Physiology 280 (FSG 280)

Qualification	Undergraduate
Faculty	Faculty of Health Sciences
Module credits	40.00
NQF Level	06
Programmes	BChD
Prerequisites	CMY 151, FIL 155, GNK 188, IDE 170, MGW 112, MLB 111, MTL 180, PHY 131, POH 170, SEP 110.
Contact time	1 practical per week, 6 lectures per week
Language of tuition	Module is presented in English
Department	Physiology
Period of presentation	Year

Module content

Building blocks and metabolism of molecules, muscle and neurophysiology, cerebrospinal fluid and the special senses. Body fluids; haematology; cardiovascular physiology and the lymphatic system. Structure, gas exchange and non-respiratory functions of the lungs; structure, excretory and non-urinary functions of the kidneys, acid-base balance, as well as the skin and body temperature control. Nutrition, digestion and metabolism; hormonal control of the body functions and the reproductive systems. Where appropriate, case studies will be discussed in order to demonstrate the practical application of the gained physiological knowledge to the clinical management of a dental patient. Practical work to complement the theory.

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