

ELECTROCARDIOGRAM - INTERPRETATION AND APPLICATION IN CLINICAL PRACTICE

MULTI-FACULTY

Chettinad Hospital and Research Institute

PRE-REQUISITES : Medical and Paramedical – Students & Faculty.

INDUSTRY SUPPORT : Health care centres and Hospitals; Medical, Dental, Paramedical colleges – National and International; Research centres – National and international.

COURSE OUTLINE :

Electrocardiogram, a hallmark investigation even in modern days, has its utmost importance in day to day clinical practice. The knowledge about electrocardiogram is extensive ranging from the genesis and physiology behind it to the deviations. It is crucial to have an extensive knowledge of ECG for clinical practice and research and it requires deliberate practice and expertise. The knowledge of ECG is important to all medical, paramedical fraternity and research scholars, hence a learning module on the interpretation and application of ECG in clinical practice is the need of the hour. In this training module, we are going to walk you all through the basics of ECG, techniques on recording and also about the interpretation of ECG in many clinical scenarios with more practical illustrations. This could make reading and interpreting ECG facile and apprehensible.

ABOUT INSTRUCTOR :

Prof. Sanjay Andrew Rajaratnam, MD, Professor & Head, Physiology, Chettinad Hospital and Research institute Prof. Anbarasi. M,MD,Professor, Physiology,Chettinad Hospital and Research institute Prof. A.Ahamed Basha, PhD,Professor, Physiology,Chettinad Hospital and Research institute Prof. Brinda. S, MD, Associate Professor, Physiology, Chettinad Hospital and Research institute Prof. Meena. A, MD,Assistant Professor, Physiology,Chettinad Hospital and Research institute Prof. Vijayashree Raghavan, MD, Professor & Head, Pathology, Chettinad Hospital and Research institute Prof. N R Rajesh Kanna, MD,Professor, Pathology,Chettinad Hospital and Research institute Prof. Arunkumar, MD,Professor, Pharmacology,Chettinad Hospital and Research institute Prof. Vigneshwaran, DNB,Professor, General Medicine,Chettinad Hospital and Research institute Prof. Durga Krishnan, MD,Professor, General Medicine,Chettinad Hospital and Research institute Prof. Mayilananthi K, MD,Professor, General Medicine,Chettinad Hospital and Research institute Prof. Vinu B, MD,Assistant Professor, General Medicine,Chettinad Hospital and Research institute Prof. Anatha Kumar, MD,Assistant Professor, General Medicine,Chettinad Hospital and Research institute Prof. Vrinda, MD,Assistant Professor, General Medicine,Chettinad Hospital and Research institute Prof. Chokkalingam M, MD DNB,Professor, Cardiology,Chettinad Hospital and Research institute Prof. Ashok G, MD DM,Associate Professor, Cardiology,Chettinad Hospital and Research institute Prof. DurgaDevi K, MD DM,Assistant Professor, Cardiology,Chettinad Hospital and Research institute Prof. Anand Manjunath K, MD DM,Assistant Professor, Cardiology,Chettinad Hospital and Research institute

COURSE PLAN :

Week 1: Physiological principles - ECG basics

Week 2: Pathology

Week 3: General Medicine - Identifying dysarrhythmias (With case scenarios)

Week 4: Cardiology - ECG application (With case scenarios)