

Clinical Oncology Curriculum Mapping of the 2021 curriculum outcomes to the 2016 curriculum competences

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1. Introduction

The curriculum provides both trainers and trainees with information about the requirements of the training programme, setting a clear picture of what is to be achieved by each level of training.

This mapping document provides trainees already in training, and their supervisors, with a way of identifying how previously achieved competences contribute to progress as defined by the new curriculum.

The new curriculum represents a radical change in how the curriculum content is presented. Mapping from a competency-based framework to a high level outcomes is not straightforward and it is not always possible to map like to like. However, the underlying content of the curriculum is largely unchanged and trainees transitioning to the new curriculum will be able to use this document to identify how their prior learning allows them to meet the requirements of the new curriculum.

2. Underpinning attitudes and behaviours

2.1 Personal behaviour

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To demonstrate the behaviours that will enable the doctor to become a senior leader able to deal with complex situations and difficult behaviours and attitudes. To work increasingly effectively with many teams and to be known to put the quality and safety of patient care as a prime objective. To demonstrate the attributes of someone who is trusted to be able to manage complex human, legal and ethical problem. To be someone who is trusted and is known to act fairly in all situations	
Defines the concept of modern medical professionalism	CiPs 1, 2, 3, 4
Outlines the relevance of professional bodies (Royal Colleges, NHSMEE, GMC, Postgraduate Deaneries, BMA, medical defence societies, etc)	CiP 1
Practises with professionalism, showing:	
 integrity compassion altruism continuous improvement aspiration to excellence respect of cultural and ethnic diversity regard to the principles of equity 	CiPs 2, 3, 4, 7, 9, 11, 13
Works in partnership with patients and members of the wider healthcare team	CiPs 1, 3
Liaises with colleagues to plan and implement work rotas	CiPs 1, 3, 8, 10, 11,
Promotes awareness of the doctor's role in utilising healthcare resources optimally and within defined resource constraints	CiP 1
Recognises and responds appropriately to unprofessional behaviour in others	CiPs 1, 3, 4
Recognises personal beliefs and biases and understand their impact on the delivery of health services	CiPs 3, 4
Refers patients on appropriately where personal beliefs and biases could impact upon professional practice	CiPs 3, 4
Uses all healthcare resources prudently and appropriately	CiPs 1, 4
Improves clinical leadership and management skill	CiPs 1, 6
Recognises situations when it is appropriate to involve professional and regulatory bodies	CiPs 1, 2, 4
Acts as a leader, mentor, educator and role model where appropriate	CiPs 1, 6, 13

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
Continues to:	
 Deal with inappropriate patient and family behaviour Respect the rights of children, elderly, people with physical, mental, learning or communication difficulties Adopt an approach to eliminate discrimination against patients from diverse backgrounds including age, gender, race, culture, disability, spirituality and sexuality Place needs of patients above own convenience Behave with honesty and probity Act with sensitivity in a non-confrontational manner 	CiPs 1, 2, 3, 4, 11
Accepts mentoring as a positive contribution to promote personal professional development	CiPs 1, 6
Participates in professional regulation and professional development	CiPs 1, 6
Takes part in 360 degree feedback as part of appraisal	CiPs 1, 6
Promotes the right for equity of access to healthcare	CiPs 4, 12
Demonstrates reliability and accessibility throughout the healthcare team	CiPs 1, 3

2.2 Time management and decision making

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To prioritise and organise clinical and clerical duties to optimise patient care and makes appropriate decisions to optimise the effectiveness of the clinical team	
Illustrates the need to prioritise work according to urgency and importance	CiPs 3, 4
Illustrates the roles, competences and capabilities of other professionals and support workers	CiP 1
Outlines techniques for improving time management	CiPs 1, 3
Demonstrates the importance of prompt investigation, diagnosis and treatment in patient management	CiPs 3, 4
Maintains focus on individual patient needs whilst balancing competing pressures	CiP 4
Organises and manages workload effectively and flexibly.	CiP3
Makes appropriate use of other professionals and support workers	CiPs 1, 3, 4
Works flexibly and deals with tasks in an effective and efficient fashion	CiPs 1, 3
Recognises when you or others are falling behind and take steps to rectify the situation	CiPs 3, 4, 6
Communicates changes in priority to others	CiP3
Remains calm in stressful or high pressure situations and adopt a timely, rational approach	CiPs 3, 4
Appropriately recognises and handles uncertainty within the consultation	CiPs 3, 4

2.3 Decision making and clinical reasoning

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To develop the ability to formulate a diagnostic and therapeutic plan for a patient according to the clinical information available. To develop the ability to prioritise the diagnostic and therapeutic plan. To be able to communicate a diagnostic and therapeutic plan appropriately	
Recognises the psychological component of disease and illness presentation	CiPs 3, 7
Recognises how to use expert advice, clinical guidelines and algorithms	CiPs 3, 7, 8, 13
Recognises and appropriately responds to sources of information accessed by patients	CiPs 3, 4
Incorporates an understanding of the psychological and social elements of clinical scenarios into decision making through clinical reasoning	CiPs 1, 3, 4, 11, 13
Comprehends the need to determine the best value and most effective treatment both for the individual patient and for a patient cohort	CiPs 1, 4, 7, 8, 9, 10, 11
Constructs an appropriate management plan in conjunction with the patient, carers and other members of the clinical team and communicates this effectively to the patient and carers where relevant	CiPs 1, 3, 4, 8, 9, 10, 11, 13
Applies the relevance of an estimated risk of a future event to an individual patient	CiP 13
Searches and comprehends medical literature to guide reasoning	CiPs 1, 7
Recognises the difficulties in predicting occurrence of future events	CiPs 3, 7
Shows willingness to facilitate patient choice	CiPs 1, 4, 13
Shows willingness to search for evidence to support clinical decision making	CiPs 1, 7

2.4 The patient as central focus of care

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To prioritise the patient's wishes encompassing their beliefs, concerns expectations and needs	
Outlines health needs of particular populations, e.g. ethnic minorities, and recognises the impact of health beliefs, culture and ethnicity on presentations of physical and psychological conditions	CiPs 4, 11
Describes sources of information and support for patients	CiPs 3, 4, 13
Gives adequate time for patients and carers to express their beliefs ideas, concerns and expectations	CiPs 3, 4
Ascertains the desire of the patient for information	CiPs 3, 4
Tailors the discussion and written information to the patients' requirements	CiPs 3, 4, 11
Supports patients and carers where relevant to comply with management plans	CiPs 3, 4, 13
Encourages patients to voice their preferences and personal choices about their care	CiPs 3, 4
Responds to questions honestly and seeks advice if unable to answer	CiP3
Recognises the duty of the medical professional to act as patient advocate	CiPs 4, 13
Treats patients with respect and without discrimination, is polite, considerate and honest, shows respect for dignity and privacy.	CiPs 3, 4
Treats patients fairly and as individuals	CiPs 3, 4
Encourages patients to take an interest in their health and take action to improve and maintain it	CiPs 4, 13

2.5 Patient safety

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To prioritise patient safety throughout all clinical practice.	
Outlines the conditions required to maintain a safe working environment	CiPs 1, 2, 4, 7, 12
Describes the toxicities of systemic therapies and safe handing of cytotoxic drugs	CiPs 3, 7, 9, 12
Describes the principles of radiation protection, including statutory frameworks and local rules	CiP 7
Works with colleagues in the healthcare team to ensure that patient care is organised in a way that ensures patient safety	CiPs 3, 4
Recognises and responds to a patient's deterioration or lack of response to therapy	CiPs 3, 4
Improves patients' and colleagues understanding of the risks associated with treatment	CiPs 3, 8, 9, 10
Ensures that procedures for safe practice are followed	CiPs 1, 4, 7
Maintains a high level of safety awareness at all times	CiPs 4, 12
Takes appropriate action when concerns are raised about own performance or that of colleagues	CiPs 1, 2, 4
Continues to be aware of own limitations and operates within these	CiP 1

2.6 Team working

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To develop the ability to work well in a variety of different teams. To develop leadership skills required to lead a team to be more effective and able to deliver better patient care	
Describes the roles and responsibilities of members of the healthcare team	CiPs 1, 10
Outlines factors adversely affecting a doctor's and team performance and methods to rectify these	CiPs 1, 6, 10
Practises with attention to providing good continuity of care	CiPs 13, 14
Creates accurate attributable patient notes, including appropriate use of electronic clinical record systems	CiPs 1, 3
Delivers detailed hand over between shifts and areas of care	CiPs 1, 3
 Demonstrates leadership and management in the following areas: Coordinates and leads a team based approach to patient care Providing education and training for junior colleagues and other members of the healthcare team Dealing with deteriorating performance of colleague (e.g. stress, fatigue) Delivering high quality care 	CiPs 1, 3, 6, 8, 10
Leads and participates in multi disciplinary team meetings	CiPs 3, 10
Delegates appropriately whilst providing appropriate supervision to less experienced colleagues	CiPs 3, 6
Encourages an open environment to foster and explores concerns and issues about the functioning and safety of team working	CiPs 1, 4
Recognises limits of own professional competence and only practise within these	CiPs 3, 4
Demonstrates assertiveness when appropriate	CiP3
Recognises and respects the request for a second opinion	CiPs 3, 4
Recognises the importance of induction for new members of a team	CiPs 1, 4
Recognises the importance of prompt and accurate information sharing with the multi disciplinary and Primary Care teams following hospital discharge	CiPs 1, 4, 10, 13

2.7 Principles of quality and safety improvement

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To recognise the desirability of monitoring performance, learning from mistakes and adopting no blame culture in order to ensure high standards of care and optimise patient safety	
Describes local and national significant event reporting systems (NCEPOD, IRMER, morbidity and mortality, etc) and how this is dealt with within clinical oncology departments	CiPs 1, 3
Outlines local health and safety protocols (fire, radiation protection, etc)	CiPs 1, 4
Understands risks associated with radiation, chemotherapy and biological therapies and mechanisms to reduce risk	CiPs 1, 4
Outlines potential Quality Improvement and Service Improvement tools such as Plan Do Study Act (PDSA), capacity and demand measurement, root cause analysis and audit	CiPs 1, 4
Demonstrates knowledge of sources of further support such as the NHS Institute for Innovation and Improvement and the Institute for Health Improvement	CiPs 1, 4
Adopts strategies to reduce risk	CiP 4
Recognises that governance safeguards high standards of care and facilitates the development of improved clinical services	CiPs 1, 4
Recognise importance of evidence-based practice in relation to clinical effectiveness	CiPs 1, 3
Reflects regularly on own standards of medical practice in accordance with GMC guidance on licensing and revalidation	CiPs 1, 3
Demonstrates a willingness to adhere to departmental protocols	CiP 1
Develops reflection in order to achieve insight into own professional practice	CiP3
Demonstrates personal commitment to improve own performance in the light of feedback and assessment	CiP3

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum	
Demonstrates a willingness to participate in, contribute to, respond positively to outcomes of safety and quality improvement strategies, e.g.		
 reporting adverse clinical incidents and taking part in the subsequent investigation in serious incidents 		
Audit of personal and departmental and directorate performance	CiPs 1, 3, 4, 5	
Errors / discrepancy meetings		
Critical incident and near miss reporting		
Unit morbidity and mortality meetings		
Local and national databases		
Quality Improvement Project		
Engages with an open no blame culture	CiP 1	

2.8 Audit

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to undertake a clinical audit and complete an audit cycle.	
Defines the difference between audit and research	CiPs 3, 5
Discusses the nature of the audit cycle, including the steps involved in the audit cycle and its role in improving patient care and services	CiPs 3, 4, 5
Identifies appropriate data collection, statistical and analytical methods for use in auditing practice	CiP 5
Discusses change management and the importance of reducing resistance to change	CiPs 1, 3
Describes the working and use of national and local databases for audit, e.g. cancer registries, cancer minimum dataset, cancer waiting times, NCEPOD	CiPs 3, 5
 Designs, implements and completes audit cycles, including: Identifying an appropriate subject for audit Identifying suitable guidelines to audit against Designing a form for collection of relevant data Interpreting the data extracted and comparing this with the guidelines and reaching conclusions using appropriate statistical and analysis methods Developing an action plan Presenting the data, conclusions and possible action plan to an audit meeting Identifying the change in outcomes required Identifying the change in processes required to achieve those outcomes Negotiating with the individuals who can deliver those changes 	CiPs 3, 5
Contributes to local and national audit projects appropriately, e.g. NCEPOD	CiPs 3, 5
Supports audit within the MDT	CiPs 5, 10
Recognise the need for audit in clinical practice to promote standard setting and quality assurance	CiPs 1, 5
Shows willingness to support changes identified as necessary by audits	CiPs 1, 5

2.9 Complaints and medical error

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To recognise the causes of error and to learn from them. To realise the importance of honesty and effective apology. To take a leadership role in the handling of complaints	
Describes the local complaints procedure	CiP 2
Recognises factors likely to lead to complaints (poor communication, dishonesty, clinical errors, adverse clinical outcomes etc)	CiP 3
Outlines the principles of an effective apology	CiP 2
Identifies sources of help and support for patients and self when a complaint is made about self or a colleague	CiP 1
Contributes to processes whereby complaints are reviewed and learned from	CiP 1
Recognises when something has gone wrong and identifies appropriate staff to communicate with	CiPs 1, 3
Delivers an appropriate apology and explanation (either of error or for process of investigation of potential error and reporting of the same)	CiPs 2, 3
Distinguishes between system and individual errors (personal and organisational)	CiPs 1, 3
Shows an ability to learn from previous error	CiP 3
Adopts behaviour likely to prevent causes for complaints	CiPs 3, 4
Deals appropriately with concerned or dissatisfied patients or relatives	CiPs 1, 3, 4
Acts with honesty and sensitivity in a non-confrontational manner	CiP 1
Recognises the impact of complaints and medical error on staff, patients, and the National Health Service	CiPs 1, 3
Contributes to a fair and transparent culture around complaints and errors	CiP 2
Recognises the rights of patients, family members and carers to make a complaint	CiPs 3, 4
Recognises the impact of a complaint upon self and seeks appropriate help and support	CiP 1

2.10 Communication with colleagues and cooperation

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To recognise and accept the responsibilities and role of the doctor in relation to other healthcare professionals. To communicate succinctly and effectively with other professionals as appropriate	
Demonstrates an understanding of the section in "Good Medical Practice" on Working with Colleagues, in particular:	0.5 1 0 1 10
 The roles played by all members of a multi-disciplinary team The principles of effective inter-professional collaboration to optimise patient care 	CiPs 1, 3, 4, 10
Describes the principles of confidentiality that provide boundaries to communicate	CiPs 2, 3
Outlines techniques to manage anger and aggression in self and colleagues	CiP3
Describes responsibility of the doctor in the management of physical and/or mental ill health in self and colleagues.	CiP3
Communicates accurately, clearly, promptly and comprehensively with relevant colleagues in a timely manner	CiP3
Outlines procedures for seeking patient consent for disclosure of information and situations where consent while desirable is not obligatory	CiPs 1, 3, 4
Employs behavioural management skills with colleagues to prevent and resolve conflict and enhance collaboration	CiPs 1, 3
Shows awareness of the importance of multi-disciplinary teamwork, including adoption of a leadership role when appropriate but also recognising where others are better equipped to lead	CiPs 1, 3, 10
Fosters a supportive and respectful environment where there is open and transparent communication between all team members	CiPs 1, 2
Ensures appropriate confidentiality is maintained during communication with any member of the team	CiP3
Recognises the need for a healthy work/life balance for the whole team	CiP3
Accepts additional duties in situations of unavoidable and unpredictable absence of colleagues ensuring that the best interests of the patient are paramount	CiP 4

2.11 Medical ethics and confidentiality

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To know, understand and apply appropriately the principles, guidance and laws regarding medical ethics and confidentiality	
Outlines and follows the guidance given by the GMC on confidentiality	CiP 1
Defines the principles of Information Governance	CiP 5
Uses and shares information with the highest regard for confidentiality, and encourages such behaviour in other members of the team	CiP 5
Recognise the problems posed by disclosure in the public interest, without patient's consent	CiPs 2, 4
Uses and promotes strategies to ensure confidentiality is maintained e.g. anonymisation	CiPs 2, 4, 5
Counsels patients on the need for information distribution within members of the immediate healthcare team	CiPs 4, 5
Counsels patients, family, carers and advocates tactfully and effectively when making decisions about resuscitation status, and withholding or withdrawing treatment	CiP 4
Encourages informed ethical reflection in others	CiPs 2, 3
Shows willingness to seek advice of peers, legal bodies and the GMC where there are ethical dilemmas regarding confidentiality and information sharing	CiPs 2, 3
Respects patients' requests for information not to be shared, unless this puts the patient, or others, at risk of harm	CiP 4
Shows willingness to share information with patients about their care, unless they have expressed a wish not to receive such information	CiP4

2.12 Medical ethics and conflict of duty

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To know, understand and apply appropriately the principles and guidance regarding conflicts between different ethical duties	
Discusses the conflict between ethical duties both to the individual and between the individual patient and broader notions of justice	CiP 2
Recognises the complexity of decision making where conflicting duties are at stake and justifies a decision on ethical grounds	CiP 2
Explains to patients and their relatives concerns about treatments that are not normally funded	CiPs 3, 4
Recognise the factors influencing ethical decision making, including religion, personal and moral beliefs, cultural practices	CiP 2
Shows willingness to seek the opinion of others when making decisions about ethical issues	CiPs 1, 2
Respects opinions of others, including patients, when making decisions about ethical issues	CiPs 1, 2, 4

2.13 Medical ethics and autonomy and capacity

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To know, understand and apply appropriately the principles and guidance regarding the concepts of autonomy and capacity.	
Discusses the value and limitations of promotion of autonomy in medicine.	CiPs 2, 4
Describes the components necessary for informed consent	CiP 2
Describes the tests for Assessing Capacity	CiP 2
Accepts the need to respect competent refusal	CiPs 2, 4
Discusses the principles and implications of the Mental Capacity Act, advanced refusals, enduring power of attorney, independent mental capacity advocates	CiP 2
Communicates honestly with patients and their relatives about their disease, benefits and side-effects of treatment and their prognosis	CiPs 3, 4
Negotiates with relatives to avoid collusion with them to deny the patient information about their illness	CiPs 3, 4
Assesses capacity and understands the legal and moral implications of its presence and absence.	CiPs 2, 4
Treats patients with respect and without discrimination, is polite, considerate and honest, and shows respect for dignity and privacy.	CiP 4
Treats patients fairly and as individuals	CiP 4

2.14 Medical ethics and end of life issues

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To understand the ethical and legal issues at the end of life and the concepts of acts, om	issions and double effect
Defines the standards of practice defined by the GMC when deciding to withhold or withdraw life-prolonging treatment	CiP 1
Appreciates that both acts and omissions carry moral and legal culpability but that whilst allowing patients to die may be defensible, killing them is not.	CiPs 1, 2
Accepts that omissions are not legitimate where there is a clear duty to act	CiP 1
Defines the doctrine of double effect	CiP 2
Discusses the current guidance on DNAR orders and controversies about these	CiPs 1, 2
Discusses the arguments for and against euthanasia and describes the legal position	CiP 2
Identifies sources of advice for complex ethical/legal issues	CiP 2
Applies clear and logical thinking around legal and ethical issues at the end of life	CiP 2
Documents the issues and views that have been considered, the decisions reached and the reasoning behind those decisions in complex end of life decisions.	CiP 2
Seeks, listens to and values other people's opinions in complex end of life decisions	CiPs 2, 3
Show willingness to seek the opinion of others when making decisions about resuscitation status, and withholding or withdrawing treatment	CiPs 3, 4
Values consensus in complex end-of-life decision making	CiPs 1, 4

2.15 Valid consent

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To obtain valid consent from the patient	
Outlines the GMC guidance on consent	CiP 1
Gives the patient and his/her carers the information and time required to make an informed decision	CiPs 3, 4
Provides a balanced honest view of treatment options	CiPs 1, 3
Respects the patient's rights to autonomy	CiP 4
Shows willingness to seek advice or offer the patient a second opinion where appropriate	CiPs 3, 4
Only obtains consent for procedures which they are not competent to perform, in accordance with GMC/regulatory guidance	CiPs 1, 3

2.16 Legal framework for practice

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To understand the legal framework within which healthcare is provided in the UK and/o in order to ensure that personal clinical practice is always provided in line with this legal	
Illustrates that all decisions and actions must be in the best interests of the patient	CiPs 1, 4
Describes the legislative framework within which healthcare is provided in the UK and/or devolved administrations, including:	
 death certification and the role of the Coroner/Procurator Fiscal child protection legislation mental health legislation (including powers to detain a patient and giving emergency treatment against a patient's will under common law); advanced directives and living Wills withdrawing and withholding treatment decisions regarding resuscitation of patients medical risk and driving Data Protection and Freedom of Information Acts IRMER 	CiP 2
Outlines sources of medical legal information	CiP 2
Describes disciplinary processes in relation to medical malpractice	CiP 2
Outlines the role the medical practitioner in relation to personal health and substance misuse, including understanding the procedure to be followed when such abuse is suspected.	CiPs 1, 2
Cooperates with other agencies with regard to legal requirements	CiP 2
Prepares appropriate medical legal statements for submission to the Coroner's Court, Procurator Fiscal and other legal proceedings and is prepared to present such material in court	CiP 2
Practices and promotes accurate documentation within clinical practice	CiP 2
Show willingness to seek advice from the employer, appropriate legal bodies (including defence societies), and the GMC on medico-legal matters	CiPs 1, 2
Incorporates legal principles into day to day practice	CiP 2
Demonstrates that all decisions and actions must be in the best interests of the patient	CiP 4

2.17 Ethical research

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To ensure that research is undertaken using relevant ethical guidelines	
Outlines the GMC guidance on good practice in research	CiP 1
Describes the components of GCP	CiP 1
Describes the background behind ethical codes for scientific research (Nuremberg, Helsinki etc.)	CiP 5
Defines the difference between audit and research	CiP 5
Demonstrates a knowledge of research principles	CiP 5
Outlines the principles of formulating a research question and designing a project	CiP 5
Comprehends principal qualitative, quantitative, biostatistical and epidemiological research methods	CiP 5
Describes the mechanism of ethical approval for research studies	CiP 5
Outlines sources of research funding	CiP 5
Discusses the ethical rationale and values the importance of scientific research	CiP 5
Discusses the potential for conflicting ethical values between patient care and scientific research and how these are resolved	CiP 5
Uses critical appraisal skills and applies these when reading literature	CiP 5
Demonstrates the ability to write a scientific paper	CiP 5
Applies for appropriate ethical research approval	CiP 5
Understands the difference between population-based assessment and unit- based studies and be able to evaluate outcomes for epidemiological work	CiP 5

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
Assesses research against the criteria to determine whether it is ethical, including:	
Social/ Scientific value	
Scientific validity	
Fair subject selection	CiP 5
Favourable risk/ benefit ratio	On 3
Independent review	
Informed consent	
Respect for potential and enrolled subjects	
Follows guidelines on ethical conduct in research and consent for research	CiP 5
Shows willingness to encourage and take part in research	CiP 5

2.18 Evidence and guidelines

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To make the optimal use of current best evidence in making decisions about the care of patients	
To develop the ability to construct evidence based guidelines and protocols in relation t	o medical practise
Outlines the principles of critical appraisal	CiPs 1, 6
Describes the advantages and disadvantages of different study methodologies (quantitative and qualitative) for different types of questions	CiP 6
Outlines levels of evidence and quality of evidence	CiP 6
Demonstrates how to apply statistics in scientific medical practice	CiP 6
Distinguishes between the use and differences between the basic measures of risk and uncertainty	CiP 6
Describes the role and limitations of evidence in the development of clinical guidelines and protocols	CiPs 1, 5
Describes how guidelines and protocols are developed (e.g. NICE and SIGN)	CiP 1
Searches the medical literature including use of PubMed, Medline, Cochrane reviews and the internet	CiPs 1, 5
Appraises retrieved evidence to address a clinical question	CiPs 1, 6
Applies conclusions from critical appraisal into patient care	CiPs 1, 6
Contributes to the construction, review and updating of local (and national) guidelines of good practice	CiPs 1, 2
Aims for best clinical practice (clinical effectiveness) at all times, as informed by evidence based medicine	CiP 1
Recognises knowledge gaps and seeks to address them	CiP 1
Keeps up to date with national reviews, key new relevant research, and guidelines of practice (e.g. NICE and SIGN)	CiP 1
Recognises the need to practise outside clinical guidelines at times	CiPs 1, 4
Communicates information about risk and risk-benefit trade- offs, in ways appropriate for the individual patient	CiPs 3, 4
Encourages discussion amongst colleagues on evidence-based practice	CiPs 1, 3, 6

2.19 Continuing professional development

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to take responsibility for personal learning and continuing professional development	
Describes how adults learn and how principles relate to personal development	CiP 1
Outlines the structure of an effective appraisal interview	CiPs 1, 6
Differentiates between appraisal and assessment and performance review	CiP 1
Discusses who to refer to if problems are identified during training	CiPs 1, 6
Develops personal development plan and portfolio to ensure continuing personal development	CiP 1
Uses workplace-based assessments and appraisals as an opportunity for personal development	CiP 1
Uses different learning methods effectively to develop personal skills and knowledge	CiP 1
Shows willingness to seek and learn from feedback	CiP 1
Show willingness to undertake workplace-based assessments	CiP1
Encourages discussions colleagues with colleagues to share knowledge and understanding	CiPs 1, 3
Maintains honesty and objectivity during appraisal and assessment	CiPs 1, 6
Recognises the importance of personal development in guiding good professional behaviour	CiPs 1, 6
Demonstrates a willingness to advance own educational capability through continuous learning	CiP 1

2.20 Teaching

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to deliver teaching in a variety settings	
Describes how adults learning principles relate to medical education	CiPs 1, 6
Demonstrates knowledge of relevant developments and challenges in medical education	CiP 6
Describes the assessment system and its place in relation to formative and summative assessment	CiPs 1, 6
Demonstrates an understanding of the place of workplace based assessments	CiPs 1, 6
Identifies learning needs of others and self and varies teaching format appropriately	CiP 6
 Structures and delivers clinical teaching sessions effectively, including: Small group teaching Presentations Lectures Bed side teaching sessions Appropriate design and use of audiovisual aids Allowing active audience participation 	CiP 6
Communicates feedback effectively and appropriately	CiPs 3, 6
Undertakes supervision, workplace-based assessments, appraisal, mentoring as appropriate	CiP 6
Recognises the trainee in difficulty and take appropriate action, including where relevant referral to other services	CiPs 4, 6
Leads departmental teaching programmes including journal clubs	CiP 6
Participates in strategies aimed at improving patient education, e.g. talking at support group meetings	CiPs 4, 6
Maintains dignity and safety of patients at all times when discharging educational duties	CiPs 4, 6
Shows willingness to seek and learn from feedback	CiPs 1, 6
Demonstrates willingness to teach trainees and other health and social workers in a variety of settings	CiP 6

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
Demonstrates consideration for learners, including their emotional, physical and psychological well being with their development needs.	CiP 6
Acts to ensure equality of opportunity for students, trainees, staff and professional colleagues	CiPs 1, 6
Shows willingness to undertake assessment of workplace-based assessments	CiP 6
Maintains honesty and objectivity during appraisal and assessment	CiP 6
Recognises the importance of personal development in guiding trainees in aspects of good professional behaviour	CiP 6

2.21 Management and NHS structure

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To understand the structure of the NHS and the management of local healthcare systen in order to be able to participate fully in managing healthcare provision	าร
Outlines the guidance given on management and doctors by the GMC	CiP 1
Understands the local structure of NHS systems in your locality, recognising potential differences between the four countries of the UK	CiP 1
Evaluates major national reports on cancer care e.g. Cancer Reform Strategy, National Radiotherapy Advisory Group and National Chemotherapy Advisory Group reports	CiP 1
Evaluates possible future developments in the organisation of cancer services	CiPs 1, 2, 4
Describes the local structure of NHS systems in the locality, including the department's management and committee structure recognising the potential differences between the four countries of the UK	CiP 1
Describes how cancer services are commissioned for patients	CiP 1
Understands the consistent debates and changes that occur in the NHS including the political, social, technical, economic, organisational and professional aspects that can impact on provision of service	CiP 1
 Describes the principles of: Clinical coding European Working Time Regulations including rest provisions NHS finance and budgeting Consultant contract and the contracting process Resource allocation The role of the independent sector as providers of healthcare Patient and public involvement processes and role Recruitment and appointment procedures 	CiP 1
Participates in managerial meetings	CiP 1
Works with stakeholders to create and sustain a patient-centred service	CiPs 1, 3, 4
Analyses information and uses it appropriately to promote service developments	CiPs 1, 5
Prioritises use of resources, including allocating beds and making best use of staffing resources, particularly when these are stretched by competing demands	CiPs 1, 4

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
Recognises the importance of equitable allocation of healthcare resources and of commissioning	CiP 1
Recognises the role of doctors as active participants in healthcare systems	CiP 1
Responds appropriately to health service objectives and targets and take part in the development of services	CiP 1
Recognises the role of patients and carers as active participants in healthcare systems and service planning	CiPs 1, 4
Takes an active role in promoting the best use of healthcare resources	CiP 1
Shows willingness to improve leadership and managerial skills (e.g. management courses) and engage in leadership and management of the service (e.g. to be a member of departmental and cancer network committees)	CiPs 1, 6

3. Introductory module

3.1 Authorising chemotherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to review a patient receiving cytotoxic chemotherapy.	
To authorise the next cycle of previously-prescribed treatment, enabling treatment to proceed	
Describes safe handling of cytotoxic drugs	CiPs 7, 12
Describes the methods of calculating the correct dose of chemotherapy	CiPs 7, 12
Describes the possible side effects of treatment	CiPs 7, 9, 11, 12
Takes a focused history to ensure that patient's condition has not changed since treatment was prescribed	CiPs 8, 9, 11, 12
Identifies when the dose should be reduced or the cycle delayed	CiPs 8, 9, 12
Elicits patient and carers concerns about treatment and ensures that they are addressed appropriately	CiPs 4, 8, 9, 11, 12
Ensures that patient has all relevant written information regarding treatment, especially emergency contact instructions	CiPs 8, 12
Remains open to advice from other health professionals on chemotherapy issues	CiPs 8, 9, 12

3.2 Prescribing chemotherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to prescribe cytotoxic chemotherapy within local guidelines, continuing a planned course of treatment (but not initiate first cycle of treatment)	
Describes the common side effects of chemotherapy in common use	CiP 12
Describes the use of supportive measures both pharmacological and non pharmacological to treat toxic effects of chemotherapy	CiPs 7, 8, 9, 12
Describes methods of assessing tumour response	CiP 12
Defines the effects of age, body size, organ dysfunction and concurrent illnesses on drug distribution and metabolism of cytotoxic drugs	CiPs 7, 11, 12
Describes interactions between chemotherapy and other commonly prescribed drugs	CiPs 7, 8, 9, 11, 12
Takes a focused history and performs a relevant examination to assess tumour response, side effects of treatment, patient's performance status and co-morbidities	CiPs 11, 12
Assesses toxicity of the previous cycle of chemotherapy	CiP 12
Modifies the dose of chemotherapy correctly in response to clinical findings and laboratory parameters	CiP 12
Ensures appropriate arrangements are in place for subsequent patient review	CiPs 11, 12
Uses electronic prescribing system where available to improve patient safety	CiP 12
Ensures treatment information is shared promptly and accurately with patient's GP and other specialties involved in supporting the patient	CiPs 9, 11, 12

3.3 Safety in radiation treatment

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be aware of issues of patient and personal safety with regard to radiation treatment	
Describes IRMER regulations and the procedures in place in the department to comply with these	CiPs 17, 18
Identifies the requirement for an ARSAC certificate	CiPs 17, 18

3.4 Outpatient consultation

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to structure an outpatient consultation and to communicate with patients, and carers where appropriate, clearly and in an empathetic manner	
Recognises that patients do not present a history in a structured fashion	CiPs 3, 11
Recognises that patient's wishes and beliefs and the history should inform examination and investigations	CiPs 3, 11
Discusses the need for targeted clinical examination	CiPs 3, 11
Discusses the limitations of physical examination and the need for appropriate investigations to confirm a diagnosis	CiPs 3, 11
Assesses and summarises the previous hospital notes	CiP 3
Greets patient appropriately and establishes a rapport, overcoming barriers to communication	CiPs 3, 11
Elicits patient's main concerns	CiPs 3, 11
Performs focused history and examination	CiPs 3, 11
Determines the level of information the patient wishes to receive	CiPs 3, 11, 12
Explains the current situation to the patient and if necessary breaks bad news	CiPs 3, 11, 12
Negotiates agreed outcomes with the patient	CiPs 3, 11
Organises appropriate investigations, treatment and referrals to other professionals	CiPs 3, 11
Communicates clearly in the notes and in the letter to the referring doctor and GP	CiPs 3, 11, 12
Treats patients with respect and without discrimination, is polite, considerate and honest, shows respect for dignity and privacy.	CiPs 3, 11, 12
Treats patients fairly and as individuals	CiP3
Shows empathy with the patient's situation and offers appropriate emotional support	CiPs 3, 11
Ensures appropriate personal language and behaviour	CiPs 3, 11, 12
Shows willingness to provide the patient with a second opinion	CiPs 3, 11

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
Uses different methods of ethical reasoning to come to a balanced decision where complex and conflicting issues are involved	CiPs 2, 3
Behaves in accordance with Good Medical Practice	CiPs 3, 12

3.5 Breaking bad news

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to skilfully deliver bad news using appropriate strategies according to the needs of the patients	
Describes models of breaking bad news	CiP 3
Discusses the range of likely reactions to bad news	CiP3
Discusses the different connotations of bad news depending on the context, individual, social and cultural circumstances	CiPs 3, 8, 9, 11, 12
Recognises the impact of bad news on the patient, carers, staff members and self	CiPs 3, 8, 9, 11, 12
Structures interview appropriately and ensures that patient has the necessary support during the interview	CiPs 3, 11
Responds to verbal and non-verbal cues from patient and carers	CiPs 3, 11
Elicits patient's main concerns	CiPs 3, 8, 9, 11, 12
Determines the level of information the patient wishes to receive	CiPs 3, 8, 9, 11, 12
Explains situation to the patient and carers using appropriate language	CiPs 3, 8, 9, 11, 12
Encourages questioning and ensures patient understands information given	CiPs 3, 8, 9, 11, 12
Ensures that appropriate on going support and follow up arrangements are in place	CiPs 3, 8, 9, 11, 12
Respects the different ways that patients react to bad news	CiP 3
Shows empathy with the patient's situation and offers appropriate emotional support	CiP 3
Shows respect for the opinions of other team members regarding a patient's likely and on going response to bad news	CiPs 3, 8, 9, 11
Encourages team working to ensure that patients receiving bad news have appropriate support	CiPs 3, 8, 9, 11

4. Oncology emergencies syllabus

4.1 Infections

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to diagnose and manage infections, especially in immunocompromised patients	
Lists the infections that occur commonly in cancer patients undergoing treatment and describes how to diagnose them	CiPs 8, 9, 12
Quotes/states the antibiotic, antiviral and antifungal policies of the hospital	CiPs 8, 9, 12
Takes a focused history and performs a focused examination	CiPs 3, 8, 9
Requests appropriate investigations and interprets imaging	CiPs 8, 9, 11, 12
Resuscitates patients and prescribes appropriate supportive care and antibiotics	CiPs 8, 9
Evaluates the importance of prognosis in influencing escalation of treatment	CiPs 8, 9
Recognises when escalation of care to HDU/ITU is indicated and appropriate	CiPs 8, 9
Discusses treatment with patient and carers	CiPs 8, 9, 11, 12
Determines and institutes initial clinical management and liaises with other specialities as appropriate	CiPs 9, 10, 11, 12

4.2 Spinal cord compression

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to diagnose and manage spinal cord compression	
Describes the symptoms and signs of spinal cord compression	CiPs 8, 9
Identifies the appropriate radiological investigations	CiPs 8, 9
Describes the roles of steroids, surgery, radiotherapy and rehabilitation	CiPs 8, 9, 16
Assesses the level of spinal cord compression clinically	CiPs 8, 9
Interprets MRI imaging	CiPs 14
Discusses options with patient and colleagues and recommends most appropriate management	CiPs 8, 9, 16
Plans radiotherapy treatment under appropriate supervision	CiPs 16
Plans appropriate supportive care/rehabilitation	CiPs 8, 9, 16

4.3 Cancer related venothromboembolism (VTE)

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to manage cancer related veno-thromboembolic events	
Describes the symptoms, signs, laboratory and imaging findings (including incidental / unsuspected VTE)	CiPs 8, 9
Describe the management with reference to local, national and international guidelines where available	CiPs 8, 9
Performs a focused history and examination and is able to develop a differential diagnosis clinically	CiPs 8, 9
Determines the blood tests and imaging studies required and interprets them	CiPs 8, 9
Evaluates the treatment options and how the patient's prognosis and bleeding risk may influence these	CiPs 8, 9
Determines and institutes initial clinical management and liaises with other specialities as appropriate Outlines the follow-up arrangements for the patient including any root-cause analyses process/ audit process	CiPs 8, 9, 12
Recognises when escalation of care to HDU/ITU is indicated and appropriate	CiPs 8, 9

4.4 Superior vena cava obstruction (SVCO)

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to diagnose and manage SVCO	
Describes the symptoms and signs of SVCO	CiPs 8, 9, 11
Lists the differential diagnosis	CiPs 8, 9, 11
Describes the role of different treatment modalities	CiPs 8, 9, 11
Performs a focussed history and examination and recognises the diagnosis clinically	CiPs 8, 9, 11
Interprets imaging	CiPs 8, 9, 11
Discusses diagnostic and treatment options with patient and colleagues and recommends the most appropriate pathway	CiPs 8, 9
Plans radiotherapy/chemotherapy treatment as appropriate, under supervision	CiPs 12, 15, 16

4.5 Metabolic disorders

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to diagnose and manage metabolic disorders commonly associated with cancer, including hypercalcaemia, hyperuricaemia, tumour lysis syndrome, hypo/hyperglycaemia and hyperbilirubinaemia	
Describes the symptoms, signs and laboratory findings of metabolic disorders associated with cancer	CiPs 8, 9, 11
Lists the differential diagnosis of the possible causes	CiPs 8, 9, 11
Describes measures to reduce the risk of occurrence where appropriate	CiPs 8, 9, 11
Determines the blood tests and imaging studies required to establish a diagnosis and interprets them	CiPs 8, 9, 11
Determines and institutes initial clinical management and liaises with other specialities as appropriate	CiPs 8, 9, 11
Recognises when escalation of care to HDU/ITU is indicated and appropriate	CiPs 8, 9

4.6 Organ failure

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to manage major organ failure: respiratory/cardiovascular failure, renal failure and hepatic failure	
Describes the symptoms, signs, laboratory and imaging findings	CiPs 8, 9, 11
Lists the differential diagnosis of the possible causes	CiPs 8, 9
Performs a focused history and examination and is able to develop a differential diagnosis clinically	CiPs 8, 9
Determines the blood tests and imaging studies required and interprets them	CiPs 8, 9
Evaluates the treatment options and how the patient's prognosis influences these	CiPs 8, 9
Determines and institutes initial clinical management and liaises with other specialities as appropriate	CiPs 8, 9
Recognises when escalation of care to HDU/ITU is indicated and appropriate	CiPs 8, 9

4.7 Reduced conscious level

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to manage major organ failure: respiratory/cardiovascular failure, renal failure and hepatic failure	
Describes the symptoms, signs, laboratory and imaging findings	CiPs 8, 9
Lists the differential diagnosis of the possible causes	CiPs 2, 8, 9
Performs a focused history and examination and is able to develop a differential diagnosis clinically	CiPs 8, 9
Determines the blood tests and imaging studies required and interprets them	CiPs 8, 9
Evaluates the treatment options and how the patient's prognosis influences these	CiPs 8, 9, 11, 12
Determines and institutes initial clinical management and liaises with other specialities as appropriate	CiPs 8, 9, 12
Recognises when escalation of care to HDU/ITU is indicated and appropriate	CiPs 8, 9

5. Site-specific learning outcomes

5.1 Radiology

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to relate clinical and radiological anatomy to diagnosis and therapy	
Describes clinical and radiological anatomy	CiPs 14, 15, 16
Identifies landmarks, key structures including vessels, lymph nodes on CT and MRI	CiPs 14, 15, 16
Interprets X-ray, CT, MRI and PET imaging	CiPs 14, 15, 16

5.2 Diagnosis and staging

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to diagnose and stage cancer	
Discusses the epidemiology and aetiology of the cancer, including: the general principles of tumour biology the genetics of normal and malignant cells the causation of human cancers the normal and aberrant mechanisms of cell growth control	CiPs 7, 10, 13
Describes the indications for urgent referral by GP	CiPs 3, 8, 9, 10, 11, 13
Describes the staging and prognostic indices	CiPs 7,10, 13
Describes the pathological techniques available and limitations of histology and immunohistochemistry and other specialist techniques, e.g. molecular biological techniques	CiPs 7, 10, 13
Performs a focussed history and examination	CiPs 2, 3, 8, 9, 10, 11, 12
Recommends appropriate diagnostic and staging investigations	CiPs 2,3,8,9,10,11,12

5.3 Prognosis

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to assess prognosis	
Describes factors that influence prognosis	CiPs 4, 7, 8, 9, 10, 11, 12, 13, 15, 16
Assesses the effect of performance status, stage, age, co-morbidity, histological type and other prognostic factors on outcome	CiPs 4, 7, 8, 9, 10, 11, 12, 13, 15, 16

5.4 Genetics

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to assess if there is a significant genetic basis for the cancer	
Describes the principles of cancer genetics	CiPs 7, 11
Describes the features of the personal and family medical history that indicate a high risk of a genetic basis of the disease	CiPs 7, 11
Describes when referral for genetic counselling is appropriate	CiPs 7, 11
Explains how a gene abnormality affects the patient's prognosis	CiPs 7, 11
Recognises the impact that discovery of a genetic abnormality may have on the patient and his/her family	CiPs 7, 11
Acquires an accurate family history	CiPs 7, 11
Discusses the possibility of referral for genetic counselling with the patient	CiPs 7, 11
Explains to the patient how the treatment options may be altered by a genetic abnormality	CiPs 7, 11
Demonstrates willingness to facilitate patient choice regarding decision to undergo genetic testing	CiPs 7, 11

5.5 Discussion of treatment options

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to discuss treatment options in the light of understanding of the prognosis	
Predicts the effects of treatment on prognosis	CiPs 7, 8, 9, 10, 11, 12, 13, 15, 16
Recognises when radical and when palliative treatments are appropriate	CiPs 7, 8, 9, 10, 11, 12, 13, 15, 16
Informs patients of treatment options and discusses individual risk/benefit	CiPs 3, 4, 7, 8, 9, 10, 11, 12, 13, 15, 16
Communicates appropriately with a wide variety of patients including:	CiPs 3, 4, 7, 8, 9, 10,
 working with interpreters to deal with patients from diverse backgrounds communicating with patients with special educational needs and their carers 	11, 12, 13, 15, 16

5.6 Multi-disciplinary team (MDT) meetings

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to take part in discussions in tumour-site specific MDT meetings	
Describes the indications for treatment and the risks and benefits of different treatment options	CiPs 7, 8, 9, 10
Describes the results of major randomised trials that have influenced present practice	CiPs 5, 7, 10, 13, 19
Describes major national guidelines	CiPs 5, 7, 10, 13, 19
Assesses potential risks and benefits of treatment options for the individual patient	CiPs 4, 5, 7, 8, 9, 10, 11, 15, 16, 19
Discusses treatment options within the MDT meeting	CiP 10

5.7 Evaluating research

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to evaluate and synthesise research evidence to change practice	
Evaluates the published research evidence	CiPs 5, 7, 11, 19
Evaluates ongoing trials of both radiotherapy and systemic therapy	CiPs 5, 7, 11, 19
Evaluates the national and international guidelines including NICE	CiPs 5, 7, 11, 19
Discusses evidence at MDT with regard to specific patients	CiPs 5, 7, 10, 11, 19
Discusses involvement in clinical trials with colleagues	CiPs 5, 7, 10, 11, 19
Revises or develops departmental, evidence based guidelines for the management of tumour sites	CiPs 5, 7, 11, 19
Formulates plans to introduce new treatments and techniques to a department	CiPs 5, 7, 11, 19

5.8 First line chemotherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to assess patients for first line chemotherapy	
Describes the mode of action of cytotoxic drugs and the principles of clinical use of systemic therapies	CiPs 7, 12
Discusses the principles of pharmacokinetics and pharmacodynamics	CiPs 7, 12
Describes drug protocols	CiPs 7, 12
Evaluates the benefits and toxicity of chemotherapy	CiPs 7, 8, 9, 10, 11, 13
Decides which regimes are appropriate in the clinical situation	CiPs 7, 8, 9, 10, 11, 13
Describes tests, procedures or other arrangements required prior to therapy	CiPs 7, 8, 9, 10, 11, 13
Elicits the patient's wishes with regard to the aims of treatment	CiPs 7, 8, 9, 10, 11, 13
Performs an appropriate history & examination	CiPs 7, 8, 9, 10, 11, 13
Assesses performance status and evaluates the information to inform the treatment plan	CiPs 7, 8, 9, 10, 11, 13

5.9 Discussing treatment options

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to discuss treatment options in the light of understanding of the prognosis	
Describes the acute and long term risks of chemotherapy	CiPs 3, 8, 9, 10, 11, 13
Describes the aims of treatment and the prognosis	CiPs 3, 4, 8, 9, 10, 11, 13
Explains these issues and the risk/benefit ratio to the patient	CiPs 3, 4, 8, 9, 10, 11, 13
Completes the consent form accurately with the patient	CiPs 3, 4, 8, 9, 10, 11, 13

5.10 Initiating chemotherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to prescribe the first course of chemotherapy	
Describes the acute and long term side effects of the chemotherapy	CiPs 7, 12
Describes the importance of biochemical, haematological and radiological parameters in determining dose of chemotherapy	CiPs 7, 12
Describes the supportive measures both pharmacological and non- pharmacological to treat toxic effects of chemotherapy	CiPs 7, 12
Generates an appropriate systemic therapy prescription which is safe, accurate and meets local and national standards	CiPs 1, 7, 12

5.11 Managing patients receiving chemotherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to manage patients undergoing radical and palliative chemotherapy treatment regimens	
Describes the physiology of haemopoiesis	CiP 7
Describes the clinical pharmacology and uses of steroids and anti-emetics	CiPs 7, 12
Describes the acute and long term side-effects of chemotherapy	CiPs 7, 12
Describes how to assess tumour response	CiPs 11, 12
Develops a management plan for the patient during the chemotherapy including the management of side effects	CiPs 7, 8, 9, 11, 12
Prescribes supportive treatments	CiP 12
Judges when to stop or continue treatment	CiPs 8, 9, 11, 12

5.12 Initiating hormonal therapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to assess patients for treatment and prescribe hormonal therapy	
Describes common drug protocols	CiPs 7, 11, 12
Evaluates the benefits and toxicity of treatment	CiPs 7, 11, 12
Decides which regimes are appropriate in the clinical situation	CiPs 7, 11, 12
Describes the tests, procedures and other arrangements required prior to and during therapy	CiP 12
Elicit the patient's wishes with regard to the aims of treatment	CiPs 3, 11, 12
Performs an appropriate history and examination	CiPs 11,12
Assesses performance status	CiPs 11, 12
Generates an appropriate systemic therapy prescription which is safe, accurate and meets local and national standards	CiPs 1, 7, 12

5.13 Managing patients receiving hormonal therapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to manage patients undergoing hormonal therapy	
Describes the acute and long term side-effects of hormonal therapy	CiPs 7, 12
Describes how to assess tumour response	CiPs 11, 12
Develops a management plan for the patient during hormonal therapy including the management of side effects	CiPs 7, 8, 9, 11, 12
Prescribes supportive treatments	CiP 12
Judges when to stop or continue treatment	CiPs 8, 9, 11, 12

5.14 Assessing patients for biological therapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to assess patients for treatment with monoclonal antibodies, tyrosine kinase inhibitors, interferons, interleukins	
Describes the principles of biological and novel therapies	CiP 7
Describes common drug protocols	CiPs 7, 11, 12
Evaluates the benefits and toxicity of treatment	CiPs 7, 11, 12
Decides which regimes are appropriate in the clinical situation	CiPs 7, 11, 12
Describes the tests, procedures and other arrangements required prior to therapy	CiP 12
Elicits the patient's wishes with regard to the aims of treatment	CiPs 3, 11, 12
Performs an appropriate history and examination	CiPs 11, 12
Assesses performance status	CiPs 11, 12

5.15 Consent for biological therapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to consent patients for treatment with monoclonal antibodies, tyrosine kinase inhibitors, interferons, interleukins	
Describes the acute and long term risks of treatment with monoclonal antibodies, tyrosine kinase inhibitors, interferons, interleukins	CiPs 7, 12
Describes the aims of treatment and the prognosis	CiPs 7, 11, 12
Explains about these issues and the risk/benefit ratio to the patient	CiPs 3, 11, 12
Completes the consent form accurately with the patient	CiPs 3, 11, 12

5.16 Initiating biological therapies

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to prescribe the first course of treatment with monoclonal antibodies, tyrosine kinase inhibitors, interferons and interleukins	
Describes the acute and long term side effects of the therapies	CiPs 7, 12
Describes the importance of biochemical, haematological and radiological parameters in determining whether the treatment can be safely given	CiPs 7, 12
Describes the supportive measures both pharmacological and non-pharmacological to treat toxic effects of therapy	CiPs 7, 12
Generates an appropriate systemic therapy prescription which is safe, accurate and meets local and national standards	CiPs 1, 7, 12

5.17 Managing patients receiving biological therapies

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to manage patients undergoing treatment with monoclonal antibodies, tyrosine kinase inhibitors, interferons and interleukins	
Describes the acute and long term side-effects of these therapies	CiPs 7, 12
Describes how to assess tumour response	CiPs 11, 12
Develops a management plan for the patient during the administration of the therapy including the management of side effects	CiPs 7, 8, 9, 11, 12
Prescribes supportive treatments	CiP 12
Judges when to stop or continue treatment	CiPs 8, 9, 11, 12

5.18 Assessing patients for radiotherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to assess patients for radical and palliative radiotherapy	
Discusses basic physics relevant to radiotherapy, electromagnetic radiation and sub atomic particles and their interactions of with matter.	CiP 7
Discusses the indications for radiotherapy	CiPs 11, 15, 16, 17, 18
Describes its side effects	CiPs 11, 15, 16, 17, 18
Evaluates the benefits and toxicity of treatment	CiPs 11, 15, 16, 17, 18
Describes tests, procedures or other arrangements required prior to therapy	CiPs 11, 14, 15, 16, 17, 18
Elicit the patient's wishes with regard to the aims of treatment	CiPs 3, 11
Performs an appropriate history and examination	CiPs 11, 15, 16, 17, 18
Assess performance status and use the information to inform the treatment plan	CiPs 11, 15, 16, 17, 18

5.19 Consent for radiotherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to obtain informed consent from patients for radiotherapy	
Describes the acute and long term risks of radiotherapy	CiPs 3, 14, 15, 16, 17, 18
Discusses the aims of treatment and the prognosis	CiPs 15, 16, 17, 18
Explains these issues and the risk/benefit ratio with patients	CiPs 3, 4, 14, 15, 16, 17, 18
Completes the informed consent form accurately with the patient	CiPs 2, 14, 15, 16, 17, 18

5.20 Radiotherapy treatment strategy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to develop a radiotherapy treatment strategy	
Describes the principles of radiation dosimetry, the physics of teletherapy beams (x-rays), electron beam physics and radiotherapy planning	CiP 7
Describes the patient position and immobilization technique	CiPs 14, 15, 18
Describes the method of tumour localisation	CiPs 14, 15, 16, 17, 18
Evaluates the benefits and risks of the possible radiotherapy delivery techniques including consideration of beam arrangements static and rotational IMRT and SABR	CiPs 14, 15, 16, 18
Describes the indications and aims of IGRT and evaluates the methods available	CiPs 14, 15, 16
Communicate effectively to the planning radiographers the imaging and treatment strategy	CiPs 3, 6, 10
Records all aspects of the planning process clearly	CiP 3

5.21 Radiotherapy treatment volume

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to determine the gross tumour volume (GTV), clinical target volume (CTV), internal target volume (ITV), planning target volume (PTV), organs at risk (OAR) and planning organs at risk volume (PRV) as appropriate for radiotherapy	
Interprets diagnostic imaging (including CT, PET and MRI)	CiP 14
Describes the use of cross-sectional imaging in planning	CiP 14
Discusses the clinical and radiological parameters associated with 2-D, 3-D, 4-D planning in conformal radiotherapy, IMRT and VMAT	CiPs 15, 16
Specifies the dose and tissue constraint for the organs at risk.	CiPs 15, 16
Defines GTV, CTV, ITV and PTV	CiPs 14, 15, 16
Defines organs at risk, outlines them and defines planning organs at risk volume (PRV)	CiPs 14, 15, 16
Defines DVH planning constraints	CiPs 7, 15, 16
Balances tumour control against potential damage to organs at risk	
Explains changes in dose constraints depending on dose per fraction based on application of radiobiology and tolerance doses	CiPs 7, 15, 16

5.22 Radiotherapy treatment plan

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to evaluate a radiotherapy treatment plan	
Describes the ICRU guidelines	CiPs 7, 15, 16, 17, 18
Assesses critically the dose distribution within the treatment volume and organs at risk	CiPs 7, 15, 16, 18
Evaluates whether a treatment plan is adequate and develops ways of improving an inadequate plan	CiPs 15, 16, 18

5.23 Prescribing palliative radiotherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to prescribe appropriate dose and fractionation schedule for palliative radiotherapy	
Describes the general principles of radiobiology, including normal tissue and population radiobiology	CiPs 7, 16, 18
Describes dose/fractionation schedules in common use.	CiPs 7, 16, 18
Decides an appropriate treatment schedule according to stage of disease, performance status of patients and concomitant systemic therapy	CiPs 4, 16, 18, 19

5.24 Prescribing radical radiotherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to prescribe appropriate dose and fractionation schedule for radical radiotherapy	
Lists the parameters that should be included when writing a radiotherapy prescription	CiPs 15, 18
Describes dose/fractionation schedules in common use.	CiPs 7, 15, 18
Decides an appropriate treatment schedule according to stage of disease, performance status of patients and concomitant systemic therapy	CiPs 4, 15, 18, 19

5.25 Modifying radiotherapy for individual patients

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to modify treatment plans according to patient's individual needs, pre-morbid conditions etc	
Describes normal tissue morbidity and its impact on target volume definition.	CiPs 7, 15, 16, 18
Describes risks of re-treatment with radiation based on normal tissue tolerance limits	CiPs 7, 15, 16, 18
Judges how to modify treatment plans based on patient's co-morbidity	CiPs 4, 15, 16, 17, 18
Assesses when re-treatment is acceptable and prescribes appropriate dose and fractionation	CiPs 4, 7, 15, 16, 18

5.26 Verifying radiotherapy treatments

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to verify a treatment plan	
Describes the processes that may be used to ensure that the radiotherapy prescription is correctly implemented	CiPs 4, 14
Describes the use of digitally reconstructed radiographs	CiP 14
Describes the use of portal imaging	CiP 14
Discusses the quality assurance of IMRT and VMAT plans	CiPs 15, 16
Describes the type of IGRT techniques (planar and volumetric) and the value of each approach	CiPs 7, 15, 16
Assesses accuracy of patient set-up and recommends adjustments	CiPs 14, 15, 16

5.27 Principles of proton therapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be aware of the principles and clinical implications of proton therapy	
Describes the theoretical benefits and risks of proton therapy	CiP 19
Discusses the indications for proton therapy	CiP 19

5.28 Clinical implications of brachytherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be aware of the clinical implications of brachytherapy using sealed and unsealed sources	
Describes the principles of radiotherapy physics related brachytherapy	CiP 18
Discusses the indications for and aims of treatment	CiP 18
Describes the methods available	CiP 18
Describes the acute and long term toxicities and can discuss the organs at risk	CiP 18
Describes the principles of dose prescription	CiPs 7, 18
Describes the radiation protection issues	CiPs 4, 18
Recognises requirement for ARSAC certificate	CiP 2
Applies radiation protection principles when assessing patients receiving brachytherapy	CiPs 2, 18

5.29 Performing a brachytherapy procedure

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to perform a brachytherapy procedure using sealed sources	
Describes the relevant anatomy	CiP 14
Describes the appropriate investigations prior to and after treatment	CiP11
Describes the patient position and any appropriate immobilisation techniques	CiP 18
Discusses the radiation protection issues.	CiP 18
Describes the concomitant therapies to reduce or treat toxicity	CiP 18
Recognises requirement for ARSAC certificate	CiP 18
Assesses individual patients and balances the benefits against the risks	CiP 3
Elicit the patient's wishes with regard to the aims of treatment	CiP 3
Explains the aims and risks to the patient and takes informed consent	CiPs 3, 18
Communicate effectively with the radiographers, physicists, theatre staff, ward nurses with regards to the appropriate imaging and treatment strategy	CiP 3
Records all aspects of the process clearly	CiP 5
Performs the procedure correctly	CiP 18
Prescribes the radiation dose balancing tumour control against potential damage to the organs at risk	CiP 18
Supports the patient through the treatment and side effects	CiPs 13, 18
Advises the patient, their relatives and staff with regard to radiation protection issues	CiPs 3, 18
Liaises with the radiation protection advisor, including radiation protection supervisors and medical physics experts	CiPs 3, 18

5.30 Prescribing brachytherapy using an unsealed source

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to prescribe brachytherapy using an unsealed source	
Describes the appropriate investigations prior to and after treatment	CiP 17
Discusses the radiation protection issues	CiP 17
Describes the concomitant therapies to reduce or treat toxicity	CiP 17
Recognises the requirement for an ARSAC certificate	CiP 17
Assesses individual patients and balances the benefits against the risks	CiP3
Elicits the patient's wishes with regard to the aims of treatment	CiP3
Explains the aims and risks to the patient and takes informed consent	CiPs 3, 17
Communicates effectively with the planning radiographers, physicists and ward nurses as appropriate the treatment strategy	CiP3
Records all aspects of the process clearly	CiP 5
Administers the isotope safely	CiP 17
Prescribes the dose balancing tumour control against potential damage to the organs at risk	CiP 17
Supports the patient through the treatment and side effects	CiPs 13, 17
Advises the patient, their relatives and staff with regard to radiation protection issues	CiPs 3, 17
Liaises with the radiation protection advisor, including radiation protection supervisors and medical physics experts	CiPs 3, 17
Advises the patient, their relatives and staff with regard to radiation protection issues	CiPs 3, 18
Liaises with the radiation protection advisor, including radiation protection supervisors and medical physics experts	CiP3, 18

5.31 Assessing and managing patients undergoing radiotherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to assess and manage patients undergoing radiotherapy	
Describes early reactions to radiotherapy and their management	CiPs 3, 15, 16
Assesses and treats patients in an on-treatment clinic	CiPs 15,16

5.32 Modifying a course of radiotherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to modify a course of radiotherapy treatment for individual patients according to severity of reactions including adjustment for gaps in treatment	
Discusses how radiobiological principles impact on radical radiotherapy	CiPs 7, 15
Lists possible strategies for dealing with treatment gaps	CiPs 7, 15
Judges how to modify a course of radiotherapy treatment depending on acute toxicity and unplanned gaps in treatment	CiPs 7, 15

5.33 Assessing patients for combined modality therapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to assess patients for combined modality therapy	
Discusses the interaction between chemotherapy and radiotherapy (before, during or following radiation)	CiPs 3, 15
Discusses the circumstances in which combined modality therapy might be considered	CiPs 11, 15
Elicits the patient's wishes with regard to the aims of treatment	CiP3
Discusses the side effects and risk/benefit ratio with patients	CiPs 3,15

5.34 Emerging techniques

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to discuss treatment with protons or neutrons	
Discusses the reasons why treatment with protons or neutrons treatments are sometimes desirable	CiPs 7, 15
Discusses the clinical indications for proton and neutron treatments	CiP 15

5.35 Obtaining informed consent for clinical trials and maintaining research records

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to consent patients for Phase II and Phase III trials and maintain appropriate research records	
Discusses research ethics	CiPs 1, 2, 5, 19
Describes Good Clinical Practice	CiPs 5, 19
Discusses option of entering a clinical trial with the patient	CiPs 5, 7, 11, 19

5.36 Diagnosing relapse

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to diagnose relapse	
Describes the signs and symptoms, changes in tumours markers and imaging findings that may be associated with relapse	CiPs 9, 11
Performs an appropriate history and examination	CiPs 11, 16
Decides on appropriate investigations for patients suspected of having relapsed	CiPs 8, 11, 12
Interprets imaging (X-rays, CT, MRI, PET)	CiP 14

5.37 Developing a management plan for patients whose disease has relapsed

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to develop a management plan for patients whose disease has relapsed.	
Discusses the roles of surgery, interventional radiology, radiotherapy, chemotherapy, monoclonal antibodies, tyrosine kinase inhibitors, interferons, interleukins, symptom control and palliative care in patients with relapsed disease	CiPs 11, 12, 16
Elicits the patient's wishes with regard to the aims of treatment	CiP 3

5.38 Assessing patients for second and further lines of systemic anticancer therapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to assess patients for appropriate second and further lines of chemotherapy, monoclonal antibodies, tyrosine kinase inhibitors, interferons or interleukins	
Describes the molecular biology of chemotherapy drug resistance	CiPs 7, 12
Discusses the role of 2nd and further lines of chemotherapy and monoclonal antibodies, tyrosine kinase inhibitors, interferons, interleukins	CiP 12
Discusses different patient motives (coping, survival enhancement, improvement of quality of life)	CiPs 3, 9, 11, 12
Assesses patient's fitness for treatments e.g., by performance status	CiP 12
Prescribes common therapeutic regimes	CiP 12
Assesses whether the outcomes of the therapy are meeting the patient's needs and discusses this with them	CiPs 3, 10, 12

5.39 Adjusting a chemotherapy regimen according to patient fitness

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to adjust choice of second and further lines of chemotherapy regimen according to patient fitness	
Discusses the problems associated with treatment regimens in pre-treated patients, the elderly, those with comorbidity and patients with lower performance status	CiPs 3, 7, 9
Modifies treatment plan appropriately for individual patients	CiPs 2, 3, 4, 11, 12, 13
Judges when to continue or stop treatment	CiPs 10, 11, 12

5.40 Assessing response to second and subsequent lines of chemotherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to assess response to second and subsequent lines of chemotherapy	
Discusses the aims of treatment	CiP 3, 12
Assesses response according to RECIST criteria	CiP 14

5.41 Recognising when further chemotherapy is inappropriate

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to recognise when further or continuing chemotherapy is inappropriate	
Discusses the palliative options available to a patient who is not responding to /tolerating treatment	CiP 3, 9, 12
Communicates bad news to the patient and their relatives	CiP 3, 4
Negotiates stopping treatment with the patient and their relatives	CiP 3, 4
Organises palliative supportive care	CiP 8, 9, 10

5.42 Assessing patients with relapsed cancer for palliative radiotherapy

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to assess patients with relapsed cancer for palliative radiotherapy	
Discusses the radiobiological consequences of retreatment if appropriate	CiPs 3, 7, 17
Elicits the patient's wishes with regard to the aims of treatment	CiPs 3, 4
Discusses the role of radiotherapy and risk/benefit with individual patients	CiPs15, 16, 17, 18

5.43 Identifying when patients with relapsed disease require referral to another specialty

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to identify when patients with relapsed disease require referral to another speciality	
Describes the indications for surgical, radiological intervention and high dose chemotherapy with autologous or allogeneic transplantation	CiPs10, 12
Elicits the patient's wishes with regard to the aims of treatment	CiPs 3, 11
Develops an appropriate treatment plan for individual patients	CiPs 7, 11, 12

5.44 Managing physical symptoms of patients with relapsed cancer

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum	
To be able to manage the physical symptoms of patients with relapsed cancer		
Outlines the clinical pharmacology of analgesics, steroids and anti-emetics.	CiP8	
Discusses the differential diagnosis of symptoms in patients with relapsed cancer both due to metastatic and the non-metastatic manifestations of malignancy	CiPs 8, 9, 10	
Describes the appropriate investigations	CiP 14	
Describes the treatment options available	CiPs 7, 11	
Performs a focused history and examination	CiP3,	
Discusses the options with the patient	CiPs 3, 7	
Advises the patient as to the management plan most likely to improve their symptoms	CiP 3	
Prescribes drugs for palliation of symptoms including in the last few days of life	CiPs 9, 2	

5.45 Providing psychological support for patients with relapsed cancer and their families

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum	
To be able to provide psychological support for patients with relapsed cancer and their families		
Discusses the process of accepting a terminal prognosis, grieving and bereavement	CiPs 3, 11	
Discusses the role of the family, primary care, hospice, support groups palliative care teams, psychologist	CiPs 9, 10	
Describes the indications for and side effects of antidepressants and psychotropic medication	CiPs 9, 11	
Describes cultural variation in ways of dealing with bereavement	CiP 11	
Supports patient and family to discuss the impact of the prognosis and to cope with denial, anger, and emotional distress	CiPs 3, 11	
Negotiates satisfactory outcome to requests by relatives for collusion to hide the prognosis from the patient	CiPs 3, 11	
Liaises with other professionals to develop a management plan	CiPs 3, 10	
Prescribes appropriate medication	CiPs 12, 15, 17	

5.46 Co-ordinating social/financial support

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum
To be able to co-ordinate social/financial support for patients with relapsed cancer	
Discusses the roles of other professional groups – social workers, occupational therapists, physiotherapists, GPs, district nurses, MacMillan nurses	CiPs 8, 10,11
Describes how to access financial support – attendance allowance under special rules	CiP 13
Negotiates with the patient, family and other professional groups to develop an agreed package of care	CiP3

5.47 Making clinical decisions in situations of uncertainty

Knowledge, skills and behaviours from 2016 curriculum	Location in 2021 Curriculum	
To be able to make clinical decisions in situations of uncertainty		
Discusses the evidence base	CiPs 3, 5	
Identifies the areas of uncertainty and methods of decreasing this	CiPs 7, 19	
Evaluates the possible treatment options	CiPs 3, 7	
Discusses options with patient and advises on the predicted benefits and side effects	CiPs 3, 7, 8, 12, 13	
Supports the patient to make a decision	CiP 11	



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