

MSc in Endocrinology, Diabetes and Metabolism 2017-19

Tentative Timetable

MEDM5101 Diabetes Management & Education I

Symposia

Overview of the diagnosis and management of diabetes mellitus with particular emphasis on the application of knowledge and acquisition of practical skills

Course Ref Code	Date 2017	Time	Description	Venue Code
DM1S1	Sep 2	Glucose homeostasis and diabetes – an overview		PSR1
		14:00-15:00	Diagnosis and classification of diabetes	
		15:00-16:00	Monitoring of diabetes management	
		16:15-17:15	Therapeutic diabetes education	
DM1S2	Sep 16	Practical diabetes management		PSR1
		14:00-15:00	Dietary management in diabetes	
		15:00-16:00	When to use oral agents and which one?	
		16:15-17:15	Hypoglycaemia, hyperglycaemia and sick day management	
DM1S3	Sep 23	Insulin therapy and diabetic emergencies		PSR1
		14:00-15:00	Glucose homeostasis and insulin actions	
		15:00-16:00	When and how to use insulin?	
		16:15-17:15	Intensive insulin therapy and other injectable therapies in diabetes	

Interactive Workshops – Practical Management

Case studies, interactive discussions and practicals are used to demonstrate the principles of diabetes management

Course Ref Code	Date 2017	Time	Description	Venue Code
DM2W1	Oct 7	14:00-19:00	Exercise in diabetes management	PSR1
			From diagnosis to management <ul style="list-style-type: none"> • What is the best test to diagnose diabetes • The phenotypic heterogeneity of diabetes • The multi-faceted nature of diabetes management 	
DM2W2	Nov 11	14:00-19:00	Meal planning and weight management - from theory to practice <ul style="list-style-type: none"> • Elderly type 2 diabetic patients • Patients with obesity, metabolic syndrome and cardiovascular or renal complications • Non-obese insulin-treated type 2 diabetic patients 	PSR1

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Clinical Attachments

A series of clinical attachments for students to gain in-depth understanding of the complexity and multi-disciplinary nature of diabetes management and education

Course Ref Code	Topic	Venue Code
DM3C1	Therapeutic diabetes education programme	P3LW
DM3C2	Insulin injection education programme	P3LW
DM3C3	Individual counseling and patient empowerment	P3LW
DM3C6	Shared care and quality assurance - risk factors and complication assessment	P3LW

Clinical attachments (3 hours each) will be held on weekdays from November 2017 to February 2018, schedule to be confirmed and only one session to be selected for each topic. The allocation of dates is on a first-book-first-serve basis. The timetable is subject to change without prior notice. Medium of instruction is Cantonese and English. However, patients normally speak in Cantonese.

Venue Code

PSR1 :	Seminar Room 1, 2nd Floor, Lui Che Woo Clinical Sciences Building, Prince of Wales Hospital, Shatin, NT
P3LW :	Diabetes and Endocrine Centre, Ward L, 3rd Floor, Day Treatment Block and Children Wards, Prince of Wales Hospital, Shatin, NT

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MEDM5102 Diabetes Management & Education II

Symposia

Overview of the diagnosis and management of diabetes mellitus with particular emphasis on the application of knowledge and acquisition of practical skills

Course Ref Code	Date	Time	Description	Venue Code
DM1S4	2017 Nov 18		Diabetes management in special situations	PSR1
		14:00-15:00	Obesity	
		15:00-16:00	Management of diabetes and pregnancy including gestational diabetes	
		16:15-17:15	Dyslipidaemia and hypertension	
DM1S5	Dec 2		Diabetic comorbidities (1)	PSR1
		14:00-15:00	Childhood diabetes	
		15:00-16:00	Cardiovascular complications of diabetes	
		16:15-17:15	Renal complications of diabetes	
DM1S6	2018 Jan 20		Diabetic comorbidities (2)	PSR1
		14:00-15:00	Autonomic neuropathy	
		15:00-16:00	Retinopathy	
		16:15-17:15	Other comorbidities	

Interactive Workshops - Practical Management

Case studies, interactive discussions and practicals are used to demonstrate the principles of diabetes management

Course Ref Code	Date	Time	Description	Venue Code
DM2W3	2017 Dec 16	14:00-19:00	Practical aspects of insulin treatment <ul style="list-style-type: none"> • How to give insulin injection • How to adjust insulin dosages in the ambulatory and in-patient settings • Common pitfalls 	PSR1
DM2W4	2018 Jan 6	14:00-19:00	Diabetes self management <ul style="list-style-type: none"> • Practical aspects of self monitoring and its interpretation • Sick day management • Management of hypoglycemia 	PSR1
DM2W5	Jan 27	14:00-19:00	Quality diabetes care <ul style="list-style-type: none"> • Prevention of diabetic complications • Translating evidence to clinical practice • Quality diabetes care through teamwork 	PSR2

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Clinical Attachments

A series of clinical attachments for students to gain in-depth understanding of the complexity and multi-disciplinary nature of diabetes management and education

Course Ref Code	Topic	Venue Code
DM3C8	Weight Management	TBA
DM3C9	Education on meal planning	TBA
DM3C10	Foot care in diabetes - visit to podiatrist	TBA
DM3C11	Gestational diabetes	PO&G

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Venue Code

PSR1 :	Seminar Room 1, 2nd Floor, Lui Che Woo Clinical Sciences Building, Prince of Wales Hospital, Shatin, NT
PSR2 :	Seminar Rooms 2-3, 1st Floor, Postgraduate Education Centre, Prince of Wales Hospital, Shatin, NT
PO&G :	Department of Obstetrics and Gynaecology, 2nd Floor, South Wing, Li Ka Shing Specialist Clinic, Prince of Wales Hospital, Shatin, NT
TBA :	To be confirmed

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MEDM6101 Diabetes Management & Education III

Clinical Attachments

A series of clinical attachments for students to gain in-depth understanding of the complexity and multi-disciplinary nature of diabetes management and education

Course Ref Code	Topic	Venue Code
DM3C12	Diabetes eye clinic	TBA
DM3C13	Diabetic nephropathy clinic	LKS1

Clinical attachments (3 hours each) will be held on weekdays from November 2017 to February 2018, schedule to be confirmed and only one session to be selected for each topic. The allocation of dates is on a first-book-first-serve basis. The timetable is subject to change without prior notice. Medium of instruction is Cantonese and English. However, patients normally speak in Cantonese.

Interactive Workshops – Research Methodologies and Treatment with Clinical Practice

To gain an in-depth understanding of diabetes research and its relevance to clinical management

Course Ref Code	Date 2018	Time	Description	Venue Code
DM4D1	Feb 3	14:00-18:00	<p>Research methodologies illustrated with local examples and practical sessions using locally relevant databases</p> <ul style="list-style-type: none"> • Hypothesis testing • Sample selection and power calculations • Study design (descriptive, case control, cross sectional, prospective, randomized controlled studies) • Relative and absolute risk reduction, odds ratio, number needed to treat • Intention to treat versus ‘per protocol’ analysis 	PCLP
DM4D2	Mar 3	14:00-18:00	<p>Statistical analysis made easy – a diabetologist’s perspective</p>	PSR1

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Course Ref Code	Date 2018	Time	Description	Venue Code
DM4D3	Mar 10	14:00-18:00	Critical appraisal of landmark studies in diabetes (diagnosis, harm, prognosis and therapy) <ul style="list-style-type: none"> ● Hierarchy of evidence 	PSR1
DM4D4	Mar 17	14:00-18:00	Translational of research into clinical practice – holistic patient care in diabetes (1) <ul style="list-style-type: none"> ● Depression, diabetes distress and quality of life in type 2 diabetes ● Putting Psychological Theory into Clinic: Clinical Psychological Service in a Local DM Centre ● Peer support in diabetes 	PSR1
DM4D5	Mar 24	14:00-18:00	Translational of research into clinical practice – holistic patient care in diabetes (2) <ul style="list-style-type: none"> ● Motivational interview – concept and application ● Communications with patients having diabetes (1) ● Communications with patients having diabetes (2) 	PSR1
DM4D6	Apr 7	14:00-18:00	Diabetes in-patient care and special situations	PSR1

Venue Code

LKS1 :	Department of Medicine and Therapeutics, 1st Floor, South Wing, Li Ka Shing Specialist Clinic, Prince of Wales Hospital, Shatin, NT
PCLP :	PC Lab, Li Ping Medical Library, 2nd Floor, Lui Che Woo Clinical Sciences Building, Prince of Wales Hospital, Shatin, NT
PSR1 :	Seminar Room 1, 2nd Floor, Lui Che Woo Clinical Sciences Building, Prince of Wales Hospital, Shatin, NT
TBA :	To be confirmed

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MEDM5201 General Endocrinology & Metabolism I

Lectures

Overview of epidemiology, pathophysiology and management of common endocrine disorders emphasizing the application of basic physiological and biochemical knowledge to clinical practice

Course Ref Code	Date 2018	Time	Description	Venue Code
EM1S1	Apr 14		An introduction to endocrinology	PSR1
		14:00-15:00	Calcium disorders and metabolic bone disease	
		15:00-16:00	Short stature, delayed puberty and overview of other common paediatric endocrine diseases	
		16:15-17:15	Overview of disease of the hypothalamus pituitary axis	
EM1S2	Apr 28		Hypothalamus-pituitary axis	PSR1
		14:00-15:00	Overview of homeostasis and endocrine system	
		15:00-16:00	Pituitary incidentoloma and prolactinoma	
		16:15-17:15	Acromegaly	
EM1S3	May 5		Thyroid and bone disorders	PSR1
		14:00-15:00	Thyroid disorders – pitfall of diagnosis and management	
		15:00-16:00	Cushing’s syndrome - from diagnosis to management	
		16:15-17:15	Osteoporosis - current management	

Clinical Teachings

Diagnostic evaluation and management of common acute and chronic endocrine disorders are illustrated by clinical cases using small group in-depth discussions

Course Ref Code	Topic	Venue Code
EM3C1	Endocrine clinic	LKS1
EM3C2	Endocrine teaching	PSR1

Clinical teachings (3 hours each) will be held on weekdays from August to November 2018, schedule to be confirmed and only one session to be selected for each topic. The allocation of dates is on a first-book-first-serve basis. The timetable is subject to change without prior notice. Medium of instruction is Cantonese and English. However, patients normally speak in Cantonese.

Venue Code

PSR1 :	Seminar Room 1, 2nd Floor, Lui Che Woo Clinical Sciences Building, Prince of Wales Hospital, Shatin, NT
LKS1 :	Department of Medicine and Therapeutics, 1st Floor, South Wing, Li Ka Shing Specialist Clinic, Prince of Wales Hospital, Shatin, NT

MEDM5202 General Endocrinology & Metabolism II

Lectures

Overview of epidemiology, pathophysiology and management of common endocrine disorders emphasizing the application of basic physiological and biochemical knowledge to clinical practice

Course Ref Code	Date 2018	Time	Description	Venue Code
EM1S4	May 26	Reproductive endocrinology		PSR1
		14:00-15:00	Polycystic ovarian syndrome - its metabolic and endocrine aspects	
		15:00-16:00	Approach to menstrual disturbance and infertility	
		16:15-17:15	Approach to impotence and hypogonadism	
EM1S5	Jun 9	Adrenal disorders		PSR1
		14:00-15:00	Genetic endocrine diseases - an overview	
		15:00-16:00	Endocrine and metabolic abnormalities associated with infections	
		16:15-17:15	Phaeochromocytoma and adrenal incidentoloma - workup and management	
EM1S6	Jun 23	Common lipid and uncommon childhood endocrine disorders		PSR1
		14:00-15:00	Common lipid disorders - evaluation and update on management	
		15:00-16:00	Conn's syndrome and workup for secondary hypertension	
		16:15-17:15	Molecular and biochemical evaluation of endocrine disorders	
EM1S7	Sep 8	Emerging issues and controversies		PSR1
		14:00-15:00	Adrenal carcinoma and neuroendocrine tumours	
		15:00-16:00	Interpretation of endocrine tests during acute illnesses	
		16:15-17:15	Neurohormonal dysregulation	

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Interactive Workshops – Practical Management

Case studies and interactive discussions are used to demonstrate the principles of diagnostic evaluation and management of common endocrine disorders using a multidisciplinary approach

Course Ref Code	Date 2018	Time	Description	Venue Code
EM2W1	Sep 15	14:00-19:00	<p>Thyroid and bone disorders</p> <ul style="list-style-type: none"> • Principles and applications of thyroid function tests and bone turnover markers • Radiological evaluation of thyroid disorders • Radiological evaluation of osteoporosis • Radiological evaluation of adrenal disorders 	PSR1
EM2W2	Oct 13	14:00-19:00	<p>Adrenal gland and reproductive endocrinology (1)</p> <ul style="list-style-type: none"> • Addison's disease and Pheochromocytoma • Acromegaly - a multidisciplinary approach for management and evaluation • Multifaceted management of polycystic ovarian syndrome • Surgical management of goitre, hyperthyroidism and hyperparathyroidism 	PSR1
EM2W3	Oct 27	14:00-19:00	<p>Pituitary gland and reproductive endocrinology (2)</p> <ul style="list-style-type: none"> • Prolactinoma (micro vs macro) - medical or surgical treatment • Principles and applications of radiotherapy for common pituitary adenomas • Conn's and Cushing's syndrome • Evaluation and management of infertility 	PSR1

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Clinical Teachings

Diagnostic evaluation and management of common acute and chronic endocrine disorders are illustrated by clinical cases using small group in-depth discussions

Course Ref Code	Topic	Venue Code
EM3C3	Endocrine in-patient grand round (1)	P11A
EM3C4	Endocrine in-patient grand round (2)	P11A
EM3C5	Thyroid clinic	LKS1
EM3C6	Combined pituitary clinic	LKS2
EM3C7	Growth & Endocrine clinic	PAED

Clinical teachings (3 hours each) will be held on weekdays from August to November 2018, schedule to be confirmed and only one session to be selected for each topic. The allocation of dates is on a first-book-first-serve basis. The timetable is subject to change without prior notice. Medium of instruction is Cantonese and English. However, patients normally speak in Cantonese.

Venue Code

PSR1 :	Seminar Room 1, 2nd Floor, Lui Che Woo Clinical Sciences Building, Prince of Wales Hospital, Shatin, NT
P11A :	Ward A, 11th Floor, Main Clinical Block and Trauma Centre, Prince of Wales Hospital, Shatin, NT
LKS1:	Department of Medicine and Therapeutics, 1st Floor, South Wing, Li Ka Shing Specialist Clinic, Prince of Wales Hospital, Shatin, NT
LKS2:	Department of Surgery, 2nd Floor, North Wing, Li Ka Shing Specialist Clinic, Prince of Wales Hospital, Shatin, NT
PAED:	Department of Paediatrics, Seminar Room, 3rd Floor, South Wing, Li Ka Shing Specialist Clinic, Prince of Wales Hospital, Shatin, NT

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MEDM6201 General Endocrinology & Metabolism III

Interactive Workshops – Practical Management

Case studies and interactive discussions are used to demonstrate the principles of diagnostic evaluation and management of common endocrine disorders using a multidisciplinary approach

Course Ref Code	Date 2018	Time	Description	Venue Code
EM2W4	Nov 10	14:00-19:00	Electrolytes and lipid disorders (from clinical evaluation to management)	PSR1
			<ul style="list-style-type: none"> • Common dyslipidaemia and genetic lipid disorders • Hyponatremia and hyperkalaemia • Hyponatremia • Hypokalaemia 	
EM2W5	Nov 24	14:00-19:00	Paediatric and reproductive endocrinology (3)	PSR1
			<ul style="list-style-type: none"> • Hirsutism and virilization - evaluation and management • Endocrine disorders in pregnancy (excluding diabetes) • Short stature - diagnostic evaluation and practical tips for management • Congenital adrenal hyperplasia - evaluation and management 	

Clinical Teachings

Diagnostic evaluation and management of common acute and chronic endocrine disorders are illustrated by clinical cases using small group in-depth discussions

Course Ref Code	Topic	Venue Code
EM3C8	Combined gynae-endocrine clinic	TBA

Clinical teachings (3 hours each) will be held on weekdays from August to November 2018, schedule to be confirmed and only one session to be selected. The allocation of dates is on a first-book-first-serve basis. The timetable is subject to change without prior notice. Medium of instruction is Cantonese and English. However, patients normally speak in Cantonese.

Venue Code

PSR1 :	Seminar Room 1, 2nd Floor, Lui Che Woo Clinical Sciences Building, Prince of Wales Hospital, Shatin, NT
TBA :	To be confirmed

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MEDM5301 Obesity & Weight Management

Symposia

Overview of epidemiology, pathophysiology, medical hazards and management of obesity emphasizing the application of knowledge relevant to multidisciplinary clinical practice

Course Ref Code	Date 2019	Time	Description	Venue Code
WM1S1	Jan 12	Obesity – from epidemiology to pathophysiology		PSR1
		14:00-15:00	Origin of obesity – from brain to gut to ectopic sites	
		15:00-16:00	Obesity as a chronic disease – Greater China perspectives	
		16:15-17:15	Endocrine roles of adipocytes and their relevance to clinical presentation	
WM1S2	Jan 26	Management of obesity – from theory to practice		PSR1
		14:00-15:00	Weight management - past, present and future	
		15:00-16:00	Popular diets for weight management - are these sound diets?	
		16:15-17:15	Role of exercise and behavior modification	

Interactive Workshops – Practical Management

Case studies, interactive discussions and multidisciplinary approach are used to demonstrate the principles of diagnostic evaluation and management of obesity and its comorbidities

Course Ref Code	Date 2019	Time	Description	Venue Code
WM2W1	Feb 23	14:00-18:30	Interactive case discussion: managing obesity – managing obesity related comorbidities	PSR1
			Clinical assessment of obesity	
			Gynecological complications of obesity	
			Cardiovascular complications of obesity	
			Psychobehavioral treatment of binge eating disorder in obese subjects	
WM2W2	Mar 9	14:00-18:30	Interactive case discussion: managing obesity – a multidisciplinary approach	PSR1
			Obesity - myths and facts	
			Practical dietary strategies for weight management	
			Exercise and life-style modifications	
			Tips for prescribing anti-obesity drugs	
			The possible role of surgery	

Venue Code

PSR1 :	Seminar Room 1, 2nd Floor, Lui Che Woo Clinical Sciences Building, Prince of Wales Hospital, Shatin, NT
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