

Program of Study : **General Medicine**
Course : **Internal Medicine II**
Abbreviation : **IN1/VA022**
Schedule : 0 hours of Lectures
 120 hours of Seminars and Exercise
Course Distribution : VII., VIII. Semester, 4th Year
Number of Credits : 6
Course Form : Seminars, exercises

Head Teachers : odb.as. MUDr. Vlastimil Doupal, Ph.D.
 odb. as. MUDr. Petr Jakubec, Ph.D.

Terms: 19.9. – 14.10. 2022
 8.5. – 2.6. 2023

Cardiology (Department of Internal Medicine I – Cardiology) – 3 weeks of block
 Pneumology (Department of Respiratory Medicine) – 1 week of block

CARDIOLOGY - Pract. training and Seminars - 15 days

Teachers for practical training: doc. MUDr. Dan Marek, Ph.D.
 odb. as. MUDr. Vlastimil Doupal, Ph.D.
 odb. as. MUDr. Jan Galuszka, Ph.D.
 odb. as. MUDr. Monika Kamasová, Ph.D.
 odb. as. MUDr. Patrik Keprt

Day	8.00 – 8.45	8.45 - 11.45	11.45 - 12.30
Monday 19.9.2022 8.5.2023 Holiday	Seminary Introduction to Cardiology Táborský (Heinc)	Practical training / Laboratories	Seminary ECG I Číhalík (Galuszka)
Tuesday 20.9.2022 9.5.2023	Seminary Basics of Hemodynamics Špaček (Červenka)	Practical training / Laboratories	Seminary Angina pectoris Galuszka
Wednesday 21.9.2022 10.5.2023	Seminary Interventional Methods in Coronary Heart Disease Richter (Sluka)	Practical training / Laboratories	Seminary Echocardiography Marek
Thursday 22.9.2022 11.5.2023	Seminary Heart failure Aiglová (Červenka))	Practical training / Laboratories	Seminary Hypertension Kociánová (Galuszka)
Friday 23.9.2022 12.5.2023	Seminary Myocardial infarction Galuszka	Practical training / Laboratories	Practical training / Laboratories

Monday 26.9.2022 15.5.2023	Seminary Bradyarrhythmias Číhalík (Doupal)	Practical training / Laboratories	Seminary Cardiomyopathy Aiglová (Červenka)
Tuesday 27.9.2022 16.5.2023	Seminary Pulmonary Embolism Hutyra (Přeček)	Practical training / Laboratories	Seminary Cardiac Pacing, ICD Doupal
Wednesday 28.9.2022 Holiday 17.5.2023	Seminary Valvular and Congenital Heart Disease in Adults I+II Marek		Seminary Diff.Diagnosis of Chest Pain Galuszka (Heinc)
Thursday 29.9.2022 18.5.2023	Seminary Endocarditis, Myocarditis, Pericarditis Heinc	Practical training / Laboratories	Seminary Syncope Doupal
Friday 30.9.2022 19.5.2023	Seminary Supraventricular Tachyarrhythmias Kautzner (Heinc)	Practical training / Laboratories	Seminary Ventricular Tachyarrhythmias Kautzner (Heinc)
Monday 10.10.2022 29.5.2023	Seminary ECG II Číhalík (Galuszka)	Practical training / Laboratories	Practical training / Laboratories
Tuesday 11.10.2022 30.5.2023	Seminary Peripheral Artery Disease Kováčik (Smékal)	Practical training / Laboratories	Practical training / Laboratories
Wednesday 12.10.2022 31.5.2023	Seminary Diseases of Aorta Koubek	Practical training / Laboratories	Practical training / Laboratories
Thursday 13.10.2022 1.6.2023	Practical training / Laboratories	Practical training / Laboratories	Practical training / Laboratories
Friday 14.10.2022 2.6.2023	Practical training / Laboratories 8.00 -11.00	Seminary - knowledge checking 11.00 – 12.30 Doupal (Galuszka, Heinc)	

For actual detailed schedule for practical training/laboratories distribution watch noticeboard on dept.

The practical training solutions of acute cardiology cases in the simulator on CENTESIMO (each group twice during a block) will be part of the course during cardiology block - a detailed schedule will be announced at the beginning of the block.

Prof. MUDr. Miloš Táborský, CSc., FESC, FACC MBA Odb.as.MUDr.Vlastimil Doupal, Ph.D.
Head of Dept of Internal Medicine I – Cardiology Representative for teaching

PNEUMOLOGY – Pract. training and Seminars – 5 days

Teachers:

odb. as. MUDr. Petr Jakubec, Ph.D.
odb. as. MUDr. Vladimíra Lošťáková, Ph.D.
odb. as. MUDr. Monika Žurková, Ph.D.
odb. as. MUDr. Juraj Kultán

odb. as. MUDr. Jaromír Zatloukal, Ph.D.
 odb. as. MUDr. Samuel Genzor, Ph.D.
 as. MUDr. Jan Mizera
 as. MUDr. Müllerová Andrea
 as. MUDr. Jiří Kufa
 as. MUDr. Voláková Eva

Day	8.00 – 8.45	8.45 – 9.30		10.45 – 11.45	11.45 – 12.30
Monday 3.10.2022 22.5.2023	Seminary Content of Respiratory Medicine Mizera (Kultan)	Practical Training		Seminary Pulmonary Syndromes Mizera (Kultan)	Seminary Lung Tumours Kultan (Mizera)
Tuesday 4.10.2022 23.5.2023	Seminary Pulmonary Function Tests Genzor (Voláková)	8.45-9.30 Seminary Sleep Apnoe Syndrome Genzor (Žurková)	9.30-10.15 Seminary Tuberculo sis Genzor (Mizera)	Seminary COPD Zatloukal (Voláková)	Seminary Asthma Bronchiale Zatloukal (Voláková)
Wednesday 5.10.2022 24.5.2023	Seminary Respiratory Insufficiency Jakubec (Mizera)	Practical Training		Seminary Pleural Diseases and Mediastine Jakubec (Kufa)	Seminary Pneumonia Jakubec (Mizera)
Thursday 6.10.2021 25.5.2023	Seminary Interstitial Lung Diseases Lošťáková (Žurková)	Practical Training		Seminary Sarcoidosis Žurková (Žurková)	Seminary Respiratory infections Müllerová (Žurková)
Friday 7.10.2022 26.5.2023	Seminary Endoscopy of Respiratory System Jakubec (Zatloukal)	Practical Training		Checking your knowledge Genzor (Mizera)	

MUDr. Petr Jakubec, Ph.D.
 Head of Dept of Respiratory Medicine

odb. as. MUDr. Samuel Genzor Ph.D.
 Representative for teaching

The practical training includes excursions into the laboratory, therefore, each student must have the coat, slippers and a identification card (badge) !!!

IN1/VA022 Completed by: Practicavit

Requirements for credit: 3-fold non – attendance at the cardiology seminars and 3-fold non – attendance at the pneumology seminars are allowed. 2–fold non-attendance at the practical training/laboratories in cardiology and 1-fold non-attendance at the practical training in pneumology are allowed. Students are obliged to compensate for more non-attendance than stated. Holidays without compensation.

Continuous verification of knowledge during practical training, in laboratories and on simulator.
Final knowledge checking on the end of Pneumology and Cardiology parts (80% of points in the tests)

Literature:

1. Cecil: A Textbook of Internal Medicine
2. Číhalík Č.: An atlas of clinical electrocardiography, 1998, ISBN 80-7067-821-6.
3. Lukl J.: Clinical Cardiology in Brief, Olomouc 2007, ISBN 978-80-244-1643-4.
4. James DG, Studdy PR: A Colour Atlas of Respiratory Disease, 1990, ISBN 0 7234 0762 2.
5. Gibbon GJ, Geddes DM, Costabel U, Sterk PJ, Corrin B: Respiratory Medicine, 2003, ISBN 0 7020 2613 1.
6. Interactive Cardiology, ecardio.eu

The detailed schedule of the block will be announced at the beginning of each block.

Prof. MUDr. Miloš Táborský, CSc., FESC, FACC, MBA
Head of Dept of Internal Medicine I – Cardiology

Odb.as.MUDr.Vlastimil Doupal, Ph.D.
Representative for teaching