

Liverpool John Moores University

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Title: INDEPENDENT AND SUPPLEMENTARY PRESCRIBING
Status: Definitive
Code: **6100NPAPP** (125948)
Version Start Date: 01-08-2021

Owning School/Faculty: Nursing and Allied Health
Teaching School/Faculty: Nursing and Allied Health

Team	Leader
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Academic Level: FHEQ6 **Credit Value:** 20 **Total Delivered Hours:** 98
Total Learning Hours: 200 **Private Study:** 192

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	80
Placement/Practice	90
Seminar	10
Tutorial	6

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination (unseen): pass mark of 80%	40	2
Essay	AS2	Coursework: case management study (2,000) words	60	

Competency	Practice
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Aims

1. To prepare health care professionals to prescribe, safely, appropriately and cost-effectively as independent and/or supplementary prescribers, in accordance with both legal and the professional requirements of relevant professional bodies (NMC, HCPC, RPS)
2. To address the specialist educational needs of nurses and allied health professionals working within specialist areas and with specific client groups.
3. To prepare health care professionals to exercise clinical reasoning, critical thinking and creative problem solving with regard to the unique challenges associated with medicines management among infants, children and young people, the elderly and other specific client groups

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate knowledge and understanding of pharmacodynamics / pharmacokinetics and therapeutics ensuring safe Independent and Supplementary Prescribing practice applying relevant calculations and numeracy skills.
- 2 Demonstrate safe and competent prescribing practice of all ten RPS (2016) competencies drawing upon relevant local and national frameworks for medicines use within the scope of prescribing practice.
- 3 Appraise accountability within your own prescribing practice as part of the multidisciplinary team drawing upon relevant professional, legal and ethical frameworks.
- 4 Demonstrate understanding of the prescribing process as defined within the prescribing governance domain of A competency framework for all prescribers (RPS, 2016)

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Examination	1	4		
Case Study	1	2	3	4
Practice	1	2	3	4

Outline Syllabus

Clinical Pharmacology including the Effects of Co-morbidity

- *Pharmacology including pharmacodynamics and pharmacokinetics.*
- *Anatomy and physiology as applied to prescribing practice including the unique anatomical and physiological differences across the lifespan.*
- *Basic principles of drugs to be prescribed – absorption, distribution, metabolism and excretion including adverse drug reactions (ADR), interactions and reactions.*
- *Impact of physiological state in, for example the elderly, young, pregnant or breast feeding women, on drug responses and safety.*
- *Issues in administration: vehicles, formulations, taste, routes, concordance,*

excipient use, etc.

- *Pharmacology mathematics.*
- *Error prevention and sources of medicines information.*

Consultation, Decision-Making and Therapy including Referral

- *Models of consultation.*
- *Accurate assessment, communication and consultation with patients and their carers.*
- *Concepts of working diagnosis or best formulation.*
- *Development of a management plan*
- *Confirmation of diagnosis – further examination, investigation, referral for diagnosis.*
- *Prescribe, not to prescribe, non-drug treatment or referral for treatment.*

Influences on and Psychology of Prescribing

- *Patient demand versus patient need.*
- *External influences, for example companies/colleagues.*
- *Patient partnership in medicine-taking including awareness of cultural and ethnic needs.*
- *Conformance – normalisation of professional prescribing behaviour.*
- *Achieving shared understanding and negotiating a plan of action.*

Prescribing in a Team Context

- *National and local guidelines, protocols, policies, decision support systems and formulae (rationale, adherence to and deviation from).*
- *Understand the role and functions of other team members.*
- *Documentation, with particular reference to communication between team members including electronic prescribing.*
- *Auditing, monitoring and evaluating prescribing practice.*
- *Interface between multiple prescribers and the management of potential conflict.*
- *Budget/cost effectiveness (including prescription charges, exemptions, components of cost to the NHS/ dispensing fees).*
- *Issues relating to the ethics of dispensing.*

Evidence-based Practice and Clinical Governance in relation to Non-Medical Prescribing

- *National and local guidelines, protocols, policies, decision support systems and formulae-rationale, adherence to and deviation from.*
- *Continuing professional development – role of self and organisation.*
- *Management of change.*
- *Risk assessment and risk management, including safe storage, handling and disposal.*
- *Clinical supervision.*
- *Reflective practice.*
- *Critical appraisal skills.*
- *Auditing and systems monitoring.*
- *Identifying and reporting ADRs and near misses.*

Legal, Policy and Ethical Aspects

- *Legal basis, liability and indemnity.*
- *Legal implications of advice to self-medicate including the use of complementary therapy and "over the counter" (OTC) medicines.*
- *Safe keeping of prescription pads, action if lost, writing prescriptions and record keeping.*
- *Awareness and reporting of fraud.*
- *Drug licensing.*
- *Yellow card reporting to the Commission on Human Medicines.*
- *Prescribing in the policy context.*
- *Manufacturers' guidance relating to literature, licensing and "off-label" (including the special considerations with regard to off-label and unlicensed drug use in children.*
- *Ethical basis of intervention.*
- *Informed consent, with particular reference to client groups in learning disability, mental health, children, the critically ill and emergency situations.*
- *The ethical, documentation, legal and accountability issues related to the prescribing of botulinum toxin and related products*

Professional Accountability and Responsibility

- *NMC Standards for Professional Practice.*
- *Accountability and responsibility for assessment, diagnosis and prescribing.*
- *Maintaining professional knowledge and competence in relation to prescribing.*
- *Accountability and responsibility to the employer.*

Supplementary Prescribing

- *Clinical Management Plans.*
- *Context of supplementary prescribing.*
- *Prescribing in partnership.*
- *Record keeping and documentation.*

Prescribing in the Public Health Context

- *Duty to patients and society.*
- *Policies regarding the use of antibiotics and vaccines.*
- *Inappropriate use of medication including misuse, under and over-use.*
- *Inappropriate prescribing, over and under-prescribing.*
- *Access to health care provisions and medicines.*

Drugs and illness Management

- *Pharmacology of resuscitation.*
- *Fever and antipyretics.*
- *OTC preparations.*
- *Drugs used in the management of infections.*
- *Drugs used in the management of respiratory conditions.*
- *Drugs used in dermatology.*
- *Drugs used in contraception.*
- *Pharmacological management of pain.*
- *The drug exposed individual*

Learning Activities

Interactive lectures, including web based, multimedia, interactive software in an online collaboration package, clinical seminars and tutorials; problem-based learning, class discussions and case presentations; self-directed learning; personal prescribing portfolio; supervised and reflective practice.

Notes

'In addition to the graded assessments list above, competency will also be assessed in the following ways, all of which will be recorded as PASS or FAIL only:

- i. Numeracy exam (Part B of the formal exam) – a pass threshold of 100% must be achieved
- ii. Objective Structured Clinical Exam (OSCE)
- iii. Clinical Assessment Document
- iv. Law exam – a pass threshold of 40% must be achieved'

The Lecture hours include 1 hour for the Law exam and 1 hour for the OSCE.

The clinical experience for this module consists of 12 days (90 hours) of supervised prescribing practice with a Practice Assessor (NMC) a Practice Supervisor (NMC) or Practice Educator (HCPC). Assessment of clinical practice hours are the responsibility of the Practice Assessor (NMC) or Practice Educator (HCPC). Unless competence is demonstrated in practice credit will not be released.

The course meets the requirements and standards of both the NMC and HCPC and prepares students to prescribe safely and competently as an Independent Prescriber or Supplementary Prescriber to meet the needs of clients/patients and carers with whom you work. As a Supplementary Prescriber the student will work in a voluntary partnership with a Registered Medical Practitioner (a doctor or dentist) to implement an agreed patient-specific written Clinical Management Plan (CMP) with the patient's agreement. As an Independent Prescriber, the student will be responsible and accountable for the assessment of patients with undiagnosed or diagnosed conditions and for decisions about the clinical management required, including prescribing.

Details of Approved Variance to the Academic Framework Regulations:

Approved 20.12.2019 - A variance has been approved for 6100NPAPP that all components of the module must be passed including those contained within the practice competency. The examination element (weighted at 40%) has a pass mark of 80%. The numeracy assessment (written examination) within the practice/competency element has a pass mark of 100%.'