



Direzione Ricerca,
Innovazione e
Internazionalizzazione

**UNIVERSITÀ
DI TORINO**

ID

VP_159_SCB

Visiting Professor Program Academic Year 2025/2026

TEACHING COMMITMENT: 12 hours

COURSE TITLE

Principles of Electrocardiography

TEACHING PERIOD

II semester

SCIENTIFIC AREA

Cardiovascular Physiology

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

The course will cover the basic principles of cardiac electrophysiology, with particular focus on the physics of dipoles and electrical fields. Thoracic and limb leads will be analysed, along with their comparison. A comprehensive reading of normal EKG traces will be supervised, and insights into pathological signs will be provided.

LEARNING OBJECTIVES

By the end of the course the student will be able to describe the principal segments, tracts and waves of a normal EKG with numerical analysis of the main parameters. Moreover, the student will be able to promptly identify an abnormal trace or sign.

OTHER ACTIVITIES BESIDE THE COURSE

VISITING PROFESSOR PROFILE

The candidate should hold a degree in bio-medical sciences and a documented teaching background in the field of cardiovascular physiology/medicine.

CONTACT REFERENT

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