

Elective in Physiology

Cardiac Autonomic Function Tests and Heart rate variability

S. No.	Name of the Elective	Cardiac Autonomic Function Tests and Heart rate variability
1	Block	
2	Department/ Area	Physiology
3	Name of Mentor/ Supervisor/ In charge	Prof. M. I. Alam, Professor, Department of Physiology, HIMSR
4	Co-Supervisor	Dr Amina Sultan Zaidi, Assistant Professor, Department of Physiology
5	Number of students intake	02-05
6	Method of Selection (if applicable)	Interview to determine a candidate's core understanding and interests in the field of Cardiac Electrophysiology.
7	Objectives	<ol style="list-style-type: none"> 1. To help trainees acquire basic knowledge about cardiac electrophysiology. 2. To help a trainee gain competencies in cardiac autonomic function tests and heart rate variability.
8	Expected outcomes	<ol style="list-style-type: none"> 1. To describe Cardiac electrophysiology. 2. To describe different cardiac autonomic function tests. 3. To describe heart rate variability test. 4. To describe the application of cardiac autonomic function tests and heart rate variability. 5. To obtain a history relevant to cardiac autonomic function test and conduct a thorough general and cardiac examination. 6. To be able to perform cardiac autonomic function tests. 7. To be able to perform heart rate variability test. 8. To be able to interpret the results of cardiac autonomic function tests and heart rate variability test. 9. To be able to do the reporting of cardiac autonomic function tests and heart rate variability test.
9	Assessment	<ol style="list-style-type: none"> 1. Attendance 2. Day to day participation in learning the cardiac autonomic function tests and heart rate variability during the routine training. 3. Performance of assigned task and presentation of worked up case in the department.
10	Log book	Regular log book entry of daily activities. See Appendix 1 for log book details.

Annexure 1

S. No.	Name of Competency	Procedure	Date of Procedure	Trainee's feedback	Trainee's initials	Trainer's initials with date
--------	--------------------	-----------	-------------------	--------------------	--------------------	------------------------------

1	To describe the cardiac electrophysiology.					
2	To describe cardiac autonomic function tests and heart rate variability test.					
3	To obtain a history relevant to cardiac autonomic function test and conduct a thorough general and cardiac examination					
4	To be able to perform cardiac autonomic function tests independently.					
5	To be able to perform heart rate variability test independently.					
6	To be able to interpret the results of cardiac autonomic function tests and heart rate variability test.					
7	To be able to do the reporting of cardiac autonomic function tests and heart rate variability test.					

Reflection by student