register for our monthly mailings here – NES Pharmacy Monthly News.

Training programmes

Pharmacist Programmes

Preparation for Facilitation of Experiential Learning

Scottish pharmacy experiential learning is funded by the Scottish Government and organised in partnership between Robert Gordon University, the University of Strathclyde, NHS Education for Scotland (NES) and other pharmacy stakeholders.

NES Pharmacy supports experiential learning (EL) in Scotland by managing the financial governance of ACTp funding and providing Quality Management of EL, through training of facilitators and premises approval of training sites, on behalf of the universities.

Find out more about how we support EL for student pharmacists at the EL Website page or by contacting nes.elpharmacy@nhs.scot.

Foundation Training Year

NES Pharmacy manages the educational infrastructure for trainee pharmacists in Scotland through the Foundation Training Year (FTY) programme. The main components of the FTY programme include a centralised recruitment process, a standardised training programme and quality assurance of the national programme.

Find out more information at the Foundation Training Year (FTY) website page or by contacting nes.ftypharmacy@nhs.scot.

Post-registration Foundation Programme

NES Pharmacy manages the educational infrastructure for Post-Registration Foundation programme for newly qualified pharmacists in Scotland. The programme aims to equip pharmacists who are early in their career with a broad range of general skills and provide them with a foundation on which they can develop further. Since Autumn 2021, the programme has been aligned with the UK-wide Royal Pharmaceutical Society (RPS) Post-Registration Foundation pharmacist curriculum. For information about the Post-Registration Foundation programmes, click this link - Post-registration Foundation Programme (September 2021 onwards) or by contacting nes.pharmacistfp@nhs.scot.

Prescribing and Clinical Skills

NES Pharmacy supports Pharmacist Independent Prescribers (PIPs) within their training period, in implementation of their training into practice once they have qualified and those who are returning to prescribing practice. We commission places on Pharmacist Independent Prescribing courses run by both Schools of Pharmacy in Scotland each year. Pharmacists who practise in Scotland can also apply to NES Pharmacy for funding to undertake these courses. We provide support through clinical skills courses, teach and treat training hubs (in collaboration with Community Pharmacy Scotland and Health Boards).
Find out more information at the pharmacy prescribing and clinical skills website page or by contacting pharmacy@nes.scot.nhs.uk.

Pathway to Advanced Practice for Pharmacists working in GP Practice.

Pathway to Advanced Practice for Pharmacists working in GP practice is a programme for those newly established in primary care, who are wanting to work towards advanced practice. Cohorts start each autumn and include monthly peer-review and simulation opportunities. Interest should be noted through Health Board education and training leads. Further details about the course can be found on the GP Clinical Pharmacist webpage.

Pharmacy Technician Programmes

Pharmacy Technician Pre-registration Training Scheme

The introduction of funding in 2022 has allowed NES Pharmacy to develop structures and processes to implement a National Pre-registration Trainee Pharmacy Technician (PTPT) Scheme including the administration of Technical Apprenticeship (TA) funding from Skills Development Scotland, on behalf of NHS Boards.

Vocational Training Foundation Programme for Pharmacy Technicians (VTFPPT)

The Vocational Training Foundation Programme for Pharmacy Technicians has been developed in response to an existing gap in Pharmacy Technician education and development. The Foundation competency framework which underpins the programme has five generic core elements which enable Pharmacy Technicians working in hospital, community and primary care (including cross sector roles) to undertake a standardised foundation training programme. Additional role specific competencies allow the pharmacy technician to undertake development within their own sector allowing them to gain specialised experience. The programme aims to build in a progressive manner a common set of behaviours and skills required by all Pharmacy Technicians. It is designed to increase confidence, competence and capability. Pharmacy Technicians completing the programme will develop a systematic approach to practice within their defined roles. More information can be found on Turas Learn or by contacting nes.pharmacytechnicians@nhs.scot.

General Practice Learning Pathway (GPLP) for Pharmacy Technicians

NES Pharmacy has developed a Learning Pathway for Pharmacy Technicians working in General Practice. This pathway aims to support the delivery of the Pharmacotherapy service as outlined in the GMS 2018 Contract. The pathway also complements and provides additional guidance for those undertaking the Vocational Training Foundation Programme for Pharmacy Technicians.

Registration with NES is required to access the full Learning Pathway programme. The Learning Pathway programme will be run annually, and frequency will be reviewed in line with demand and resource. NHS Boards will be invited to nominate interested Pharmacy Technicians.

More information can be found on the following Turas learn page - General Practice Learning Pathway (GPLP) for Pharmacy Technicians or by contacting nes.pharmacytechnicians@nhs.scot.

Other Courses

Pharmacy Leadership

NES Pharmacy delivers two foundation level leaderships courses 'A Taste of Leadership (ToL)' and 'Develop Self Others and Service (SOS)' and one advanced level leadership course 'Taking the vision forward'. Find out more about our leadership courses and pathways here or by contacting pharmacy@nes.scot.nhs.uk

The Scottish Pharmacy Clinical Leadership Fellows scheme (SPCLF), which was launched in 2018, aims to support future pharmacy leaders and take forward strategic objectives to improve the pharmaceutical care of patients in Scotland. Find out more about the SPCLF programme on the Scottish Pharmacy Clinical Leadership Fellows page.

Pharmacy Return to Practice

The Return to Practice course has been designed to support pharmacists and pharmacy technicians, return to practice within Scotland. The resources available to support individuals return to practice consist of a suite of resources available on Turas Learn at the Pharmacy Return to Practice page. We are run a Return to Practice virtual one day course to support those who wish to link with other who are returning to practice. More information and to book onto the course can be found on the Pharmacy Return to Practice course page.

Resources

Key

Access level		Target audience	
1	Open to all healthcare staff in Scotland	**P**	Pharmacist*
2	Open to all registered Turas users	**PT**	Pharmacy Technician
3	Open to Pharmacy Turas users	**PS**	Pharmacy Support Staff
		O	Other Healthcare Practitioners

* Includes Trainee Pharmacists who can use their self-assessment template to identify relevant resources to help them achieve their FTY learning outcomes

Click on the resource name to take you to a description of the resource and links to the resources on Turas Learn

	Access	Target Audience	Assessment	Estimated time to complete	Format
Pharmacy services & Essential learning					
Community Pharmacy					
[Bridging contraception webinar](#)	3	P PT PS	✓	53 min	video
[CMS to MCR in General Practice](#)	2	O		17 min	video
[Community Pharmacy Emergency Naloxone Holding Service](#)	3	P PT PS	✓	3hr	e-learning
[Gluten-Free Food Service](#)	3	P PT PS	✓	1hr	e-learning
[Impetigo for NHS Pharmacy First Scotland](#)	3	P PT	✓	1hr	e-learning
[Medicines: Care and Review (eLearning)](#)	2	P PT PS	✓	1hr	e-learning

	Access	Target Audience	Assessment	Estimated time to complete	Format
Medicines: Care and Review (video)	2	P PT PS		41min	video
NHS Pharmacy First Scotland	2	P PT PS	✓	1hr	e-learning
NHS Scotland Smoking Cessation service	2	P PT PS	✓	1hr	e-learning
NHS Scotland Smoking Cessation Service - Improve your Smoking Cessation Skills	2	P PT PS		1hr	video
Overview of electronic claiming, endorsing and payment advice	3	P PT PS		22 min	video
Responding to rape and sexual assault in community pharmacies	3	P PT PS	✓	1hr	e-learning
Serial Prescribing	2	P PT PS		1hr	e-learning
Serial prescribing - Community Pharmacy quick reference guide	2	P PT PS		n/a	document
Serial prescribing - GP Practice quick reference guide	2	O		n/a	document

	Access	Target Audience	Assessment	Estimated time to complete	Format
Serial Prescribing Toolkit	2	P PT PS		n/a	document
Serial Prescriptions Old and New	2	P PT PS		20 min	video
Sexual Health for Community Pharmacy: Bridging contraception (BC)	3	P PT PS	✓	1.5hr	e-learning
Sexual Health for Community Pharmacy: Emergency Contraception (EC)	3	P PT PS	✓	1.5hr	e-learning
Shingles for NHS Pharmacy First Scotland	3	P PT	✓	1hr	e-learning
Skin Conditions Overview for NHS Pharmacy First Scotland	3	P PT PS	✓	1hr	e-learning
Skin infections for NHS Pharmacy First Scotland	3	P PT PS	✓	1hr	e-learning
Urinary Tract Infections (UTIs) for NHS Pharmacy First Scotland	3	P PT PS	✓	1hr	e-learning
General Practice / Primary Care Pharmacy					
Acute Prescription Requests in Primary Care	3	P PT PS O	✓	1hr	document

	Access	Target Audience	Assessment	Estimated time to complete	Format
Guidance For GP Practice Pharmacy Staff Recording in Patients' Clinical Records within NHS Scotland	2	P PT PS O		n/a	document
Medicines Reconciliation (Primary Care)	2	P PT PS O	✓	30 min	e-learning
Hospital Pharmacy					
Medical gases	2	P PT		1hr	video
Medicines reconciliation (Hospital)	2	P PT PS O	✓	30 min	e-learning
Pharmacy services (general)					
Adult support and protection : practice level 1 [informed]	2	P PT PS O		n/a	e-learning
Adult support and protection : practice level 2 [skilled]	2	P PT PS O		n/a	e-learning
Answering medicine related enquiries in practice	3	P PT		n/a	document
Care Home Pharmacy Resource	2	P PT PS O		n/a	webpage

	Access	Target Audience	Assessment	Estimated time to complete	Format
[Child protection : practice level 1 [informed]](#)	2	P PT PS O		n/a	e-learning
[Child protection : practice level 2 [skilled]](#)	2	P PT PS O		n/a	e-learning
[Clinical Trials](#)	2	P PT	✓	3hr	e-learning
[Environmental Issues in Respiratory Prescribing](#)	3	P PT		~1hr	video
[Good practice guidance: in writing clinical case notes](#)	3	P PT		n/a	document
[Information Governance for the Pharmacy Team](#)	2	P PT		1hr	e-learning
[Sustainability in Pharmacy](#)	3	P PT		~1hr	video
[Vaccines and immunisation](#)	2	P PT PS O		n/a	webpage

	Access	Target Audience	Assessment	Estimated time to complete	Format
Therapeutics and patient factors					
Cardiovascular					
Angina	2	P PT O	✓	1.5hr	e-learning
Anticoagulants	2	P PT O	✓	3hr	e-learning
Anticoagulation for Mechanical Heart Valves	2	P PT O		1hr 12 mins	video
Atrial Fibrillation	2	P PT O	✓	2.5hr	e-learning
Heart failure	2	P PT O	✓	2.5hr	e-learning
Hypertension	2	P PT O	✓	1.5hr	e-learning
Stroke	2	P PT O	✓	2hr	e-learning

	Access	Target Audience	Assessment	Estimated time to complete	Format
Endocrine					
[Diabetes](#)	2	P PT O	✓	3hr	e-learning
Infection					
[Antimicrobial Stewardship](#)	2	P PT O	✓	1hr	e-learning
[Hepatitis C Virus (HCV)](#)	2	P PT O	✓	2.5hr	e-learning
[Human Immunodeficiency Virus (HIV)](#)	2	P PT O	✓	2.5hr	e-learning
Learning disabilities					
[Learning disabilities](#)	3	P PT	✓	12hr	document
Mental health					
[Anxiety](#)	2	P PT O	✓	3hr	e-learning
[Bipolar Affective Disorder](#)	2	P PT O	✓	1.5hr	e-learning

	Access	Target Audience	Assessment	Estimated time to complete	Format
Dementia: The pharmaceutical care of people with	3	P PT O	✓	10hr	document
Depression	2	P PT O	✓	3hr	e-learning
Schizophrenia	2	P PT O	✓	3hr	e-learning
Paediatric pharmacy					
Paediatric Pharmacy	3	P PT		1hr each	e-learning
Pain					
Pain	2	P PT O	✓	3hr	e-learning
Palliative care					
Enhanced Palliative Care module	2	P PT O	✓	1.5hr	e-learning
Palliative care for pharmacy technicians	3	P PT PS	✓	3hr	document
Palliative care recordings	3	P PT		5-12 mins	video

	Access	Target Audience	Assessment	Estimated time to complete	Format
Palliative Care	3	P PT		1hr	e-learning
Respiratory					
Asthma	2	P PT O	✓	3hr	e-learning
Chronic obstructive pulmonary disorder (COPD)	2	P PT O	✓	3hr	e-learning
Substance misuse					
Substance Misuse: Alcohol	3	P PT		3hrs	document
Substance Misuse: Core Module	3	P PT		3hrs	document
Substance Misuse: The principal drugs used in Scotland and their associated risk	3	P PT		3hrs	document
Supplementary resources					
Cannabis-Based Products for Medicinal Use	2	P PT PS O		2hrs	e-learning
CPPE test results - case study	3	P PT		1hr each	e-learning

	Access	Target Audience	Assessment	Estimated time to complete	Format
Women's Health					
[Womens Health and HRT Interactive Webinar Recording](#)	3	P PT		2hr 15mins	recording
Common Clinical Conditions					
[Common Clinical Conditions](#)	3	P PT		n/a	webpage
[Common clinical conditions webinars](#)	3	P PT PS		~1 hr each	video
[Community Pharmacy Learning Together : Ear Conditions](#)	3	P PT		1hrs each	e-learning
[Community Pharmacy Learning Together : Sore throats](#)	3	P PT		2hrs	e-learning
Adverse Drug Reactions					
[Adverse drug reactions modules](#)	2	P PT PS O	✓	1hr each	e-learning

	Access	Target Audience	Assessment	Estimated time to complete	Format
Consultation skills					
[Consultation skills modules](#)	3	P PT O		1hr each	e-learning
[Introduction to Health Literacy](#)	2	P PT PS O		1hr	video
[NHS Near Me Webinar for Pharmacy Teams](#)	3	P PT		1.5hr	video
[Over-the-counter (OTC) consultations modules](#)	2	P PT PS O	✓	1hr each	e-learning
Clinical assessment skills and decision making					
[Clinical assessment skills videos](#)	3	P PT		4-12 mins each	video
[Clinical decision making modules](#)	2	P PT		1hr each	e-learning
[Clinical decision making : Reflect and discuss](#)	2	P PT		15 mins each	e-learning

	Access	Target Audience	Assessment	Estimated time to complete	Format
[Interpretation of blood results](#)	2	P PT O		3hrs each	e-learning

Career development/transition

Educational Supervision

	Access	Target Audience	Assessment	Estimated time to complete	Format
[Supervision Modules](#)	2	P PT PS O	✓	1hr each	e-learning
[Supervised learning events (SLEs) and Introduction to supervised learning events (SLEs)](#)	2	P PT PS O	✓	1hr each	e-learning

Independent Prescribing

	Access	Target Audience	Assessment	Estimated time to complete	Format
[Independent Prescribing support](#)	3	P	✓	3hrs	Page

Leadership

	Access	Target Audience	Assessment	Estimated time to complete	Format
[An Introduction to leadership recordings](#)	3	P PT		~10 mins each	video

Return to Practice

	Access	Target Audience	Assessment	Estimated time to complete	Format
[Return to Practice](#)	2	P PT			programme

Course details

Pharmacy services & Essential learning

Acute Prescription Requests in Primary Care

Aims to support pharmacy technicians and pharmacists who are new to GP practice in processing acute prescription requests.

Adult support and protection : practice level 1 [informed]

Adult Support and Protection is integral to the protection of human rights. Human rights are the basic rights and freedoms that we are all entitled to in order to live with dignity, equality and fairness. Protection matters because it means protecting people's right to live in safety, free from harm and any form of physical or emotional abuse or neglect is unacceptable. This informed level module provides information to promote the protection and wellbeing of adults at risk of harm.

Adult support and protection : practice level 2 [skilled]

Adult Support and Protection is integral to the protection of human rights. Human rights are the basic rights and freedoms that we are all entitled to in order to live with dignity, equality and fairness. Protection matters because it means protecting people's right to live in safety, free from harm and any form of physical or emotional abuse or neglect is unacceptable. This skilled level module is intended to support the recognition of adults at risk of harm and of the processes involved in adult support and protection.

Answering medicine related enquiries in practice

Aims to help you consider how to gather information and formulate an answer that will be evidence-based, relevant to the enquirer and focussed on improving patient outcomes.

Bridging contraception webinar

This video is a recording of the Bridging Contraception webinar which aimed to support the implementation Bridging contraception PGD, to provide short term contraception cover prior to accessing more effective longer-term contraception.

Care Home Pharmacy Resource

Aims to provide a range of resources and essential information for practitioner who provide pharmaceutical care in a care home setting.

Child protection : practice level 1 [informed]

Children in Scotland have the right to be cared for and protected from harm and grow up in a safe environment in which their rights and needs are respected. We all have a duty, individually and collectively, to protect children in our communities. This informed level module provides information to promote the protection and wellbeing of children.

Child protection : practice level 2 [skilled]

Children in Scotland have the right to be cared for and protected from harm and grow up in a safe environment in which their rights and needs are respected. We all have a duty, individually and collectively, to protect children in our communities. This skilled level module is to support those working with children and their families to recognise their role in child protection in a multi-agency context.

Clinical Trials

Aims to help pharmacy staff to meet the legal requirements to be able to provide evidence of up to date training in Good Clinical Practice. It is also intended to provide practical guidance on all aspects of involvement in clinical trials.

Community Pharmacy Emergency Naloxone Holding Service

These resources aim to provide pharmacy teams with the required knowledge to support the Community Pharmacy Emergency Naloxone Holding service. The resource consists of three e-learning modules as well as supporting information on the Turas page.

- Pharmacy Naloxone Service - Lesson 1 - Drug Related Deaths in Scotland
- Pharmacy Naloxone Service - Lesson 2 - Identifying an overdose
- Pharmacy Naloxone Service - Lesson 3 - Naloxone and its administration

CMS to MCR in General Practice

Video update on the Medicines: Care and Review service for GP Practices

Environmental Issues in Respiratory Prescribing

As we address many issues to assist NHS Scotland achieve net zero greenhouse gas emissions by 2040, much focus of attention has been turned toward respiratory prescribing. Approximately 3% of the carbon footprint of NHS Scotland results from the use of metered dose inhalers, with salbutamol accounting for two thirds of this. We know that there are lower global warming potential inhalers available, but we also know that there are opportunities to improve respiratory care which also has the potential to reduce the carbon footprint of respiratory prescribing. An overview of recommendations for improving respiratory care and reducing the global warming potential arising from inhaler prescribing will be presented with some practical suggestions for use in practice.

Gluten-Free Food Service

Aims to assist community pharmacists gain a general understanding of conditions requiring a gluten - free diet and provide them with the necessary information they need to deliver the service. Pharmacists are also encouraged to undertake other national training on this topic available from NES.

Good practice guidance for prescribing quantities

This document contains a list of suggested limits when prescribing 'as directed or 'when required' items, based on the most common or maximum doses.

[Good practice guidance: in writing clinical case notes](#)

This document has been developed, on behalf of the National Acute Pharmacy (NAPs) group within NHS Scotland, to provide clear guidance to hospital pharmacists in relation to recording within patients clinical case notes. The target audience is pharmacists working within the hospital sector.

[Guidance For GP Practice Pharmacy Staff Recording in Patients' Clinical Records within NHS Scotland](#)

This document has been developed based on the National Acute Pharmacy (NAPs) group resource, bu adapted for General Practice Pharmacy by Scottish Practice Pharmacy and Prescribing Advisors (SP3A) group. It is intended to provide clear guidance to pharmacists in relation to recording within patients clinical case notes. The target audience is pharmacists working within General Practice.

[Impetigo for NHS Pharmacy First Scotland](#)

Aims to support community pharmacy teams to in the management of impetigo. (Developed in collaboration with Robert Gordon University)

Information Governance for the Pharmacy Team

Aims to support pharmacy teams to provide services in accordance with good information governance practices. It has been developed to provide pharmacy context to supplement the learning from more generic information governance education resources, such as Information Governance - Safe Handling of Information and Information Governance - Information Handling in Practice.
This resource should used in conjunction with your local Health Board's and UK/EU government policies.

Introduction to Health Literacy

An introduction highlighting the need to ensure people understand health information to make informed choices and techniques to support their understanding, including Chunk & Check and Teachback.

Medical gases

Aims to introduce the different medical gases, their uses, and how they are managed in the hospital setting.

Medicines reconciliation (Hospital)

Aims to inform hospital-based healthcare professionals of the purpose of medicines reconciliation and the processes involved in updating an accurate list of medicines for all patients.

[Medicines Reconciliation (Primary Care)](#)

Aims to inform primary care healthcare professionals of the purpose of medicines reconciliation and the processes involved in updating an accurate list of medicines for all patients on their GP patient medication record (PMR).

[Medicines: Care and Review (eLearning)](#)

Aims to support the community pharmacy team to implement the Medicines: Care and Review service as part of the national community pharmacy contract.

[NHS Scotland Smoking Cessation service – Improve your Smoking Cessation Skills](#)

This webinar centred on practical support for pharmacy team members allowing you to feel better equipped to engage clients in their smoking quit attempts as part of delivering the pharmacy smoking cessation service across Scotland. You may be new to community pharmacy or new to delivering the service or just looking for some top tips.

[Overview of electronic claiming, endorsing and payment advice](#)

This video, which was developed by Community Pharmacy Scotland and NHS Services Scotland, gives Community Pharmacy contractors an overview and an understanding of electronic claiming, endorsing and payment advice. It should also help them to see how their dispensing and endorsing actions can directly impact their payment claims

Responding to rape and sexual assault in community pharmacies

Aims to provide guidance for pharmacists to help identify and respond to women who may be seeking Emergency Hormonal Contraception (EHC) following a sexual assault. It will help you to routinely ask women if they have experienced sexual assault and provide you with information to support them.

Serial Prescribing

Aims to support the community pharmacy team to implement serial prescribing as part of the Medicines: Care and Review (MCR) service as part of the national community pharmacy contract.

Serial prescribing - Community Pharmacy quick reference guide

Aims to support Community Pharmacy staff with the serial prescribing component of Medicines: Care and Review (MCR). (Developed in collaboration with Community Pharmacy IM&T facilitators)

Serial prescribing - GP Practice quick reference guide

Aims to support GP Practice staff with the serial prescribing component of Medicines: Care and Review (MCR). (Developed in collaboration with Community Pharmacy IM&T facilitators)

Serial Prescribing Toolkit

This strategy document describes several commitments and suggests actions to achieve the two priorities for pharmacy in Scotland as set out in "Achieving Excellence in Pharmaceutical Care: A strategy for Scotland" (improving NHS pharmaceutical care and enabling NHS pharmaceutical care transformation) through the implementation of the MCR directions which come into force on 12th February 2021

Serial Prescriptions Old and New

Video overview of serial prescribing in relation to Medicines: Care and Review service

Sexual Health for Community Pharmacy: Bridging contraception (BC)

Aims to support the whole pharmacy team to supply bridging contraception (BC) as part of the Community Pharmacy Public Health Service in Scotland.

Sexual Health for Community Pharmacy: Emergency Contraception (EC)

Aims to support the whole pharmacy team to supply emergency hormonal contraception (EHC) as part of the Community Pharmacy Public Health Service in Scotland.

Shingles for NHS Pharmacy First Scotland

Aims to support community pharmacy teams in the management of herpes zoster (shingles) infection in patients over 18 years of age in accordance with the National Patient Group Direction (PGD) for the supply of aciclovir tablets/dispersible tablets.

Skin Conditions Overview for NHS Pharmacy First Scotland

Aims to support community pharmacy teams to provide a service which allows patients access to treatment for different skin conditions. This resource is designed to supplement the individual e-learning modules for each of the specific skin conditions covered by national and local PGDs (e.g. impetigo, shingles, cellulitis, etc.). (Developed in collaboration with Robert Gordon University)

Skin infections for NHS Pharmacy First Scotland

Aims to support community pharmacy teams in the management of skin infections in patients over 18 years of age in accordance with the National Patient Group Direction (PGD) for the supply of flucloxacillin capsules/oral solution.

Sustainability in Pharmacy

Prof Sharon Pfleger shares the impact that pharmaceuticals can have upon our environment in terms of carbon emissions, environmental pollutants and the consequential impact on biodiversity.

Urinary Tract Infections (UTIs) for NHS Pharmacy First Scotland

Aims to support community pharmacy teams to provide a service which allows patients access to treatment for uncomplicated urinary tract infections (UTIs). (Developed in collaboration with Robert Gordon University)

Vaccines and immunisation

This is a link to the NES HPS vaccine and immunisation webpages, which contain up to date resource relating to this topic

Therapeutics and patient factors

Adverse drug reactions modules

These resource six modules provide a detailed overview of Adverse Drug Reactions (ADRs), their incidence and public health implications, for all healthcare practitioners.

Modules include:
- Module 1 – Basic principles of ADR
- Module 2 – Categorisation
- Module 3 – Drug allergy classification
- Module 4 – Diagnosis, interpretation & management
- Module 5 – Avoiding ADRs
- Module 6 – Pharmacovigilance

Angina

Aims to support pharmacists and pharmacy technicians working in General Practice deliver effective care for patients with angina.

Anticoagulants

Aims to support pharmacists to deliver effective pharmaceutical care for patients taking anticoagulants.

Anticoagulation for Mechanical Heart Valves

This is the recording of the webinar on 10th March 2022. A national patient safety alert (NPSA) has highlighted the significant risks associated with the inappropriate anticoagulation and monitoring of patients with mechanical heart valves.

This webinar aimed to provide prescribers and other healthcare professionals with an understanding of what mechanical heart valves are and how they differ from tissues valves, before explaining how to appropriately anticoagulate this complex patient group. We will discuss the benefits and risks of different therapeutic options with a specific focus on how to initiate patients on warfarin. We will also share a patients' experience to better understand the patient perspective.

Antimicrobial Stewardship

Aims to support pharmacy team to identify their role in safeguarding antibiotics.

Anxiety modules

Aims to help pharmacists and pharmacy technicians in delivering effective pharmaceutical care for patients with anxiety.

Asthma

Aims to help pharmacists, pharmacy technicians and nurses working in General Practice deliver effective care for patients with COPD, and to develop COPD services.

Atrial Fibrillation

Aims to support pharmacists and pharmacy technicians to provide pharmaceutical care for patients who have atrial fibrillation. It covers the methods used in the diagnosis of atrial fibrillation, as well as treatment goals, current drug treatments options and appropriate information to help patients understand the risks and benefits of treatment.

Bipolar Affective Disorder

Aims to help pharmacists and pharmacy technicians in delivering effective pharmaceutical care for patients with bipolar affective disorder.

Cannabis-Based Products for Medicinal Use

This module covers the legislative changes that have enabled cannabis-based products for medicinal use (CBPMs) to be prescribed for patients.

Chronic obstructive pulmonary disorder (COPD)

Aims to help pharmacists, pharmacy technicians and nurses working in General Practice deliver effective care for patients with COPD, and to develop COPD services.

Common Clinical Conditions

Aims to provide an overview of common clinical conditions and minor ailments which frequently present in the community pharmacy. The minor ailments considered in these Turas pages cover a wider range than those which can be treated within these services, but the aim is to encompass the majority of clinical conditions which may present to the community pharmacist, pharmacy technicians and other support staff. This pack is also intended as a support to community pharmacy teams who delivery services during out of hours. Each module aims to provide you with practical knowledge and skills, as well as relevant points or issues to reflect on during your daily practice.

Sections include:

- Central Nervous System
- Eyes, ears and oral health
- Gastrointestinal
- Infections and infestations
- Obstetrics, gynaecology and urinary tract infections
- Respiratory
- Skin

Community Pharmacy Learning Together : Ear Conditions

The aim of this resource is to give pharmacy teams the confidence to assess and manage sore throats in patient facing roles utilising clinical assessment, consultation and prescribing skills as necessary.

Community Pharmacy Learning Together : Sore throats

The aim of this resource is to give pharmacy teams the confidence to assess and manage sore throats in patient facing roles utilising clinical assessment, consultation and prescribing skills as necessary.

Common clinical conditions webinars

These videos are recordings of various common clinical conditions webinars which provide a broad overview of specific groups of conditions.

Webinars include

- Management of conjunctivitis and other minor eye conditions (with Stanley Keys)
- Pharmacy Management of Skin conditions (with Scott Jamieson)
- Pharmacy Management of Winter Illness (with Scott Jamieson)

CPPE test results - case study

These e-learning case studies, developed by CPPE, complements the 'Interpretation of blood results' modules and is designed to prepare pharmacists for similar or related cases that they may face in their own practice.

Cases include:

- Acute kidney injury
- Bacterial infection
- Drug-induced liver injury
- Iron deficiency anaemia
- Primary hyperthyroidism

Dementia: The pharmaceutical care of people with

Aims to meet the education and training needs of pharmacists and pharmacy technicians who deliver services to people with a diagnosis of dementia, their families and carers. The pack is organised into six main sections. The first three sections focus on the subtypes of dementia, the risk factors and early signs, the screening and diagnostic processes. Sections 4 and 5 cover living with dementia, from the early stages, throughout the progression to requiring more help and support. The final section focuses on symptoms most often (but not exclusively) associated with the later stages of dementia, end of life care and dying well. There are various activities throughout the pack as well as several case scenarios with a pharmaceutical care plan being developed as the patient journey proceeds.

Depression

Aims to help pharmacists and pharmacy technicians in delivering effective pharmaceutical care for patients with depression.

Diabetes

Aims to give pharmacists a basic knowledge and understanding of the diagnosis and treatment of patients with type 1 and type 2 diabetes mellitus in Scotland.

Enhanced Palliative Care module

This is a Palliative Care module designed to complement the Scottish Palliative Care Guidelines and the Enhanced Palliative Care course. This module provides information on palliation of symptoms using a case study, selected parts of the Scottish Palliative Care Guidelines and knowledge checks. The overall objective is to understand the journey of a patient with palliative care needs. This module would be appropriate for GPs, Secondary Care Doctors, Trainee Doctors, Specialist Nurses, paramedics and pharmacists.

Heart failure

Aims to support pharmacists to deliver effective pharmaceutical care to patients with heart failure.

Hepatitis C Virus (HCV)

Aims to support pharmacists deliver effective pharmaceutical care for patients with hepatitis C.

Human Immunodeficiency Virus (HIV)

Aims to provide an overview of Human Immunodeficiency Virus. It includes, infection and transmission, monitoring and treatment, adherence and resistance and drug interactions.

Hypertension

Aims to help pharmacists deliver effective pharmaceutical care for patients with hypertension and to develop hypertension services.

Learning disabilities

Aims to assist pharmacists and pharmacy technicians, whatever setting they work in to deliver high quality pharmaceutical care to people with learning disabilities, their relatives and carers. It highlights the specific health needs of people with learning disabilities while providing you with many additional sources of useful information. The pack is organised into ten main sections. The first two sections focus on the definition, classification and possible causes of learning disability and the key policies and legal safeguards in place. Further sections discuss the various challenges encountered as well as the physical and mental health issues that people with learning disabilities experience. The final two sections focus on Autism Spectrum Disorders and Attention Deficit Hyperactivity Disorder. The target audience is pharmacists and pharmacy technicians. There are various activities listed throughout the pack including case studies, descriptive examples, exercises and practice points.

Paediatric Pharmacy

These modules provide additional pharmaceutical guidance relating to specific conditions and issues related to paediatric patients. Modules include:

- Introduction to paediatric pharmaceutical care
- Medication and its forms
- Pregnancy and the first month of life
- Information sources
- Childhood issues
- Diabetes
- Epilepsy & Attention Deficit & Hyperkinetic Disorders
- Gastrointestinal
- Nutrition
- Pain and Sedation
- Respiratory

Pain

Aims to help learner to understand the impact of pain and think differently about how you can support someone to help manage their pain. There is a focus on chronic pain although acute pain will be discussed. It will cover defining, assessing and differentiating between different types of pain; pharmacological and non-pharmacological options to support pain management; key considerations of a pain medication review and more. It will help you develop an understanding of local referral pathways and resources, and identify which of your patients would benefit from a pain medication review.

Palliative care

This resource will help to support pharmacy team members who are working with palliative care patients and their families/carers. The resource comprises of case studies, designed to highlight palliative care issues which may be encountered in daily pharmacy practice. Commonly used palliative care reference sources are highlighted throughout the resource for further information.

Palliative care for pharmacy technicians

This resource was developed and reviewed by palliative care specialist pharmacy staff. It is aimed primarily for pharmacy technicians working in community, hospital and primary care settings but may be useful for other healthcare professionals working with patients with palliative care needs.

Palliative care recordings

These seven webcasts were developed by the NHS Greater Glasgow and Clyde Macmillan Pharmacy Service to support the provision of palliative care and improve prompt access to medication and pharmaceutical advice. The videos include:

- An introduction to palliative care (7 minutes)
- Community pharmacy palliative care network (12 minutes)
- Dispensing opioids and patient safety (12 minutes)
- Managing symptoms and side effects (12 minutes)
- Palliative care resources folder (8 minutes)
- Recognising and prioritising palliative care prescriptions (11 minutes)
- Signposting for patients (5 minutes)

Schizophrenia modules

Aims to help pharmacists and pharmacy technicians in delivering effective pharmaceutical care for patients with schizophrenia.

Stroke

Aims to support pharmacists in delivering effective pharmaceutical care for patients with stroke - the third most common cause of death in Scotland after coronary heart disease and cancer.

On completion of this course you should be able to define stroke and transient ischaemic attack (TIA) and describe the different types of stroke, recognise the signs and symptoms of stroke and the importance of quick and appropriate action, understand the risk factors for the different types of stroke and how to prioritise patients for primary prevention to minimise these risks, describe the pharmaceutical care in acute stroke and outline the basis of secondary prevention of stroke, describe the range of problems that stroke survivors may face and how to address them, and apply this knowledge in your area of practice to improve patient care.

Substance Misuse: Alcohol

Aims to outline the issues surrounding alcohol use in Scotland.

Substance Misuse: Core Module

Aims to help learners understand who they can improve pharmaceutical care and aid in the recovery of people who use or inject drugs.

Substance Misuse: The principal drugs used in Scotland and their associated risk

Aims to provide learners with an overview of the main drugs that are misused within Scotland and the risks that are associated with them.

[Women's Health and HRT Interactive Webinar Recording](#)

This is a recording of a webinar presented by Dr Scott Jamieson to support Pharmacy Teams. The webinar aims to support Pharmacy Teams with the aim of helping participants to understand, identify, and differentiate between common women's health conditions and understand their treatment. At a time when pharmacy professionals are receiving increasing queries from the public about HRT and menopause, participants will also gain insight into recommending/prescribing hormone replacement therapies.

Consultation skills

Consultation skills modules

This suite of e-learning modules, developed by CPPE, provide a detailed overview of consultation skills for pharmacists. The modules cover a range of settings and specific patient factors and clinical conditions.

Modules include:

- [Consultation skills – What good looks like Part 1](#) & [Consultation skills– What good looks like Part 2](#)
- [Consulting with children and young people](#)
- [Consulting with people with dementia](#)
- [Consulting with people with mental health problems](#)
- [Consulting with people with physical disabilities](#)
- [Dealing with difficult discussions](#)
- [Clinical history taking – what a good consultation looks like](#)
- [Remote consultations](#)

[NHS Near Me Webinar for Pharmacy Teams](#)

This is a recording from the webinar presented by Clare Morrison aims to provide an overview of NHS Near Me, NHS Scotland's video consulting service.

Over-the-counter (OTC) consultations modules

These three e-learning resources aim to support the whole pharmacy team to ensure effective management of over-the-counter (OTC) consultations. These modules were originally developed in response to the Which report which criticized the quality of OTC consultations in UK pharmacies.

Modules include:

- [Over-the-counter (OTC) consultations 1 : Effective management of OTC consultations](#)
- [Over-the-counter (OTC) consultations 2: Improving the quality of OTC consultations](#)
- [Over-the-counter (OTC) consultations 3 : Improving the quality of consultations for simple analgesics](#)

Clinical assessment skills and decision making

Clinical assessment skills videos

This series of videos, developed by CPPE, provide an overview of how to undertake and assess common clinical assessment skills

Skills include:

- Automated blood pressure
- Body temperature
- Heart rate (pulse)
- Manual blood pressure
- Observations of feet and legs
- Peak Expiratory Flow Rate
- Pulse Ox
- Respiratory rate
- Urinalysis

Clinical decision-making modules

This novel resource was developed to support General Practice Clinical Pharmacists (GPCPs) with making clinical decisions in practice. Written in a "choose your own adventure" format, you can test your decision-making skills in a series of patients, in different clinical scenarios.

Introductory Module – Introduction to clinical decision making

Scenarios include:

- Post myocardial infarction (MI)
- Type 2 diabetes
- Direct-acting oral anticoagulants (DOACs)

Clinical decision-making : Reflect and discuss

These clinical decision-making resources which are designed to help pharmacist prescribers develop their clinical decision-making skills by exploring and reflecting on their decision-making process.

When completing these modules, you will be presented with a series of different scenarios involving patients with a range of different conditions. Using the information available to you, you will be asked to consider and state what therapeutic choices you would make for each patient in relation to that condition.

There are 20 individual modules and supporting facilitator packs if these are completed in a group situation.

Interpretation of blood results

These modules have been developed to support pharmacists who are new to interpreting the most common and most useful tests that you will come across in your day to day practice.

These modules include:

- Introduction to interpretation of blood results
- Blood Glucose Management
- Coagulation
- Full Blood Count (FBC)
- Magnesium
- Inflammatory Markers
- Thyroid Function Tests (TFTs)
- Liver Function Tests (LFTs)
- Urate
- Urea and electrolytes (U&Es)

Career development/transition

An Introduction to leadership

This series video of four videos include an overview of leadership for pharmacists and pharmacy technicians. Content was provided by Richard Ellis, Leadership consultant and trainer.

- Introduction to leadership – Part 1
- An introduction to Leadership -– Part 2 - You as a leader
- An introduction to Leadership -– Part 3 - Communication
- An introduction to Leadership -– Part 4 - Conclusion

Independent Prescribing

This page aims to support pharmacists who are undertaking their Certificate in Independent Prescribing or have previously qualified as an independent prescriber but have not been utilising their qualification recently.

Return to Practice

This page has been developed to support pharmacists and pharmacy technicians who are Returning to Practice in NHS Scotland. It is aimed at people who may have left practice altogether, or who have been practising in another country and who want to learn about practice in Scotland.

Supervised learning events (SLEs) and Introduction to supervised learning events (SLEs)

These modules provide an overview of why we use supervised learning events (SLEs) at different stages in learning, and details of commonly used SLE's including what they are, why they are used and how to carry them out. These modules are suitable for all involved in SLE's whether they are acting as supervisors, collaborators or learners.

Modules include:

- [Introduction to supervised learning events (SLEs)](#)

- [Mini-clinical evaluation exercises (mini-CEX)](#)

- [Direct observation of practical skills (DOPS)](#)

- [Case-based discussions (CbDs)](#)

Supervision Modules

This series of e-learning module cover the core areas required for the role of supervising learners in the workplace. They are applicable to all supervisors in all educational programmes.

Modules include:

- [Introduction to supervising learners in the workplace](#)

- [Planning and organisation of supervision](#)

- [Giving effective feedback](#)

- [Coaching and mentoring](#)

- [Formative and summative assessment](#)

- [Constructive conversations with learners in practice](#)

- [Evaluating a portfolio of evidence](#)

This resource may be made available, in full or summary form, in alternative formats and community languages. Please contact us on **0131 656 3200** or email **altformats@nes.scot.nhs.uk** to discuss how we can best meet your requirements.

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