

CC3 Therapeutics and safe prescribing

To progressively develop your ability to prescribe, review and monitor appropriate medication relevant to clinical practice including therapeutic and preventative indications		
Knowledge	Assessment Methods	GMP Domains
Recall indications, contraindications, side effects, drug interactions and dosage of commonly used drugs	E, Mi, C, ACAT	1
Recall range of adverse drug reactions to commonly used drugs, including complementary medicines	E, Mi, C, ACAT	1
Recall drugs requiring therapeutic drug monitoring and interpret results	E, Mi, C, ACAT	1
Outline tools to promote patient safety and prescribing, including IT systems	Mi, C, ACAT	1, 2
Define the effects of age, body size, organ dysfunction and concurrent illness on drug distribution and metabolism relevant to the trainee's practice	E, Mi, C, ACAT	1, 2
Recognise the roles of regulatory agencies involved in drug use, monitoring and licensing (e.g. National Institute for Clinical Excellence (NICE), Committee on Safety of Medicines (CSM), and Healthcare Products Regulatory Agency and hospital formulary committees)	Mi, C, ACAT	1, 2
Skills		
Review the continuing need for long term medications relevant to the trainee's clinical practice	E, Mi, C, ACAT	1, 2
Anticipate and avoid defined drug interactions, including complementary medicines	E, Mi, C, ACAT	1
Advise patients (and carers) about important interactions and adverse drug effects	E, Mi, C, ACAT	1, 3
Make appropriate dose adjustments following therapeutic drug monitoring, or physiological change (e.g. deteriorating renal function)	E, Mi, C, ACAT	1
Use IT prescribing tools where available to improve safety	E, Mi, C, ACAT	1, 2
Employ validated methods to improve patient concordance with prescribed medication	E, Mi, C, ACAT	1, 3

Provide comprehensible explanations to the patient, and carers when relevant, for the use of medicines	E, Mi, C, ACAT	1, 3
Behaviours		
Recognise the benefit of minimising number of medications taken by a patient	Mi, C, ACAT	1
Appreciate the role of non-medical prescribers	Mi, C, ACAT	1, 3
Remain open to advice from other health professionals on medication issues	Mi, C, ACAT	1, 3
Recognise the importance of resources when prescribing, including the role of a drug formulary	Mi, C, ACAT	1, 2
Ensure prescribing information is shared promptly and accurately between a patient's health providers, including between primary and secondary care	C, ACAT	1, 3
Remain up to date with therapeutic alerts, and respond appropriately	C, ACAT	1
Level Descriptor		
1	<p>Understands the importance of patient concordance with prescribed medication</p> <p>Outlines the adverse effects of commonly prescribed medicines</p> <p>Uses reference works to ensure accurate, precise prescribing</p>	
2	<p>Takes advice on the most appropriate medicine in all but the most common situations</p> <p>Makes sure an accurate record of prescribed medication is transmitted promptly to relevant others involved in an individuals care</p> <p>Knows indications for commonly used drugs that require monitoring to avoid adverse effects</p> <p>Modifies patient's prescriptions to ensure the most appropriate medicines are used for any specific condition</p> <p>Maximises patient compliance by minimising the number of medicines required that is compatible with optimal patient care</p> <p>Maximises patient compliance by providing full explanations of the need for the medicines prescribed</p> <p>Is aware of the precise indications, dosages, adverse effects and modes of administration of the drugs used commonly within their specialty</p> <p>Uses databases and other reference works to ensure knowledge of new therapies and adverse effects is up to date</p> <p>Knows how to report adverse effects and takes part in this mechanism</p>	

3/4	<p>Is aware of the regulatory bodies relevant to prescribed medicines both locally and nationally</p> <p>Ensures that resources are used in the most effective way for patient benefit</p>
Emergency department context	
1	<p>Completes comprehensive and accurate drug history for all patients in the ED</p> <p>Considers drug interactions and side effects as cause or contributing factors in all presentations in the ED</p> <p>Follows departmental or hospital guidelines in prescribing in the ED</p> <p>Ensures primary care informed of any changes or additions to medications for a given patient</p>
2	<p>Reports adverse effects where responsible for acute presentation</p> <p>Gives appropriate advice and documents advice given for take home medication</p> <p>Uses Toxbase, and electronic BNF for advice where necessary to inform decisions on drug related presentations</p>
3	<p>Is able to identify medications from overseas and translate to relevant UK equivalent</p> <p>Able to prescribe methadone safely for drug users who are admitted to the hospital</p>

4	<p>Ensures non-proprietary drugs are prescribed where possible</p> <p>Takes the opportunity to review poly-pharmacy and discuss with the GP</p> <p>Able to prescribe safely for children in the emergency situation</p> <p>Supervises other trainees in prescribing, drawing attention to altered dosages required or consideration of interactions where appropriate</p> <p>Able to prescribe safely for rapid chemical tranquillisation</p>
Leadership	Specialty trainees should demonstrate competence in all elements of domains, with some evidence in setting direction
Demonstrating personal qualities	<p>Avoids judgemental behaviours in prescribing for drug users</p> <p>Empathic to patients in pain regardless of perceived level of stimulus</p>
Working with others	<p>Supports colleagues in prescribing dilemmas and difficulties</p> <p>Supports the development of PGDs where relevant *</p> <p>Undertakes supervision of nurse prescribing students ***</p>
Managing the service	Undertakes audits of drug prescribing against Trust or departmental guidelines ***
Improving services	Reviews stock and makes suggestions for appropriate stock lists and levels *
Setting direction	Introduces new drugs with evidence-based rationale and business plan *