

FROM NOVICE TO EXPERT - IS THERE A RIGHT PATH TO ADVANCED PRACTICE?

Resources to assist the journey...Developments around CPD /
TURAS Learn

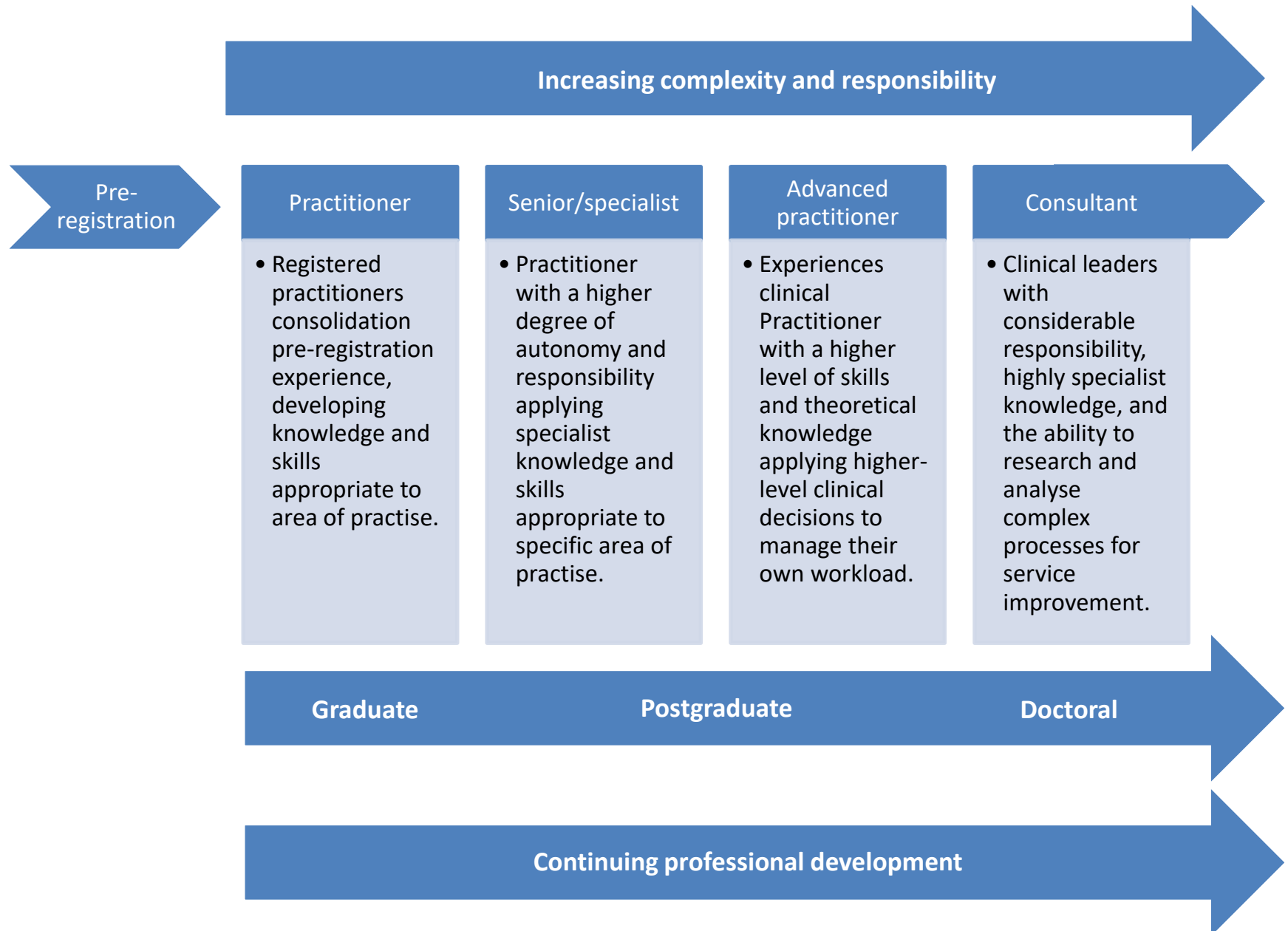


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NES Principal Lead in Healthcare Science

Life Sciences (22)	Physiological Science (11)	Physical Sciences and Biomedical Engineering (20)	Clinical Bioinformatics (3)
<ul style="list-style-type: none"> • Anatomical Pathology • Clinical Biochemistry • Clinical Immunology • Epidemiology • External Quality assurance • Genomics • Haematology • Histopathology & Cytopathology • Histocompatibility and Immunogenetics • Microbiology • Molecular pathology of acquired disease • Phlebotomy • Public Health Sciences • Reproductive sciences (Clinical Embryology and Andrology) • Serology • Tissue banking • Toxicology • Transfusion science • Virology 	<ul style="list-style-type: none"> • Audiology • Autonomic Neurovascular • Cardiac science • Clinical Perfusion science • Critical care science • Gastrointestinal science • Neurophysiology • Ophthalmic and vision science • Respiratory and sleep science • Urodynamic Science • Vascular science 	<ul style="list-style-type: none"> • Biomechanical Engineering • Clinical measurement and development • Clinical Illustration / photography • Clinical pharmaceutical Science • Decontamination and sterile services • Equipment Management • Imaging with Ionising radiation • Imaging with non-ionising radiation • Information Technology • Maxillo-facial prosthetics and technology • Medical device risk management and governance • Medical Electronics and instrumentation • Medical Engineering & Design • Medical Illustration • Nuclear Medicine • Radiation physics and radiation safety physics • Radiopharmacy • Reconstructive Science • Rehabilitation engineering • Renal Technology 	<ul style="list-style-type: none"> • Clinical Bioinformatics and Genomics • Health Informatics • Physical Science-Computer / Data Science and Modelling



What can advanced practise look like?

Analyse complex problems

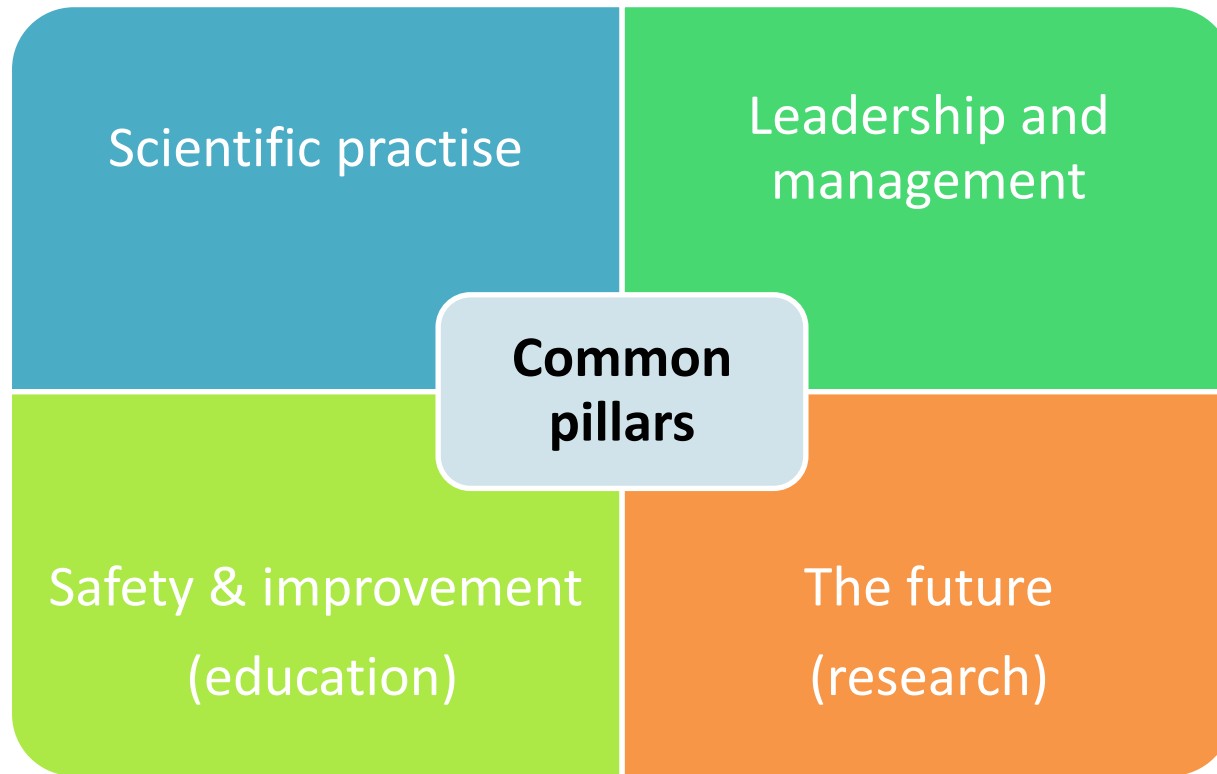
High degree of autonomy

Risk management

New approaches to service delivery

Independent decisions

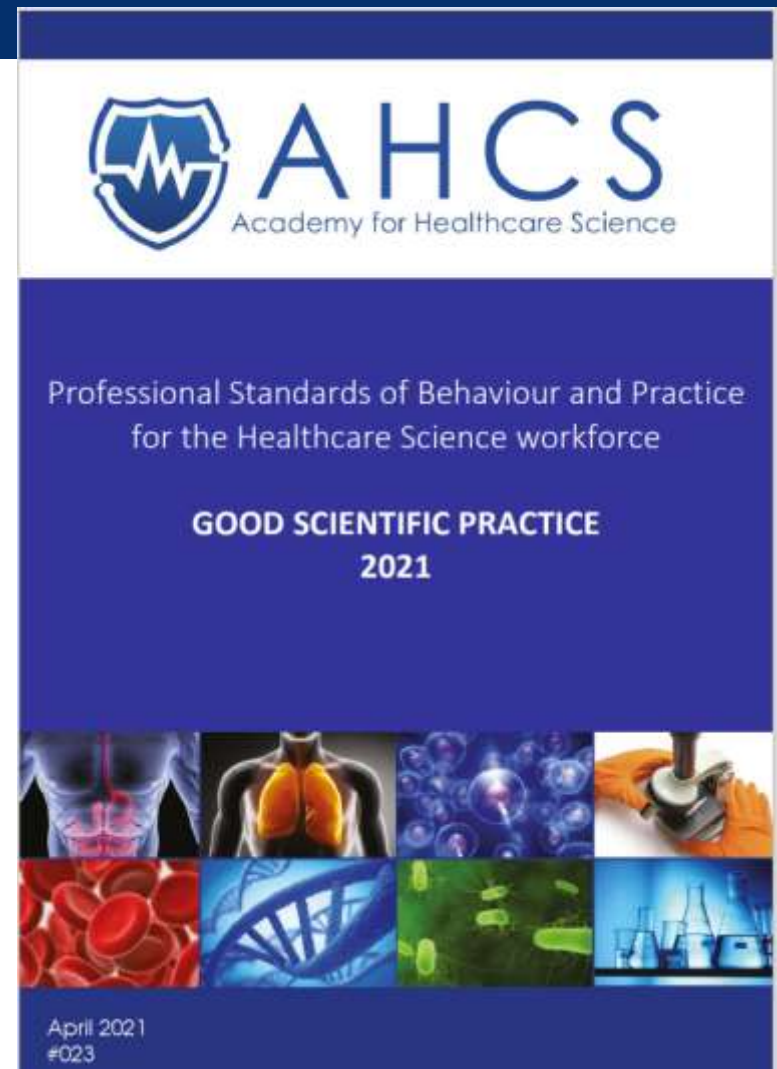




Scientific practise

Category	Serial	Common Core List (CCL)
Delivery of the science	1	Fundamental science: acquaintanceships beyond specialist area
	2	Case studies, multi-disciplinary case-based review opportunities
	3	Multidisciplinary work experiences, partnering and shadowing allied groups.
	4	Frontline service / lab awareness skills / practical skills
	5	Clinical / interpretive skills

- Patient are the priority.
- Standards for safe good working practise.
- Standards of behaviours.



Leadership and
management

Category	Serial	Common Core List (CCL)
People and Organisation	6	The patient perspective
	7	Train-the-trainer / HCS as teacher skills
	8	Leadership, management preparation, communication skills
	9	Teamwork, (in the discipline, in the HCS division, the wider HCS workforce, other groups)
	10	Planning and business skills / budget skills / procurement skills
	11	Clinical governance, corporate governance

Category	Serial	Common Core List (CCL)
Safety and Improvement	12	Health and Safety
	13	Regulation and compliance, (e.g. CPA, GMP, CE rules)
	14	Risk Analysis and Risk Management
	15	Incident management – Significant Event, Root Cause, Failure Modes.
	16	Quality Improvement and Quality Control tools

Safety &
improvement
(education)

Category	Serial	Common Core List (CCL)
The Future	17	Ethics, forming a research proposal
	18	Commercial development, intellectual property, income generation
	19	Foresight, new technologies, service and workforce re-profiling

The future (research)



Healthcare Science

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CPD resources

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CPD & e-Learning for Healthcare Science

The NES Healthcare Science team act as the national focus for Healthcare Science education and training in three ways: we commission training, we offer generic CPD and we quality monitor training departments. Our aim is to support a multi-profession repository for learning material information and resources to help you in your job, focusing on the relevant Healthcare Science stream and disciplines.

Using the links below you can access our current range of CPD and e-learning resources. However, please be aware that accessing these resources will require you to login to Turas Learn.

We are always interested in hearing from our HCS colleagues who have relevant learning materials, as we can work with you to convert such material into e-learning content. For further information, please visit our "[How to develop e-Learning](#)" page or alternatively contact us at HCS@nes.scot.nhs.uk

Page last updated: 26/10/2021

Healthcare Science e-Learning resources (requiring Turas Learn login)

Thank you for listening!



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