

Program of Study	:	General Medicine
Course	:	Internal Medicine IV
Abbreviation	:	IN0/VA041
Schedule	:	320 hours of practical training and seminars
Course Distribution:		6th year, 11th and 12th semesters
Number of Credits	:	24
Course Form	:	Practical training and seminars

In the academic year 2022/2023, 6th year (11th and 12th semesters) General Medicine the courses and state comprehensive (rigorosum) examinations of the Internal Medicine are organized and coordinated by the Department of Internal Medicine III – nephrology, rheumatology and endocrinology.

Teachers: Prof. MUDr. Miloš Táborský, CSc. FESC, FACC, MBA
 Doc. MUDr. Ondřej Urban, Ph.D.
 Prof. MUDr. Pavel Horák, CSc.
 Prof. MUDr. Tomáš Papajík, CSc.
 MUDr. Petr Jakubec, Ph.D.
 Prof. MUDr. Bohuslav Melichar, Ph.D.
 Prim. MUDr. Karel Navrátil

Course: blocks

Teachers in charge of practical training:

- MUDr. V. Doupal, Ph.D., Department of Internal Medicine I – Cardiology
- Prof. MUDr. J. Ehrmann, CSc., Department of Internal Medicine II – Gastroenterology and Geriatrics
- Doc. MUDr. M. Halenka, Ph.D., Department of Internal Medicine III – Nephrology, Rheumatology and Endocrinology
- Doc. MUDr. Jiří Minařík, Ph.D., Department of Hemato-Oncology
- MUDr. S. Genzor, Ph.D., Department of Respiratory Medicine
- Doc. MUDr. B. Mohelníková Duchoňová, Ph.D., Department of Oncology
- Prim. MUDr. K. Navrátil, Department of Internal Medicine, Military Hospital Olomouc

On the day of the start of the training, please come at 7 am at the corresponding department to the secretary room and contact the responsible teacher. The practical training starts every day from 7 am and finish at 1 pm.

Objectives:

A detailed introduction into the organization of the departments of internal medicine, including specialized centers and laboratories of supplementary or supporting branches of internal medicine. Mastery of a broad spectrum of basic practical skills in internal medicine. Extended theoretical knowledge and acquisition of “clinical thinking”.

Requirements:

According to the 2022/2023 time-table, 6th year English Program General Medicine students will have their Internal Medicine **practical training 12. 9. – 4. 11. 2022; mandatory consultation 7. 11. – 11. 11. 2022, consultations with Department of Oncology will be held individual, after contacting tutor, the Internal Medicine state exams will be held on 28.11.-2.12.2022.**

Students will have their pre-state examination internal medicine practical training at an inpatient ward of one of the “parent departments” (see above – teachers in charge) for 8 weeks, including 1 week at the Department of Internal Medicine of the Military Hospital Olomouc.

Granting of credit will be recorded in the study credit book by the teacher in charge from the respective “parent department” on Friday in the 8th week of practical training (or one day prior to the practical part of the state examination). The credit will be granted upon submitting a written record of individual practical training at internal medicine departments and the Department of Internal Medicine of the Military Hospital Olomouc (a form called “Internal medicine practical training IN0/VA041 - 6th year, academic year 2022/2023” is a part of this syllabus). Apart from individual evaluation of the student’s performance, the form will state whether the student met the practical training requirements. The filled-in form signed by the teacher in charge will be a part of the student’s individual file presented to the state examination board.

Content:

Practical training preceding the internal medicine state examination aims at extending theoretical knowledge and acquiring other practical skills in undergraduate internal medicine. During their practical training, students will mainly perform activities in fact equal to duties of a house physician, with special attention being paid to bedside work supervised by an experienced physician.

Under the physician’s supervision, students have to be able to elaborate clinical notes, draw a diagnostic conclusion, propose further diagnostic and therapeutic procedures, and write a discharge report. During a ward round, students have to report on the clinical course of a patient’s disease. Each student should spend at least one day at an ICU of the respective department in order to become acquainted with principles of work in the unit (regardless of the ICU specialty).

Each student should spend at least one day at an outpatient ward of the respective department of internal medicine in order to become familiar with the principles of work in outpatient wards (regardless of the ward specialty).

Students will participate in other examinations of patients they care for or other patients as recommended by the supervising physician. The obligatory examinations are listed on the back side of the aforementioned form. For meeting all the requirements, each student’s activities mentioned in the final evaluation are important.

Practical skills to be mastered by the students include injection techniques, interpretation of ECG curves, description of basic radiographs, including CT scans, compilation of a basic diet including that for diabetic patients, and interpretation of basic laboratory markers.

Recommended literature:

1. Lectures and seminars of IN0, IN1, IN2, IN3
2. Chrobák L., Gral T., Kvasnička J.: Physical Examination In Internal Medicine. Grada Publishing spol. s. r. o., Praha, 2003 (reprint), Czech Republic, ISBN 8024706172.
3. Macleod, J., Munro J. F., Campbell, I. W.: Macleod's Clinical Examination. 10th ed., Churchill Livingstone, 2000, ISBN 0443061866 (International student ed.).
4. Wing E, Schiffman F. (Ed) Cecil essentials of medicine 10th ed. (2021), Saunders/Elsevier, 2021, ISBN 9780323722711
5. Jameson JL, Fauci AS, Kasper D L, et al. Harrison's principles of internal medicine. 20th Edition, volume 1,2. McGraw Hill Education, 2018, ISBN 978-1-259-64403-0
6. Oxford Handbook of Clinical Medicine. Collegium of authors. Oxford University Press 2017, ISBN 9780199689903.

Schedule of consultation seminars

Place: New Building, room TD 2.521, 2.517

Date and place	Time	Provided by the clinic
7.11.2022 New building, room TD 2.521	8:00 – 13:00 hod	I. IK
8.11.2022 New building, room TD 2.521	8:00 – 13:00 hod	PLIC
9.11.2022 New building, room TD 2.517	8:00 – 13:00 hod	HOK
10.11.2022 New building, room TD 2.517	8:00 – 13:00 hod	III. IK
11.11.2022 New building, room TD 2.521	8:00 – 13:00 hod	II. IK

Consultations with Department of Oncology will be held individual, after contacting tutor – Beatrice.MohelnikovaDuchonova@fnol.cz

**Distribution of groups for practical training on the departments
and for state exams**

Group	Parent Dept.	Term of MH practical training	Dept. for state exam
Ba1	I.IK	12. 9. – 16. 9. 2022	StE I.IK
Ba2	II.IK	19. 9. – 23. 9. 2022	StE II.IK
Ba3	III.IK	26. 9. – 30. 9. 2022	StE III.IK
BaP	Pulm	3. 10. – 7. 10. 2022	StE II.IK
BaH	HOK	3. 10. – 7. 10. 2022	StE I.IK
BaX	Onc	3. 10. – 7. 10. 2022	StE II.IK

I.IK – Department of Internal Medicine I

II.IK – Department of Internal Medicine II

III.IK – Department of Internal Medicine III

HOK – Department of Hemato-Oncology

Pulm – Department of Pulmonary Diseases and Tuberculosis

MH – Military Hospital Olomouc

Onc – Department of Oncology

StE – State Exams

Note: The practical part of the state exam will be held the day before the theoretical part of state exam