

Insulin secretion, initiation and titration

Module Information

2022.01, Approved

Summary Information

Module Code	7004DBTADV
Formal Module Title	Insulin secretion, initiation and titration
Owning School	Nursing and Allied Health
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Nursing and Allied Health

Learning Methods

Learning Method Type	Hours
Lecture	10
Online	1
Practical	20
Tutorial	9

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
APR-CTY	CTY	April	12 Weeks

Aims and Outcomes

Aims	To equip the Advanced Practitioner with the knowledge, skills and competencies necessary to initiate and titrate basic insulin regimens.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	critically understand insulin secretion in the normal state and in type 1 and type 2 diabetes.
MLO2	2	evaluate the best insulin regimen to suit the individual's lifestyle, commitment to self management and clinical needs
MLO3	3	assess the factors related to effective patient self-management of insulin treatment
MLO4	4	demonstrate basic skills and competencies to initiate and titrate insulin regimens

Module Content

Outline Syllabus	Insulin secretion in normal physiology and in type 1 and type 2 diabetes, pharmacology of insulin (short acting, rapid acting analogues, NPH, long acting analogues. Mixed preparations), competency frameworks for initiation and titration of insulin regimens, insulin delivery devices, local protocols, national guidance, injection technique, needle and device selection, blood glucose monitoring. Education requirements at initiation and ongoing, safety and risk management issues.
Module Overview	<p>This module includes on-going regular practice and clinical supervision in the workplace. It aims to</p> <p>equip you with the understanding required to gain skills and competencies in insulin initiation and titration, and to equip you with the basic skills and competencies to undertake insulin initiation</p>
Additional Information	This module aims to equip the practitioner with the understanding required to gain skills and competencies in insulin initiation and titration, and to equip them with the basic skills and competencies to undertake insulin initiation. Ongoing regular practice and clinical supervision in the work place will be required to develop these basic skills and maintain professional competency. The module is available as a CPD and is a core module on the Masters in Advanced Health Care Practice (Diabetes).

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Centralised Exam	osce	60	1	MLO3, MLO4
Reflection	reflection on OSCE	30	0	MLO3, MLO4
Practice	contribution to discussion	10	0	MLO1, MLO2

Module Contacts

