

St.James College of Pharmaceutical Sciences St.James medical Academy River Bank, Chalakudy			
Programme:	M pharm	Sem.:	Second
Name of Course: (Subject)	Principles of quality use of medicines	Course Code:	MPP201T
Teaching faculty of the course	Mrs Rosmin Jacob		

Summary of the Lecture Plan

Topic	Lectures	Hours
Quality use of medicines (QUM)	Principles of QUM	2
	Key partners and responsibilities of partners	2
	Building blocks in QMC	2
	Evaulation process in QMC	2
	Communication in QUM	2
	Cost effective prescribing	2
Concepts in QUM	Evidence based medicine	4
	Essential drugs	4
	Rational drug use	4
QUM in various settings	QUM in hospital settings	3
	Role of health professional in promoting QUM	3
	Impact of QUM	3
	QUM in special populations	3
Regulatory aspects of QUM	Regulation including scheduling, complimentary medicines, OTC medicines	5
	Professional responsibility of pharmacist	3
	Role of industry in QUM medicine development	4
Medication errors & pharmacovigilance	Medication errors	6
	pharmacovigilance	6

Major issues or Core aspects to be addressed/ covered:

Topic Title: Quality use of medicines
Definition & Principles of QUM
Key partners and responsibilities of partners
Building blocks in QMC
Evaluation process in QMC
Communication in QUM
Cost effective prescribing
Topic Title :Concepts in QUM
Definition of Evidence Based Medicine

Concept of EBM, approach and practices of EBM in clinical settings
Definition of essential drugs, concept of need of essential drugs
National essential drug policy and list
Definition of rational drug use, role of pharmacist in rational drug use
Topic Title: QUM in various settings
QUM in hospital settings, ambulatory care/residential care
Role of health professional in promoting QUM, strategies to promote QUM
Impact of QUM on E-health, integrative medicine & multidisciplinary care
QUM in special populations-prescribing in pediatric, geriatrics, pregnancy & lactation , immunocompromised patients, organ failure patients
Topic Title: Regulation aspects of QUM
Regulation including scheduling
Regulation of complimentary medicines
Regulation of OTC medicines
Professional responsibility of pharmacist
Role of industry in QUM medicine development
Topic Title: Medication errors & Pharmacovigilance
Definition of medication errors. categorization ,causes of medication errors
Detecting and prevention of medication errors
Role of pharmacist in monitoring and management of medication errors
Define pharmacovigilance.
Types, predisposing factors & mechanism of ADR
Detection, Reporting, Monitoring, Management of ADR, causality assessment of ADR
Role of pharmacist in pharmacovigilance

Sample Questions

Topic Title: Quality use of medicines
Define QUM & explain the Principles of QUM
Key partners and explain the responsibilities of partners
Note on Building blocks in QMC
Explain the Evaluation process in QMC
Briefly explain the Communication in QUM
Define & explain Cost effective prescribing
Topic Title :Concepts in QUM
Define Evidence Based Medicine
Mention the need of Concept of EBM, Explain various approach and practices of EBM in clinical settings
Definition of essential drugs, Explain concept of need of essential drugs

National essential drug policy and list of drugs available
Define rational drug use, guidelines for rational drug prescribing, role of pharmacist in rational drug use
Topic Title: QUM in various settings
Explain the QUM in hospital settings like ambulatory care & residential care?
Role of health professional in promoting QUM? Explain the strategies to promote QUM?
Impact of QUM on E-health?
Briefly give an outline of impact of QUM on integrative medicine & multidisciplinary care?
Explain QUM in geriatric prescribing?
Explain QUM special populations like pregnancy & lactation?
QUM in immunocompromised & organ failure patients?
Topic Title: Regulation aspects of QUM
Explain the Regulation aspects of QUM in scheduling?
Explain the Regulation aspects of QUM in complimentary medicines?
Explain the Regulation aspects of QUM in OTC medicines?
Explain Professional responsibility of pharmacist in the Regulation aspects of QUM?
Role of industry in QUM medicine development?
Topic Title: Medication errors & Pharmacovigilance
Define medication errors. Categorization & causes of medication errors?
How will you Detect and prevent medication errors?
Role of pharmacist in monitoring and management of medication errors?
Define pharmacovigilance.
Types, predisposing factors & mechanism of ADR?
Detection, Reporting, Monitoring, Management of ADR?
Causality assessment of ADR?
Role of pharmacist in pharmacovigilance?