



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 has a variety of training to support Leadership development from Foundation through to Advanced levels.

Find out more about our leadership courses and resources on our [Pharmacy Leadership Training](#) Turas page 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		Pharmacist*
2	Open to all registered Turas users		Pharmacy Technician
3	Open to Turas users with pharmacy permissions		Pharmacy Support Staff
			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					
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 O	✓	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
Medicines: Care and Review (video)	2	P PT PS		41min	video

	Access	Target Audience	Assessment	Estimated time to complete	Format
NHS Pharmacy First Scotland	3		✓	1hr	e-learning
NHS Pharmacy Naloxone Emergency Supply Webinar	3			1hr. 14 mins	video
NHS Scotland Smoking Cessation service	2		✓	1hr	e-learning
NHS Scotland Smoking Cessation Service - Improve your Smoking Cessation Skills	2			1hr	video
Responding to rape and sexual assault in community pharmacies	3		✓	1hr	e-learning
Serial Prescribing	2			1hr	e-learning
Serial prescribing - Community Pharmacy quick reference guide	2			n/a	document
Serial prescribing - GP Practice quick reference guide	2			n/a	document
Serial Prescribing Toolkit	2			n/a	document

	Access	Target Audience	Assessment	Estimated time to complete	Format
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 PS	✓	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
Summer Health	3	P PT PS		1hr. 06 min	video
Update to EHC and Bridging Contraception Webinar	3	P PT PS	✓	1hr. 13mins	video
Urinary Tract Infections (UTIs) for NHS Pharmacy First Scotland	3	P PT PS	✓	1hr	e-learning

	Access	Target Audience	Assessment	Estimated time to complete	Format
General Practice / Primary Care Pharmacy					
Acute Prescription Requests in Primary Care	3	P PT PS O	✓	1hr	document
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

	Access	Target Audience	Assessment	Estimated time to complete	Format
Answering medicine related enquiries in practice	3	P PT		n/a	document
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	3	P PT	✓	3hr	e-learning
Good practice guidance: in writing clinical case notes	3	P PT PS		n/a	document
Information Governance for the Pharmacy Team	2	P PT PS		1hr	e-learning
Medicines in Care Homes	2	P PT PS O		n/a	webpage
Sustainability in Pharmacy	3	P PT		1hr	video
Telephone skills for Pharmacy teams	3	P PT PS O		1hr	e-learning

	Access	Target Audience	Assessment	Estimated time to complete	Format
Vaccines and immunisation	2	P PT PS O		n/a	webpage
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
Central nervous system					
Anxiety	2	P PT O	✓	3hr	e-learning
Bipolar Affective Disorder	2	P PT O	✓	1.5hr	e-learning
Clozapine – a comprehensive clinical programme (learnitonline)	2	P PT O	✓	10hr	e-learning
Clozapine – a concise clinical overview (learnitonline)	2	P PT PS O	✓	3hr	e-learning
A Focus On Clozapine induced gastrointestinal hypomotility (learnitonline)	2	P PT O	✓	2hr	e-learning
Dementia: The pharmaceutical care of people with	3	P PT O	✓	10hr	document
Depression	2	P PT O	✓	3hr	e-learning
Frailty – Know the Score!	3	P PT O		1hr. 05min	video
National Chronic Pain Module 1 - Informed	2	P PT O	✓	3hr	e-learning

	Access	Target Audience	Assessment	Estimated time to complete	Format
National Chronic Pain Module 2 - Skilled	2	P PT O	✓	3hr	e-learning
Schizophrenia	2	P PT O	✓	3hr	e-learning
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
What's ADHD Got To Do With It?	3	P PT PS		1hr. 22 mins	video
Endocrine					
Diabetes	2	P PT O	✓	3hr	e-learning
Infection					
Antimicrobial Stewardship	2	P PT PS O	✓	1hr	e-learning

	Access	Target Audience	Assessment	Estimated time to complete	Format
Hepatitis C Virus (HCV)	2	P PT O	✓	2.5hr	e-learning
Human Immunodeficiency Virus (HIV)	2	P PT O	✓	2.5hr	e-learning
Paediatric pharmacy					
Paediatric Pharmacy	3	P PT		1hr each	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 PS		5-12 mins	video
Palliative Care	3	P PT PS		1hr	e-learning

	Access	Target Audience	Assessment	Estimated time to complete	Format
Respiratory					
Asthma	2	P PT O	✓	3hr	e-learning
Decision making in Respiratory Conditions Webinar	3	P PT PS		1hr. 22mins	video
Chronic obstructive pulmonary disorder (COPD)	2	P PT O	✓	3hr	e-learning
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
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 PS		n/a	webpage

	Access	Target Audience	Assessment	Estimated time to complete	Format
Common clinical conditions webinars	3	P PT PS		1 hr each	video
Community Pharmacy Learning Together : Ear Conditions	3	P PT PS		1 hr each	e-learning
Community Pharmacy Learning Together : Migraine	3	P PT PS		1 hr each	e-learning
Community Pharmacy Learning Together : Migraine Management Webinar	3	P PT PS		1 hr each	e-learning
Community Pharmacy Learning Together : Sore throats	3	P PT PS		2hrs	e-learning
Adverse Drug Reactions					
Adverse drug reactions modules	1	P PT PS O	✓	1hr each	e-learning
Consultation skills					
Consultation skills modules	3	P PT O		1 hr each	e-learning
Over-the-counter (OTC) consultations modules	2	P PT PS O	✓	1hr each	e-learning

	Access	Target Audience	Assessment	Estimated time to complete	Format
NHS Near Me or Pharmacy Teams	2	P PT PS O			Webpage
Clinical assessment skills and decision making					
Clinical assessment skills videos	3	P PT		4-12 mins each	video
Clinical Calculations for Pharmacy Professionals	3	P PT			e-learning
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
Interpretation of blood results	2	P PT O		3hrs each	e-learning
Career development/transition					
Educational Supervision					
Supervision Modules	2	P PT PS O	✓	30 min each	e-learning

	Access	Target Audience	Assessment	Estimated time to complete	Format
Supervised learning events (SLEs) and Introduction to supervised learning events (SLEs)	2	P PT PS O	✓	30 min each	e-learning
Independent Prescribing					
Independent Prescribing support	3	P	✓	3hrs	Page
Leadership and Research					
Building the foundations of a research culture in pharmacy career webinar	3	P PT PS		1hr. 09min	video
Return to Practice					
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.

Building the foundations of a research culture in your pharmacy career

This video aims to help participants gain a better understanding of research and how it impacts on the pharmacy professions, and beyond. There will be an opportunity to reflect on and consider your own pharmacy practice and what is required to support progression through the pharmacy curriculum. There will be examples of research from different areas of pharmacy that could help you to identify opportunities for you to establish your own support network in engaging with and delivering research activities in the workplace.

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.

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

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, but 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 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 be used in conjunction with your local Health Board's and UK/EU government policies.

Medical gases

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

Medicines in Care Homes

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

[NHS Pharmacy Naloxone Emergency Supply Webinar](#)

In this video the Scottish Government have launched a new national community pharmacy service to support community pharmacy teams hold Naloxone for immediate emergency supply and administration in the event of an opioid overdose. NES pharmacy hosted a webinar to support the launch of this new community pharmacy service. The recording included presenters from Scottish Drugs Forum, Community Pharmacy Scotland and NHS Education for Scotland (NES).

[NHS Scotland Smoking Cessation service](#)

This module aims to support pharmacy teams in delivering an effective smoking cessation service. It also aims to update pharmacy teams on developments in smoking cessation, together with updated evidence on the use of varenicline. The evidence provides information on the safety profile of varenicline as well as information about the comparative success that can be achieved with different pharmacotherapies for smoking cessation.

[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.

[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.

[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.

[Summer Health](#)

This video of our interactive webinar will help support community pharmacy teams with the management of common clinical conditions which are often experienced over the summer months e.g. hay fever, insect bites, sunburn. This webinar will also outline the Pharmacy First Scotland relevant PGDs relating to summer health.

[Sustainability in Pharmacy](#)

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

[Update to EHC and Bridging Contraception services in Community Pharmacy Webinar](#)

This video highlights the recent changes to the Emergency Hormonal Contraception and Bridging Contraception services in Community Pharmacy. It also provides an opportunity for Community Pharmacy teams to find out more about the service and ask further questions.

[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)

[Telephone skills for Pharmacy teams](#)

This module is an introduction to telephone skills for all members of the pharmacy team and can be completed as an individual or with a small group of peers.

[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.

[Clozapine – a concise clinical overview](#)

A Concise Clinical Overview is a condensed version of our 10-module clozapine comprehensive programme. The 3 modules cover key topics, in particular blood monitoring and managing side effects. It also incorporates reflective elements, allowing the Learner an opportunity to explore and understand the wider aspects of supporting people living with mental health conditions.

[Clozapine – a comprehensive clinical programme](#)

Clozapine - A Comprehensive Clinical Programme is Learn It Online's flagship programme which has been written and reviewed by mental health clinicians and pharmacists experienced in the management of patients receiving treatment with clozapine. Its CPD-certified modules cover a wide range of important topics, in particular blood monitoring and managing side effects.

[A Focus On Clozapine-Induced Gastrointestinal Hypomotility](#)

During this course you will explore some of the most common and potentially serious clozapine side effects, namely clozapine-induced gastrointestinal hypomotility and constipation. The course will cover a range of topics including signs and symptoms, diagnosing and both pharmacological and non-pharmacological treatment strategies.

[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 : Migraine](#)

These resources are designed to support discussion in pharmacy teams by focusing on a particular clinical area, but it can be used for self-directed learning too.

[Community Pharmacy Learning Together : Migraine Management Webinar](#)

The Community Pharmacy Learning Together: Migraine Management- This webinar aimed to enhance the knowledge and skills of pharmacy teams in managing migraine. Participants had the opportunity to learn about the latest resources and tools available for managing migraine, including the National Headache Pathway and evidence-based treatment options. As well as discussing examples of migraine cases within community pharmacy.

[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](#)

Decision making in Respiratory Conditions

This recording of the webinar is help prepare for the increase in respiratory tract presentations within community pharmacy and primary care during winter, this webinar aims to give pharmacy team members confidence to assess and decide upon appropriate treatment and/or referral pathways.

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.

Frailty – Know the Score!

This video is designed to open up conversations with pharmacy teams to better understand frailty and improve knowledge on the medicines that impact on this condition. To deliver this we will use case studies and provide a list of useful resources that support this learning.

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.

National Chronic Pain Module 1 - Informed

This NHS Education for Scotland resource has been developed in collaboration with the National Pain Education Group to promote understanding and learning on chronic pain. This NHS Education for Scotland resource has been developed in collaboration with the National Pain Education Group to promote understanding and learning on chronic pain.

National Chronic Pain Module 2 - Skilled

These practice level 2 resources are for members of the NHS Scotland health and care workforce supporting someone living with pain to manage their pain condition in a non-pain specialist setting.

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](#)

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.

What's ADHD Go To Do With It?

In this video we will talk through signs and symptoms of ADD and ADHD, important considerations for providing services for people with ADD and ADHD, and medication used in its management.

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](#)
- [Consulting with children and young people](#)
- [Consulting with people with dementia](#)
- [Consulting with people with mental health problems](#)
- [Dealing with difficult discussions](#)
- [Clinical history taking – what a good consultation looks like](#)
- [Remote consultations](#)

[NHS Near Me or Pharmacy Teams](#)

NHS Near Me is a video consultation platform that is transforming the way people are engaging with health and care services. The use of this platform across NHS Scotland has greatly increased since the outbreak of COVID-19, particularly in GP practices in primary care, and hospital outpatient clinics. It is now also being implemented in community pharmacy to further increase accessibility to services for patients.

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 Calculations for Pharmacy Professionals

The aim of this programme is to support pharmacy professionals with calculations in clinical settings when preparing, prescribing or checking medicines or when advising other healthcare professionals. The principles can be applied to any sector of pharmacy practice.

This programme was developed by Centre for Pharmacy Postgraduate Education (CPPE)

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

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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