

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 |
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| 1 | Block | I |
| 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. |