

Dear students,

the **second colloquium in pathophysiology** will be held on **Wednesday 11.03.2020. at 11:00 h** in **Classroom 2 in the Head Building**, Dr Subotica 8 street (largest classroom at the end of the hall).

Please read carefully the instructions about taking the colloquium and scoring which are available under the "Grading policy" tab at

<http://studiesinenglish.med.bg.ac.rs/courses/third-year/medical-pathophysiology/>

The topics for the second colloquium are:

LECTURES

From the fifth semester

Valvular heart disease. Ischaemic heart disease. Disorders of circulation due to alterations of the heart function

Disorders of the heart's impulse formation and conduction. Arterial hypertension and hypotension.

Obstructive pulmonary disease. Restrictive respiratory syndrome. Alterations in control of ventilation. Hypoxia

Alterations in pulmonary circulation. Pulmonary vascular disease.

From the sixth semester

Anaemia. Etiopathogenesis and systemic consequences. Polycythaemia.

Disorders of white blood cells. Lymphoproliferative disorders. Leukaemia.

Disorders of haemostasis and blood coagulation.

Disorders of gastrointestinal secretion and motility. Intestinal obstruction (ileus).

Gastrointestinal bleeding. Etiopathogenesis of peptic ulcer disease. Alterations of absorption and digestion. Malabsorption syndromes. Intestinal inflammations.

Disorders of exocrine pancreas.

SEMINARS

From the fifth semester

Implication of alterations of vitamins and trace elements

Cellular and systemic hypoxia

From the sixth semester

Functional Aspects of Respiratory System Alterations

Pathophysiology of cardiac arrhythmias

Heart failure and evaluation of CVS functions

Functional Aspects of Haematological System Disorders

Pathophysiology of Acute and Chronic Fatigue

LABS

From the fifth semester

LAB #11 Pathological ECG

LAB #12 Alterations of systemic circulation

From the sixth semester

LAB #13 Alterations of the Respiratory System

LAB #14 Haematological System Disorders I - Anaemias

LAB #15 Haematological System Disorders II – White Blood Cells Alterations and Leukaemias

LAB #16 Haematological System Disorders III – Disorders of Haemostasis

LAB #17 Gastrointestinal System Disorders

The colloquium will be structured so that roughly 80% of the questions are from practicals (seminars and labs) and 20 % are from the lectures.

Regards and good luck on the colloquium,

Course director

Prof. Srdjan Lopicic