

Faculty of Medicine



MCBL2117 Medical Microbiology and hygiene in dental practice

[15h] 2 credits

This course is taught in the 1st semester

Teacher(s): Patrick Goubau
Language: French
Level: Second cycle

Aims

In a first part lectures will give an overview of general virology and in the second part specific medical virology will be dealt with. In general virology some aspects of fundamental virology, necessary for a good understanding of the specific part will be given. In this same first part, different aspects of diagnosis, treatment and antiviral immunisation will be discussed. In the part concerning specific medical virology, individual viruses will be reviewed. Priority is given to viruses with a direct impact on dental practice, be it because they give oral lesions, or because they may be transmitted during dental treatment.

Content and teaching methods

Contents and methods

The lectures are given with the help of projected transparencies, a copy of which is given to the students. They also have printed lecture notes at their disposal.

The course is divided in two parts. In the first, general characters of viruses are given (structure, taxonomy, cycle, genetic variation, elements of pathogenesis, general aspects of diagnosis, immunisation and treatment). The second part is devoted to systematic virology, the following viruses are reviewed: herpesviruses, hepatitis viruses, HIV, picornaviruses, influenza, respiratory syncytial virus, parainfluenza, mumps, coronaviruses, rubella, parvovirus B19.

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

Prerequisites: the course is intended for student dentists in their first master year.

Evaluation: a written examination with question requesting short answers and multiple choice questions. The content of the written lecture notes reflects exactly what should be known.

Other credits in programs

DENT21	Première licence en science dentaire	(2 credits)	Mandatory
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