

Liverpool John Moores University

Title: CONTINUOUS SUBCUTANEOUSINSULIN INFUSION (CSII)
Status: Definitive
Code: **7500PQCHEA** (113865)
Version Start Date: 01-08-2014

Owning School/Faculty: Nursing and Allied Health
Teaching School/Faculty: Royal Liverpool Broadgreen

Team	Leader
Caroline Waller	Y

Academic Level: FHEQ7
Credit Value: 10.00
Total Delivered Hours: 30.00
Total Learning Hours: 100
Private Study: 70

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	30.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Case study 3,000 words	100.0	

Aims

To provide healthcare practitioners with comprehensive knowledge and skills which will allow for the effective management of Continuous Subcutaneous Insulin Infusion.

Learning Outcomes

After completing the module the student should be able to:

- 1 Synthesise the available research and the UK national guidance for CSII therapy

[KSFs 2,3,4,5,6]

- 2 Exercise analytical skills in the clinical decision making process when selecting people with diabetes for CSII [KSFs 1,2,3,4,5,6]
- 3 Compare, integrate and apply decision-making approaches when considering the positive and negative aspects of CSII [KSFs 2,4,5,6]
- 4 Reflect and appraise research methodology that will enable the gathering of data of CSII on the mortality and morbidity associated with diabetes. [KSFs 2,4,5,6]

Learning Outcomes of Assessments

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

Case Study 1 2 3 4

Outline Syllabus

- *The physiology and evidence base for CSII incorporating NICE criteria.*
- *Identification of people with diabetes who may benefit from CSII*
- *Selection of appropriate insulin pump for each individual need*
- *Pump management skills incorporating basal and bolus insulin doses.*
- *Service provision, education and ongoing support for pump users.*
- *Dietary issues including carbohydrate counting.*
- *Life style issues incorporating illness, hospitalisation and exercise.*
- *The psychological impact of CSII on individuals*
- *Use of pumps in special groups including children and pregnancy.*

Learning Activities

lectures
workshops
practical training
blackboard

References

Course Material	Book
Author	Bolderman, K.M.
Publishing Year	2002
Title	Putting your patients on the pump

Subtitle	
Edition	
Publisher	Americain Diabetes Association
ISBN	

Course Material	Book
Author	Kaufman, F. Halvorson, M.S. Lohry, J.
Publishing Year	2001
Title	Putting your diabetes on the pump
Subtitle	
Edition	
Publisher	Americain Diabetes Association
ISBN	

Course Material	Book
Author	Klingensmith, G.J
Publishing Year	2003
Title	Intensive Diabetes Management
Subtitle	
Edition	3rd
Publisher	Americain Diabetes Association
ISBN	

Course Material	Book
Author	Walsh, J. Roberts, R
Publishing Year	2002
Title	Pumping Insulin
Subtitle	
Edition	
Publisher	Torrey Pines Press
ISBN	

Notes

This module provides the opportunity for the student to examine and reflect on the evidence based practice that underpins the treatment of people with diabetes by Continuous Subcuaneous Insulin Infusion.