

Module Details	
Module Title:	Heart failure, valvular disease & cardiomyopathies
Module Code:	PSI7002-C
Academic Year:	2019-20
Credit Rating:	30
School:	The Ridge Medical Practice
Subject Area:	Practitioners with a Special Interest
FHEQ Level:	FHEQ Level 7 (Masters)
Pre-requisites:	
Co-requisites:	

Contact Hours	
Type	Hours
Lectures	6
Work based learning	180
Tutorials	4
Directed Study	110

Availability	
Occurrence	Location / Period
BDB	University of Bradford / Semester 1 (Sep - Jan)
BDA	University of Bradford / Semester 1 (Sep - Jan)
BDB	University of Bradford / Semester 2 (Feb - May)
BDA	University of Bradford / Semester 2 (Feb - May)
BDA	University of Bradford / Semester 3 (June - Oct)

Module Aims
To acquire knowledge in heart failure and valvular disease enabling the student to develop skills to work as a Practitioner with a Special Interest in Cardiology.

Outline Syllabus

Epidemiology & causes of heart failure & cardiomyopathies
Diagnosis of heart failure and the role of echocardiography & biochemical markers
Treatment of heart failure including pharmacological, non pharmacological & device therapies
Multidisciplinary approach to management
Palliative care
National guidelines related to heart failure
Presentation of valvular disease
Role of cardiac imaging
Management of valvular heart disease medical & surgical
Preventing complications of valvular heart disease
Surveillance and appropriate referral for a second opinion
Practice evidence-based medicine

Learning Outcomes

1	a) Differentiate between the pathophysiologies of heart failure and cardiomyopathies. b) Synthesise the varied presentations of heart failure and valvular disease. c) Synthesise the evidence for the evaluation and management of people with heart failure and cardiomyopathies. d) Synthesise the evidence for the evaluation and management of people with valvular disease.
2	a) Investigate, diagnose and manage patients with suspected or confirmed heart failure or cardiomyopathies. b) Investigate, diagnose and manage patients with suspected or confirmed valvular heart disease. c) Refer patients appropriately for a second opinion including cardiac imaging and palliative care. d) Practice evidence based medicine.
3	a) Practice critical effective problem solving skills. b) Demonstrate effective team working skills with colleagues and peers. c) Communicate effectively.

Learning, Teaching and Assessment Strategy

Face- to- face tuition is delivered by a mixture of advanced clinicians. Knowledge required to underpin working at a higher level in cardiology is addressed by LO: 1a, 1d, 2a,2c. Work- based learning occurs via clinical placement under the supervision of a consultant mentor in the student's locality. It includes at least 14 sessions of relevant clinical experience and addresses LO: 1a, 1b, 1c,1d, 2a,2b,2c,2d,3a,3b,3c. Self directed learning & guided study is identified through discussion with mentor and the construction of an individual learning programme it addresses LO: 1a,1b,1c,1d, 2a,2b,2c,2d, 3a,3b.

Verification of competence and key skills as observed by mentor whilst on placement which tests LO: 1c, 2b, 2c, 2d, 3a, 3b, 3c and is supported by a learning diary of 14 cases where the student has been part of the management team, showing breadth of learning and experience, testing LO: 1c, 1d, 2a, 2b, 2c, 2d, 3a, 3c. Two reflective case studies look in detail at the management of patients seen on placement and assess LO: 1a, 1b, 1c, 1d, 2a, 2b, 2c, 2d, 3a. Students submit their work electronically and receive a summative % mark and written feedback.

A short draft may be sent to tutors for formative assessment. The preparation and presentation of the critical appraisal of a piece of published research to the student group tests LO: 1c, 1d, 2d, 3a, 3c. Students are awarded a % mark and receive both written and face to face feedback on the day.

Mode of Assessment				
Type	Method	Description	Length	Weighting
Referral	Presentation	A4: Repair deficiencies in original submission.	20 minutes	34%
Summative	Presentation	A4: Presentation of a critically appraised research paper: 15 minutes plus 5 minutes answering questions.	20 minutes	34%
Referral	Coursework	A3: Repair deficiencies in original submission.	-1500 words	33%
Summative	Coursework	A3: Written reflective case assessment with valvular heart disease.	-1500 words	33%
Summative	Coursework	A2: Written reflective case assessment with heart failure or cardiomyopathy	-1500 words	33%
Referral	Coursework	A2: Repair deficiencies in original submission.	-1500 words	33%
Referral	Clinical Assessment	Supplementary A1: Verification of clinical competence & key skills together with completed learning diary. New plan covering areas of concern will be set up and signed off by the mentor	Up to 8 sessions	%
Summative	Clinical Assessment	A1: Verification of clinical competence & key skills together with completed learning diary.	Approximately 14 sessions	%

Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>.

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.