

Faculty of Medicine



ANAT1370 Radiologic anatomy and normal imaging

[30h+7.5h exercises] 3 credits

Teacher(s): Guy Cosnard, Louis Goncette, Frédéric Lecouvet, Bernard Van Beers (coord.), Bruno Vande Berg
Language: French
Level: First cycle

Aims

- 1.To offer a global revision of the normal anatomy as shown in vivo with different imaging methods: X rays, ultrasound (US) computed tomography (CT), and magnetic resonance imaging (MRI).
- 2.To illustrate the contribution and limits of the different imaging methods and to learn about the best imaging method in terms of cost-effectiveness for each anatomic region. The aim is to prepare the student to use the information given by the imaging methods to solve clinical problems without multiplying the examinations. The course of radiologic anatomy and normal imaging is the first step for a rational use of medical imaging in the clinics.

Main themes

1. Introduction to the different imaging methods: how to do and to interpret, usefulness and limits, radioprotection and economics
2. Revision of the normal anatomy with imaging including musculoskeletal, thoracic, cardiovascular, gastrointestinal, genitourinary and neurologic imaging. Normal variants that are important to recognize in the daily medical practice are shown.

Content and teaching methods

Illustrated and interactive course.
 Seminars to help the students to identify the radiologic anatomy.
 Notes (in French) and presentations on CD roms are available.

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Written examination containing 100 questions.

Other credits in programs

ESP31DS/RP	Première année du diplôme d'études spécialisées en santé publique (Physique d'hôpital)		Mandatory
MED13BA	Troisième année de bachelier en médecine	(3 credits)	Mandatory