



ADVANCED
PRACTICE

The Advanced Practitioner

A Framework for Practice

Edited by Ian Peate • Sadie Diamond-Fox • Barry Hill

WILEY Blackwell

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Edited by

Ian Peate,

OBE, FRCN

Visiting Professor, St George's University of London and Kingston University London

Visiting Professor, Northumbria University

Senior Clinical Fellow, University of Hertfordshire

Professorial Fellow, University of Roehampton

Editor-in-Chief, British Journal of Nursing

Consultant Editor for the Journal of Paramedic Practice and the International Journal for Advancing Practice

Sadie Diamond-Fox,

MCP, ACCP, BSc (Hons), RN, PGC AHP, NMP (V300), FHEA

Advanced Critical Care Practitioner (FICM member) and ACCP Programme Co-Lead

at Newcastle upon Tyne NHS Hospitals

Subject Lead for Advanced Practice Programmes and Assistant Professor

in Advanced Critical Care Practice (Fellow – HEA)

at Northumbria University

Speciality Advisor for Critical Care at Regional Faculty for Advancing Practice

NHS England North East & Yorkshire Honorary Assistant Professor in Advanced

Clinical Practice at Nottingham University Member (& Past Chair) of the Advanced Practitioners

in Critical Care (APCC) Professional Advisory Group (PAG) at the Intensive Care Society (ICS).

External Examiner for MSc ACCP Programmes at Southampton University.

Editorial Board Member of the International Journal of Advancing Practice

Barry Hill,

MSc, AP, PGCAP, BSc (Hons), DipHE/OA, Dip SFHEA, TEFL, NMC, RN, RNT/TCH, V300

Associate Professor of Nursing Science and Critical Care; Director of Nursing

Midwifery and Health Employability, Northumbria University

Consultant Editor for the International Journal for Advancing Practice

Clinical Series Editor for the British Journal of Nursing

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Contributors

Ihab Ali, MRPharmS, ASTEM, SFHEA, PGDip, IP

Lead Pharmacist for urgent care, Stockport NHS Foundation Trust. Ihab's career began in 2013 as a Community Pharmacist before transferring to a clinical role in an NHS hospital in 2014. He has experience in many different clinical areas but decided to specialise in acute medicine when completing his independent prescribing qualification. He side-stepped into becoming a teacher practitioner in 2019 before returning to work as Lead Pharmacist for urgent care in 2020. He has worked as unit lead for both undergraduate and postgraduate pharmacy courses, at the University of Manchester and Aston University. He is now working purely in the emergency department as a Clinical Pharmacist with the intention of becoming an advanced clinical practitioner and then eventually a Consultant Pharmacist.

Clare Allabyrne

Associate Professor and professional lead for advanced clinical practice mental health at London Southbank University and a fellow of the Higher Education Academy. A dual qualified nurse (Adult and Mental Health) by profession, her areas of expertise include advanced clinical practice in mental health, child and adolescent mental health services (CAMHS), forensic psychiatry, liaison psychiatry; mental health in adult and child physical health services, substance use, physical health care in mental health, service user involvement/people participation, multi-agency/partnership working, leadership and service creation and innovation. Clare worked for 35 years in the NHS across physical and mental healthcare services in clinical, therapeutic, senior operational, clinical academic and corporate/strategic leadership roles.

Sarah Ashelford, BSc (Hons), PhD

Sarah started her career as a researcher at Edinburgh University, Centre for HIV Research. This was followed by a move into teaching secondary level science in schools in Wakefield and Leeds. Sarah moved back into teaching biosciences on various healthcare professional courses at Bradford University and the University of Lincoln, and now works at the University of York. Sarah specialises in teaching physiology and pathophysiology relating to healthcare, and research in biosciences education.

Jill Bentley, mFICM, ACCP MSc

Lecturer in advanced clinical practice, non-medical prescribing and nursing, University of Salford, Salford, UK. Jill is an experienced practitioner with a demonstrated history of working in the hospital and healthcare industry. She is skilled in critical care, clinical research, medical education, medical-surgical, paediatrics and critical thinking. Jill is a strong healthcare services professional with a MSc focused in advanced practice from the University of Salford, and an MSc in pain management.

Roberta Borg, BSc (Hons), MSc

Roberta obtained a BSc (Hons) in nursing studies from the University of Malta (2008). Shortly afterwards, she moved to the UK and started her career in critical care at Cambridge University Hospitals.

Roberta has always enjoyed a side hustle in academia alongside her clinical work, engaging in research, teaching and advancing her own academic studies. She completed a PGCert in critical care and later an MSc in advanced clinical practice. The latter was in parallel with a two-year clinical training programme, which saw her qualify as an Advanced Critical Care Practitioner (mFICM) in 2015 and she continued to work in this role. She has recently taken a break from clinical work to spend time with her young family and move to the United States. During this time, she continues to contribute to the academic nursing world through various book chapters and has expanded her readership to a younger audience through a book that she wrote for children to understand the value of healthcare workers.

Phil Broadhurst, RN, BSc (Hons) (Nursing Practice), MSc (Advanced Clinical Practice), PGCE (Medical and Health Education)

Phil is a FICM-registered Advanced Critical Care Practitioner at Stockport NHS Foundation Trust. He started his career as a ward volunteer before working as an auxiliary nurse while completing his nurse training. He has significant experience in intensive care, where he has worked as a staff nurse and team leader, before qualifying in advanced practice. Phil has a special interest in professional education and around his clinical work he is actively involved in training and education of both medical and nursing colleagues, taking a lead on Trust-wide acute illness management training. Phil spent several years working in the international humanitarian sector co-ordinating relief and development projects, and he maintains a special interest in this field.

Mark Cannan, MSc, BSc (Hons), Dip HE

Mark is an Advanced Critical Care Practitioner in intensive care, at the North Cumbria University Hospitals Foundation Trust. Mark entered the healthcare profession as an Operating Department Practitioner (ODP) in 2013 with the University of Central Lancashire, having witnessed the work of an ODP first-hand in the theatres of Camp Bastion, Afghanistan. On qualification, he rotated through anaesthetic and scrub practice, in both elective and emergency surgical procedures in two busy district general hospitals. While qualifying with a diploma, he continued in education by completing an Honours degree in acute and critical care at the University of Cumbria, which is where he discovered the Advanced Critical Care Practitioner (ACCP) role. Having excluded career progression in managerial or educational roles, the ACCP role seemed to best fit his aspirations by being retained at the bedside, performing clinical duties. Mark started his ACCP training with Northumbria University in 2017 and qualified in 2019 with a postgraduate diploma and works across two general intensive care units which increased to four during the COVID-19 pandemic. Mark has since completed his Master's degree and has specialist interests in advanced airway management, regional anaesthesia and transfer of the critically ill patient. He is also on the national working group for legislation change in allowing ODPs who have progressed into advanced practice the ability to undertake non-medical prescribing.

Colin Chandler, BSc (Hons) Physiology, PhD, FHEA

Colin is a Lecturer in life science at the School of Health in Social Science (Nursing Studies), Programme Director MSc Advanced Nursing (online) and Programme Director PGCert Neurological Rehabilitation and Care (online) at the University of Edinburgh. Colin has extensive experience in life science education for nurses and allied health professional at both undergraduate and postgraduate levels. He has recently been involved in projects that have defined undergraduate anatomy and physiology curricula for nurses. He has wide experience of designing and delivering Master's and doctoral education and support for health, education and social care professionals to support their advanced practice.

Esther Clift, PhD, BSc (Hons), MSc

Consultant Practitioner – frailty, Chair of the Geriatric Society, National Speciality Advisor for NHSE, visiting lecturer at the University of Winchester, Winchester, UK.

Esther is currently working as a Consultant Practitioner in frailty for the Southern Health NHS Foundation Trust. She undertakes research in physiotherapy, geriatrics and allied health science. Her most recent publication is 'Use of the electronic Frailty Index to identify vulnerable patients: A pilot study in primary care'.

Rebecca Connolly, BA (Hons), BSc, MSc

Consultant ACP in emergency and critical care medicine, United Lincolnshire Hospitals NHS Trust, Associate Lecturer, University of Lincoln, Lincoln, UK, co-creator of the College of Paramedics national peer support programme, founding member of the College of Paramedics Diversity Steering Group. Rebecca specialises in Emergency and Critical Care Medicine. Before entering healthcare, she gained her undergraduate degrees in Japanese and Marketing, lived in Japan and studied at Kwansei Gakuin University. Returning to the UK, she worked as a police officer where her areas of specialism and interest were in deception and body language. Her passion for social psychology, body language, executive function and the neuropsychological processes that mediate decision making led her to complete her MSc in psychology where she researched psychopathy and success, together with facial microexpressions in psychopaths.

Stuart Cox, RN, BSc (Hons), MSc

Stuart works as an Advanced Critical Care Practitioner (ACCP) at University Hospitals Southampton NHS and Dorset and Somerset Air Ambulance. Prior to this, he was employed as a senior charge nurse ICU at Southampton and senior nurse CEGA Air Ambulance. He graduated with a BSc (Hons) in nursing science and completed his MSc in ACCP in 2018. Stuart is a registered nurse with the Nursing and Midwifery Council and an ACCP with membership with the Faculty of Intensive Care Medicine. Stuart is actively involved in national groups on advanced practice for the Intensive Care Society.

Rachael Daw

Senior Educationalist, Royal College of Physicians, London, UK.

Jo Delrée

Jo is a learning disability nurse with many years' experience as an Associate Professor in mental health and learning disability nurse education. She works as an educator and consultant for the NHS and higher education, including London South Bank University, specialising in issues affecting autistic people and people with learning disabilities.

Joanna De Souza, MSc, PATHE, RNT, AKC

Joanna is a Senior Lecturer at the Florence Nightingale Faculty of Nursing, Midwifery and Palliative Care, King's College London, UK. She has a nursing background in haemato-oncology and palliative care in the UK and New Zealand and is currently completing her doctorate in end-of-life family conversations with Lancaster University. She has taught the merits and skills of using evidence to inform practice since 2000 in the UK, China, Singapore and Somaliland.

Sadie Diamond-Fox, MCP, ACCP (mFICM), BSc (Hons), RN, PGCAHP, NMP (V300), FHEA

Sadie qualified as an adult nurse in 2008 and has since worked in various critical care departments. She progressed to her current advanced practice roles which include Advanced Critical Care Practitioner (ACCP),

Assistant Professor in Advanced Critical Care Practice (FHEA) and Speciality Advisor for Critical Care for the North East and Yorkshire's Regional Faculty of Advancing Practice, NHS England. Sadie is also currently a second-year Doctor of Philosophy (PhD) candidate and sits on various national and local advancing practice and critical care committees. She has an extensive teaching portfolio spanning multiple disciplines within postgraduate healthcare education, making a wide range of contributions at local and international levels. Her key areas of interest are postgraduate healthcare education, acute, emergency and critical care, physiology and pharmacology, advanced-level practice and simulation and virtual reality education modalities.

Leanne Dolman, RN, MSc, PGDip, BSc

Leanne is Lecturer (Adult Nursing), King's College, London, UK.

Christine Eade, MSc, PGCE, PgC, BSc (Hons)

Christine is a Consultant Plain Film Reporting Radiographer who works in the NHS and private health-care sectors. She has worked at Royal Cornwall Hospitals Trust since qualifying from Bristol in 1999, with a specialist interest in paediatrics. She is also a member of the European Society of Paediatric Radiology AI Taskforce. Other professional activities include forensic radiography, career coaching and guest lecturing on the MSc Reporting and Advanced Practice modules for Plymouth and Exeter Universities.

Brigitta Fazzini, BSc(Hons), PgDiP DTN, MSc (Crit Care and Adv Clin Practice), NMP(V300)

Brigitta is an Advanced Critical Care Practitioner in the Adult Critical Care Unit at the Royal London Hospital. She is an honorary research fellow with Queen Mary University of London. She is a clinical academic passionate about critical care and critical care outreach and applied clinical research. She is the deputy chair of the Intensive Care Society (ICS) Professional Advisory Group for Advanced Practice in Critical Care and part of the chair team of the Advanced Clinical Practitioners Academic Network (ACPAN) in the UK. Her highest hope is to proactively shape the future of intensive care speciality with an inclusive multidisciplinary approach promoting effective quality changes, education and research.

Helen Francis-Wenger

Helen began her nursing career in Essex and soon focused her work on emergency medicine (EM), holding roles within EM in secondary care. Now, focusing on higher education for postgraduates as a lecturer in advanced clinical practice at the University of Plymouth, she is a fellow of the Higher Education Academy. Helen remains clinically active as an ACP in emergency medicine in Cornwall's Royal Cornwall Hospitals Trust, and is member of the Royal College of Emergency Medicine as well as being a registered independent prescriber. Helen is a credentialled ANP and an active committee member of the Association of Advanced Practice Educators and RCN ANP committee.

Alexandra Gatehouse, BSc (Hons), MSc

Alex graduated from Nottingham University in 2000 with a BSc (Hons) in physiotherapy. Following junior rotations in the Newcastle Trust, she specialised in respiratory physiotherapy in adult critical care, also working in New Zealand. In 2012, she trained as an Advanced Critical Care Practitioner, completing a Master's in clinical practice in critical care and qualifying in 2014. Alex subsequently completed her non-medical prescribing qualification and continues to rotate within all the critical care units in Newcastle upon Tyne, also enjoying teaching on the regional transfer course. She is a co-founder of the Advanced Critical Care Practitioner Northern Region Group and a committee member of the North East Intensive Care Society. Alex has presented abstracts at the European Society of Intensive Care Medicine and the North East Intensive Care Society conferences.

Kirstin Geer, Advanced Critical Care Practitioner. North Cumbria Integrated Care.

Kirstin qualified as a nurse in 2005 and worked on an Emergency Admissions Unit before becoming a Critical Care Outreach. She began her Advanced Critical Care Practitioner training in 2014 and qualified in 2016.

Barry Hill, MSc, PGCAP, BSc (Hons,) Dip HE, OA Dip, RN, NMC, RNT/TCH, SFHEA

Barry is Associate Professor and Director of Employability, Northumbria University; Consultant Editor for the International Journal for Advancing Practice; Clinical Editor for the British Journal of Nursing. Barry is an experienced leader, academic, educator, researcher and clinical nurse. His current role is Associate Professor and Director of Employability for nursing, midwifery and health. He has a demonstrated history of working within academia in higher education. Barry is a senior fellow and an HEA mentor, a certified intensive care nurse, with an MSc in advanced practice (clinical); NMC registered nurse, NMC registered teacher and NMC registered independent and supplementary prescriber (V300). He is skilled in clinical research and clinical education, and is passionate about higher education, especially nursing science, advanced clinical practice, critical care, non-medical prescribing and pharmacology. Barry is a strongly education-focused professional who has published nine books, 60 book chapters and 100 peer-reviewed journal articles. He is the Consultant Editor for the International Journal of Advancing Practice and Clinical Editor for the 'At a glance' and 'Advanced clinical practice' series within the British Journal of Nursing.

Robin Hyde, MSc, BN, RN (Child) RNT, RNMP, PGCert TL, HE, FHEA

Robin is an Assistant Professor in children and young people's nursing at Northumbria University. He is an NMC registered children's nurse, nurse teacher, independent/supplementary prescriber, qualified advanced paediatric nurse practitioner and fellow of the Higher Education Academy. Robin has been a qualified nurse for over 18 years. He is an experienced clinician and academic, having held a range of roles across the NHS and HEI sectors in Scotland and England. Robin is currently in year three of a PhD research project, carrying out a realist evaluation of an advanced practice programme in the context of children and young people's healthcare.

Joanna Lavery, MSc Advanced Practice, NMP, PgDip, SCPDN, PGCert Teaching and Learning In Clinical Practice, BSc (Hons), Dip HE, RN, FHEA, Queen's Nurse

Joanna is a Senior Lecturer in adult nursing and programme lead specialist community practitioner in district nursing at Liverpool John Moores University. She qualified as a registered nurse in 1999. She worked in neurosurgery and critical care before embarking upon a role in the community as a district nurse. She held posts as District Nurse Care Manager and Community Matron. Joanna returned to secondary care to work as an advanced nurse practitioner in acute medicine and ambulatory emergency care in 2013. She has worked in higher education since 2019 teaching both undergraduate and postgraduate students.

Elizabeth Midwinter, RN, MSc, BSc (Hons)

Elizabeth is a Continuous Improvement Clinical Fellow at Lancashire Teaching Hospitals NHS Foundation Trust. She is a registered nurse and advanced clinical practitioner in emergency medicine, arriving here via the scenic route (theatres, ED, urgent care, primary care and ED again), before moving to education as a Lecturer at the University of Bolton and Matron for resuscitation and simulation. Whilst in the role, Elizabeth became involved in a number of projects and completed the Flow Coaching Academy, which sparked her passion for improvement and led her to her current role.

Stevie Park

Stevie is an Advanced Critical Care Practitioner at University Hospital Birmingham, Birmingham, UK.

Ollie Phipps

Ollie is a Course Director for non-medical prescribing and MSc advanced clinical practice (ACP) at Canterbury Christ Church University. He has a clinical background as a consultant nurse in acute medicine and he continues to work as an advanced clinical practitioner in an emergency department in Kent. Ollie has led the Health Education England and Royal College of Physicians ACP Credential Development for Acute Medicine and Respiratory Medicine. Previously, he was the credential lead for the Centre for Advancing Practice, the chair of the Royal College of Nursing's Advanced Nurse Practitioner (ANP) Forum, and the National Advanced Practice Steering Group. He is a published author on the subject of advanced practice within multiple texts and is an international keynote speaker on the subject. Ollie continues to be a national expert advisor for advanced practice. He also is an expert advisor for the National Institute for Health and Care Excellence (NICE) and the National Confidential Enquiry into Patient Outcome and Death (NCEPOD).

Jaelyn Proctor

Jaelyn is an Advanced Clinical Practitioner at Warrington and Halton Teaching Hospitals NHS Foundation Trust, Warrington, UK.

Sharon Riverol, MSc (dist) Advanced Practice, BSc (Hons), Dip HE Nursing Studies, Adult RN, PGCert, FHEA

Sharon is a Senior Lecturer in adult nursing and deputy programme lead for the Trainee Nursing Associate programme at Liverpool John Moores University. She qualified as a registered nurse in 2005. She started her nursing career in stroke rehabilitation before moving to coronary care and then acute medical care, and then moving into general practice. As a general practice nurse, Sharon was able to complete her V300, her nursing degree and then her Master's in advanced practice. Sharon's roles included nurse manager and advanced nurse practitioner before moving into higher education. She started in higher education in 2020, teaching undergraduates, postgraduates and apprentice students, and has now completed the PGCert and is a fellow of the Higher Education Academy.

Colin Roberts

Colin qualified as a GP in 1996 in Exeter. He has been involved in education since then, initially as a GP trainer and medical student educator, but increasingly focused on advanced practice. He now works as Associate Professor in advanced practice at Plymouth University. He remains clinically active as a GP, validating his academic role. Colin teaches advanced practice widely across the South West of England with a keen interest in developing a scientific foundation in advanced practitioners, underpinning clinical skills and diagnostics. He is a champion of the advanced practice role across all aspects of healthcare and works strategically in the region to enhance training routes and continuing professional development.

Vikki-Jo Scott, RN, MA Learning and Teaching, SFHEA, current PhD student

Vikki-Jo has a background in critical care nursing and returned to clinical practice to work in critical care during the initial peaks of the COVID-19 pandemic. Since working in academia, she has focused on continuing professional development for health and social care professionals. She teaches on many courses, including those focused on quality improvement and application of learning to practice as well as leading the Advanced Clinical Practice programmes. She is a senior fellow of the Higher Education Academy and up until 2020 was Dean of the School of Health and Social Care at the University of Essex, England. She is currently undertaking a PhD focused on advanced clinical practice and is a reviewer for the Centre for Advancing Practice accreditation processes.

Sara Stevenson-Baker, MSc, PGCE, BSc (Hons)

Sara is a Lecturer in nursing at King's College, London. She has worked in a variety of clinical and educational environments, including hospital and community within palliative care, oncology, general medicine and intensive care nursing and higher education. Sara has developed advanced clinical and educational skills by being committed to ensuring that her own practice, skills and knowledge are maintained. She has completed a BSc (Hons) degree in cancer nursing and an MSc in education for healthcare professionals. Sara successfully gained her Postgraduate Certificate in Education in 2012 and Advanced Assessment skills in 2011 at King's College University. She has also completed and delivered advanced communication training and Sage and Thyme Foundation communication training.

Vanessa Taylor, RGN, EdD, MSc Advanced Clinical Practice (Cancer Nursing), PGCE, BSc, DPSN

Vanessa is the Director of health and care partnerships/professor of cancer and palliative care at the School of Human and Health Sciences, University of Huddersfield, Huddersfield, UK. Following clinical roles in cancer and palliative care, Vanessa moved into higher education. Her activities and published work focus on cancer, palliative and end-of-life care and education, evaluation of education and its impact on workforce development and clinical practice. As chair of steering group/lead author for the RCN Career and Education Framework for Cancer Nursing and chair of steering group/lead author HEE (Yorkshire and the Humber) End of Life Care Learning Outcomes, Vanessa has published unique resources that distinguish levels of knowledge, skills and practice for the workforce in these fields. Most recently, Vanessa chaired the steering group developing the HEE ACP-Palliative and End of Life Care credential. She is a steering group member of the ACCEND project and chair of workstream 5 developing the 'Career pathway, core cancer capabilities in practice and education framework'. Vanessa is a member of the NHSE/I group developing a career pathway and education framework for palliative and end-of-life care. She was awarded a National Teaching Fellowship in 2020 and is chair of the Biosciences in Nursing Education Group.

John Wilkinson, MBBS, PGCert Med Ed

John is an Anaesthetics Registrar in the Northern School of Anaesthesia and Intensive Care Medicine, with a special interest in education and simulation. After studying medicine at Newcastle University and completing Foundation training in Newcastle Trust Hospitals, he trained in anaesthetic and critical care departments across the north of England, including as a clinical and education fellow in critical care. He has presented on the development of a novel educational resource at the annual meeting of the Society for Education in Anaesthesia. He has a particular interest in multidisciplinary team simulation training, including creating resources for sessions involving medical, nursing and midwifery students from Newcastle and Northumbria Universities.

Alison Wood, PhD, RGN

Alison is a Lecturer in non-medical prescribing in the Division of Nursing and Paramedic Science at Queen Margaret University, Edinburgh, Scotland. Alison's clinical nursing career has most recently focused on haemodialysis and renal medicine and this formed the focus of her PhD, exploring care in this clinical setting. Alison holds an honorary title within NHS Lothian as nurse consultant for non-medical prescribing and remains active in a clinical capacity alongside her full-time lecturing post. She is also a member of the Bioscience in Nurse Education (BiNE) group and engagement with science in pre- and postregistration healthcare education is a strong interest area, having led a project to develop a set of learning outcomes on physiology for pre-registration nurse education.

Joe Wood

Joe is an Advanced Critical Care Practitioner, physiotherapist and point-of-care ultrasound educator at the Medway NHS Foundation Trust, Kent, England.

Preface

The Advanced Practitioner: A Framework for Practice is the first of its kind. It provides a multiprofessional resource that uses the four pillars underpinning advanced practice as a framework: clinical practice, leadership and management, research and education. The text offers essential reading that is related to contemporary advanced clinical practice topics.

The Advanced Practitioner: A Framework for Practice has been written primarily for the trainee advanced practitioner. Advanced practitioners (APs) come from a range of professional backgrounds, including physiotherapy, pharmacy, paramedics, occupational therapy and nursing, practising across the age continuum and in a variety of spheres of practice, at the top of their licence. The focus of this text is on the adult person.

The advanced practitioner role offers the added value of an experienced clinician; it is a co-productive role that meets the needs of populations. Advanced practice offers a vision for the development of the workforce in a way that is consistent, ensuring safety, promoting quality and resulting in positive patient outcomes.

Advanced practice programmes have been developed to meet national and local policy drivers for workforce transformation through a Master's level programme. Using a level 7 taxonomy makes clear the expectation that practitioners working at this level are required to perform at Master's level. *The Advanced Practitioner: A Framework for Practice* is cognisant of this and the chapters in the text mirror this.

Readers will develop their knowledge, skills and behaviours required to act with a high level of autonomy, enhancing their skills in holistic and systematic assessment, complex decision making along with the provision of high-quality evidence-based interventions for patients and their families. This text will support the reader undertaking a programme of study to strengthen their learning through the application of theory related to their scope of practice in the workplace and the academic setting. The text will also be of value to those advanced practitioners who are seeking to update and review their knowledge and understanding of the various topics associated with advanced practice.

Throughout *The Advanced Practitioner: A Framework for Practice*, the service user is placed at the centre of all that is done, as is the case in practice. Key to education and training is understanding the importance of the time and experience required to build confidence in decision making and the management of risk. *The Advanced Practitioner: A Framework for Practice* facilitates individual and organisational development.

This is the 'go to' text for trainee advanced practitioners, with content written by experienced advanced practitioners and academics who are closely involved in the delivery of advanced practice programmes. A range of curricula have been assessed and wide consultation with key stakeholders has been undertaken to derive content for the chapters and format of the text.

Trainee advanced practitioners will undergo frequent assessment, using approaches such as consultation, observation tools, clinical portfolios and case-based discussion. Examination and procedural skills undertaken as part of the advanced practitioner role are assessed in practice. The trainee advanced practitioner is required to demonstrate competence, and there are a number of directly observed procedures that need to be undertaken along with the ability to 'see' the whole person and fuse biomedical

science with the art of caring, providing health promotion advice, counselling, assessment, diagnosis, referral, treatment and discharge.

The Advanced Practitioner: A Framework for Practice focuses on regulatory body requirements such as those of the Health and Care Professions Council and Nursing and Midwifery Council. The text has been aligned to nationally established advanced practitioner curricula, including the Faculty of Intensive Care Medicine (FICM), the Royal College of Emergency Medicine (RCEM) and the Royal College of Nursing (RCN).

Created for the busy practising clinician, the 21 chapters in this text have been written by a variety of experts in the field, across a range of specialties, and the information provided is accessible and engaging. Each chapter has been written using an approach that will enable the reader to delve deeper into essential subject matter, encourage curiosity and offer safe and effective care to people.

High-quality colour illustrations, line drawings, tables, charts, graphs, and algorithms have been used in the comprehensive chapters to aid understanding as well as the retention of key facts. Pedagogical features are offered in such a way to support the trainee advanced practitioner to address the many curriculum requirements and to be successful when undertaking the various assessment challenges that they will face. These features aim to encourage the reader to delve deeper and challenge practice.

Containing numerous essential practical and theoretical components, *The Advanced Practitioner: A Framework for Practice* is the essential contemporary resource for all trainee advanced clinical practitioner as well as those healthcare students who are seeking to advance in this sphere of practice.

We sincerely hope you enjoy reading this text as much we have enjoyed editing it and providing you with a contemporary and useful resource as you make the transformation to advanced practitioner.

Ian Peate, London
Sadie Diamond-Fox, Newcastle
Barry Hill, Newcastle

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