



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Fisiologia 1 B

1718-2-H4101D253-H4101D021M

Aims

It is essential that all medical students receive sufficient exposure to the physiological concepts underlying the functions of the human body that will provide the necessary basis for further studies in pharmacology, pathology, pathophysiology and medical clinic and surgery. Curricular objectives are focused primarily on the normal function of the organism, however, the material is presented in a context that prepares students for their role as physicians. Therefore, when possible, clinical examples will be used to illustrate the basic physiological principles.

Contents

The module in question includes practical lessons involving students in the measurement of blood pressure and in the execution and reading of physiological electrocardiograms.

Detailed program

Practise:

Blood pressure. Sphygmoc wave. Peripheral vascular resistance. Control by the sympathetic nervous system and circulating catecholamines. Arterial pressure in the different districts of the cardiovascular system. Systolic, diastolic and mean arterial pressure. Measurement of arterial pressure.

Electrocardiogram: Reading and interpretation of a physiological electrocardiogram

Prerequisites

theoretical lessons in the classroom

Teaching form

Practice

Textbook and teaching resource

KLINKE, Fisiologia EdiSES

CONTI, Fisiologia Medica, EDIERMES

GUYTON & J.E. HALL, Fisiologia medica, Piccin

D'ANGELO, PERES, Fisiologia, EDIERMES

GRASSI, NEGRINI, PORRO Fisiologia Medica, POLETTI EDITORE

Semester

Second Semester

Assessment method

Oral examination at the end of the course

Office hours

By appointment
