

Internal Medicine

INTERNAL MEDICINE - 5TH YEAR

Academic Year 2021 / 2022

1. PREREQUISITIES

Prerequisites for taking part in the course: fulfilment of all study requirements of the 3rd and 4th year.

The knowledge of pathology, pathophysiology and pharmacology of courses in the 3rd and 4th year, as well as general and special pathology and general and special pharmacology

2. SEMINARS

Students are invited to attend the Seminars of Internal Disciplines. The seminars cover major topics of internal medicine in a clear manner and represent the basic postgraduate study for young internists.

Students may also attend seminars of internal subdisciplines. A detailed programme can be found on the web sites of every Clinic.

3. CLINICAL INTERNSHIP

In clinical training held by associated professors and assistants, the demonstration of the patients with focus on improving skills in taking patient's history and physical examination, interpretation of clinical and laboratory findings and therapy assessment. Bedside teaching: 6x5 lessons in one of subspecialties of internal medicine (cardiology, nephrology, diabetology and endocrinology, haematology).

The internship sites: Dep. of Internal Medicine, Dep. of Cardiology; Dep. of Haematology in Faculty Hospital Královské Vinohrady, and with selected assistants and senior lecturers at "Na Homolce" Hospital in Prague 5, "Na Františku" Hospital in Prague 1, Thomayer Hospital, at IKEM Prague and FN Bulovka.

Clinical training: daily after 1.30 pm based on your selection. Duration: 90 minutes

Subspecialty bedside lessons: block 1: weeks 1-5, block 2: weeks 6-10, block 3: weeks 11-15.

Signing-up for bedside teaching will be announced by Study department.

Students subscribe for 1 clinical lesson weekly, i. e. the training in one subspecialty will take 5 weeks. ERASMUS students may complete 2 internal subspecialties a week, i.e. 2 clinical lessons in 2 subspecialties weekly.

It is strongly recommended to cover as many subspecialties as possible. Attendance forms: available at the secretariat of the chair of Internal Medicine (building N, 3rd floor) at the beginning of the semester.

Other requirements for bedside teaching: clean white coat, stethoscope, indoor shoes depending on the instructions of a given hospital department. Students are strictly reminded not to attend bedside teaching if having respiratory or gastrointestinal infection and in case of epidemiologically significant history especially in connection with COVID-19.

Alternative dates for missed lessons may be arranged with teachers. In case of a more significant absence, talk to the Head of the Chair of Internal Medicine. Students with individual study plan and Erasmus students are requested to contact the Head of the Chair of Internal Medicine. The Erasmus students from Third Faculty of Medicine before leaving for Erasmus studies abroad will personally discuss the program of the other university with the Head of the Chair of Internal Medicine.

It is obligatory to perform hand hygiene, to wear face masks and to follow instructions of the departments, where the internships take place.

For the entire academic year, 6 absences at max. will be tolerated.

4. CREDIT

The subject internal medicine I is completed by credit.

Credit will be given after completion of all bedside training lessons upon delivering the attendance sheet to the box of the secretariat of the Department of Internal Medicine (before make a copy). Confirmation of attendance must be always registered in the internal medicine 5th year. sheet - teacher's signature and stamp.

Literature:

Parveen Kumar & Michal Clark: Clinical Medicine

Harrison's Principles of Internal Medicine, 19th or 20th edition

Gerd Herold: Innere Medizin 2020, 2021

Prof. MUDr. Michal Anděl, CSc., FCMA

MUDr. Marie Čecháková

Head of the Chair of Internal Medicine

Organizer of studies of Internal Medicine I

Surgery

To see personally the work of a surgeon in the surgical emergency. Students will take a part in the surgical emergency during weekends, every time after a deal made with the teacher.

Moreover, students can participate in acute operations performed at this time

Weekend stay in surgical emergency is possible for maximally 2 students. Students can participate in work on emergency as well as in acute operations performed at this time.

To get the credit: fulfill one-week stay (Saturday + Sunday 8,00 – 20,00) in the emergency of the department of surgery (100% participation necessary) during the whole academic year.

The students must pick up the credit form (card) at the secretary of the Dpt. of Surgery Mrs. Hamouzová.

Orthopaedics

Students are advised on careful study and preparation of their individual learning plans.

Lessons (practical training or seminar) begins at the appointed hour. For the practical training students will have clean white gowns and hospital shoes. The key from the dressing room is available at the lodge of pavilion „H“. Seminars are held in the lecture hall without gowns in hospital shoes. Tutor is **Jiří Skála-Rosenbaum, MD, PhD, Prof.**

1. Interactive case study seminars (Monday, 14,00-15,30):

Each student completes 4 of 6 seminars in selected block. The maximum number of students in one seminar is 50:

Degenerative spine
Osteoarthritis and arthroplasty
Open fractures
Low back pain
Traumatology and war
Developmental dysplasia of the hip

2. Night duty (Monday 16,00-21,00):

Work in traumatological emergency, practical training in the operating theatre

Winter: 1.-19. Week

Summer: 1.-19. week

Each student completes one night duty in the winter or the summer semester with a teacher according to his/her own choice. They will register no later than by Friday of the preceding week. The maximum number of students in one practical training is 2.

3. Outpatient dept. (Monday 13,30-15,00) – pavilion “M”:

Work in sonograph outpatient dept. - Ježek Jakub

Winter 1.-19. Week

Summer 1.-19. week

Students will complete one practical training in the sonography outpatient department in the winter or summer term with a teacher according to their own choice. They will register no later than by Friday of the preceding week. The maximum number of students in one practical training is 2.

List of recommended literature:

D.J. Dandy, D.J. Edwards: **Essential Orthopaedics and Trauma**. 5th edition. Churchill Livingstone Elsevier, 2009

T. Duckworth, C.M. Blundell: **Orthopaedics and Fractures**. 4th edition. Wiley-Blackwell, 2010

D.L. Hamblen, H. Simpson: **Adams’s Outline of Orthopaedics**. 14th edition. Churchill Livingstone, 2010

M. Hochberg et al.: **Rheumatology**. 6th edition. Elsevier Mosby, 2015

T.O. White et al.: **McRae’s Orthopaedic Trauma and Emergency Fracture Management**. 3rd edition. Elsevier, 2016

Urology

Coordinator: MUDr. Jindřich Šonský, FEBU, jindrich.sonsky@fnkv.cz

MUDr. Alexandra Gregušová, alexandra.gregusova@fnkv.cz

Tuition runs from 13.30 to 15.00 in building H FNKV for details see particular Practice or Seminar.

White coat and clean shoes are needed for Practices.

Tuition in fifth year continues to the theoretical block of Urology within NURG in previous year.

To obtain the credit it is necessary to attend 2 courses from all. Choose them according your preference.

Paediatrics

Bedside teaching of Paediatrics:

All students must wear white cloaks with name-tag attached and have their own stethoscope. In FNKV it is not necessary to change one's shoes, in hospital Bulovka it is necessary. (There are available one-off sleeves in the hospital.)

Student cloakroom in FNKV is situated on the lower ground floor – room S.17. The key is located at the reception desk of the Dept. of Paediatrics – ground floor building M.

Bedside teaching with Dr. Peychl takes place in Bulovka Hospital, Dept. of Paediatrics, Building 15. There is also situated the student cloakroom.

Teaching of Neonatology:

The students will meet at 15:30 on the 2nd floor of the Institute for the Care of Mother and Child (pediatric secretary), Podolské nábřeží 157, 147 00 Prague 4

Attending one neonatology bedside teaching session is a prerequisite for credit.

Neonatology tutor: prof. MUDr. Zbyněk Straňák, CSc., MBA

Conditions of CREDIT:

All students must be present on 10 bedside sessions of Paediatrics and 1 bedside session of Neonatology.

+ must attend 10 seminars from paediatrics.

Person responsible for teaching Paediatrics:

Dr. David Marx: david.marx@lf3.cuni.cz

Clinical genetics

Clinical genetics – coordination of the course:

Prof. MUDr. Marie Černá, DrSc., marie.cerna@lf3.cuni.cz

Requirements for credit:

- fulfilment of eight credits (8 seminars or 8 seminar works, and all can be arbitrarily combined)

- attendance of the Dept. of Medical Genetics in Thomayer Hospital (if the week before the practical training will not stay logged on one, it will not take place)

- passing the test at minimum 60 points (terms of tests are provided in the schedule), consultation and looking for texts take place in one week after the test.

Thomayer Hospital; Vídeňská 800, Praha 4; www.ftn.cz

Dept. of Medical Genetics: head MUDr. Martina Langová, Ph.D.; martina.langova@ftn.cz

How to get there: Pavilion U, bus station Ústav mateřství - BUS No. 138, 193, 203

Gynaecology and Obstetrics

Teaching is in the form of a weekly practical training (FNKV or ÚPMD Podolí according to the timetable) and 5 seminars.

The weekly block is complemented by "**night internship at the delivery room**". The student will document this practice by delivery report printed by attending physician. Delivery room - "night" - according to SIS schedule (max 2 students per day)

Dates at ÚPMD Podolí - Tuesday, Thursday - beginning at 5 PM or Saturday beginning at 8 AM (the student will report in medical uniform to the attending physician in delivery room – 4th floor)

Dates at FNKV - Tuesday, Thursday - beginning at 5 PM or Saturday beginning at 8 AM (the student will report in medical uniform to the attending physician in the delivery room (2nd floor)

(Students are registering for the practical training through SIS, they can cancel their attendance due to exceptional reasons max. 48 hours before the practice, excuse and

justification of their absence must be sent by e-mail to ObGyn secretary Mrs. Henslová - dasa.henslova@lf3.cuni.cz)

Practical training and seminars are held in parallel by FNKV and ÚPMD Podolí according to the study circle schedule. The credit will be granted based on the attendance records, seminar paper about observed surgery, outpatient case or labour + confirmation of night practical training. Seminar paper serves as a part of the State Exam and its analysis is the first question of the exam. It has to be typed, max. 3 standard pages long, font size 10-12 + attached copy of outpatient examination or copy of surgical protocol. The ObGyn practice in the 5th year **can be replaced by Erasmus abroad program** after prior approval by the head of the ObGyn practice. Proof of assistance during surgery, delivery report and seminar paper is a prerequisite for granting credit to Erasmus students as well.