



GENERAL PATHOLOGY

Enrollment year	2019/2020
Academic year	2020/2021
Regulations	DM270
Academic discipline	MED/04 (GENERAL PATHOLOGY)
Department	DEPARTMENT OF CLINICAL-SURGICAL, DIAGNOSTIC AND PEDIATRIC SCIENCES
Course	ORTHOPAEDICS TECHNIQUES
Curriculum	PERCORSO COMUNE
Year of study	2°
Period	(01/10/2020 - 22/01/2021)
ECTS	2
Lesson hours	16 lesson hours
Language	Italian
Activity type	WRITTEN AND ORAL TEST
Teacher	CAZZALINI ORNELLA - 2 ECTS
Prerequisites	Knowledge of biochemistry, physiology and cellular biology.
Learning outcomes	The of the course is to introduce students to the etiological and pathological basis of diseases.
Course contents	<p>Definition of Pathology. Methods of study. Alterations as a result of the interaction between genetic and ecosystem.</p> <p>Etiology Pathogens: a) intrinsic body: genetic disorder with nods to the causes of birth defects; b) extrinsic to the (environmental pathology): 1) physical agents (radiation, high and low temperatures); 2) chemicals (mechanism of injury, routes of absorption and elimination,</p>

defense mechanisms, exogenous toxins, poisons endogenous);
3) nutritional abnormalities
4) biological interactions.

Regressive processes (Cellular Pathology)

- hypoplasia, hypotrophy;
- cellular accumulation;
- pathological calcifications;
- pathological pigmentation;
- necrosis and apoptosis.

Reactive processes

The regeneration.

Inflammation: causes, moments, aspects, evolution; chronic inflammation.

Pathological growth

Hypertrophy and hyperplasia.

Tumor biology: definition, benign and malignant tumor, invasion, metastasis, cachexia, etiology, principles of classification, epidemiology, influence of diet.

Complex lesions

Thrombus

Atherosclerotic lesion

Teaching methods

Lectures

Reccomended or required readings

Pontieri - Elementi di Patologia generale per corsi di laurea in professioni sanitarie - Piccin

Parola - Patologia generale - EdiSES

The slides of the lectures will be available in Kiro site.

Stivala e Vannini - Guida allo studio della Patologia generale - Print Service

Assessment methods

Written exam composed by open questions or multiple choice .

Further information

Written exam composed by open questions or multiple choice .

Sustainable development goals - Agenda 2030

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