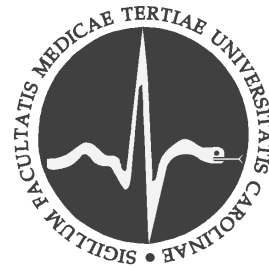


**Charles University in Prague**  
**3<sup>rd</sup> Faculty of Medicine**

**ESSENTIAL STUDY GUIDE**

**List of Study Programs  
and Departments  
Academic Year 1999/2000**



**Prague 1999**



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**3<sup>rd</sup> FACULTY OF MEDICINE**

**CHARLES UNIVERSITY  
IN PRAGUE**

**ESSENTIAL INFORMATION**





## CHARLES UNIVERSITY ADMINISTRATION

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## 3<sup>rd</sup> FACULTY OF MEDICINE ADMINISTRATION

---

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**Jan Kos**, ext. 160  
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Doc. MUDr. Jan Bartoníček, DrSc.  
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MUDr. Karel Filip, CSc.  
Prof. MUDr. Jiří Horák, CSc.  
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Prof. MUDr. Bohumil Ošťádal, DrSc.  
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Prof. MUDr. Richard Rokyta, DrSc.  
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Doc. MUDr. Vlasta Rychterová, CSc.  
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Prof. MUDr. Luboslav Stárka, DrSc.  
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Prof. MUDr. Vlastimil Slouka, CSc.

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### **Vicechair:**

Doc. MUDr. Jana Málková, CSc.  
Štefan Porubský

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#### **OTHER DEPARTMENTS**

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Doc. MUDr. Daniela Janovská, CSc.  
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Karlova Dana  
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Liberko Igor  
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Řeháková Hana  
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## **FACULTY COMMITTEES**

- Committee of Occupational Risks
- Computer Equipment Committee
- Disciplinary Committee
- Editorial Committee
- Ethics Committee
- Expert Committee for Protection of Animals used in Experiments
- International Relations Committee
- Inventory, Depreciation and Liquidation Committee
- Research and Development Committee
- Student Affairs Committee
- Study Reform Committee

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Prof. MUDr. Richard Rokyta, DrSc.  
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STUDY REFORM COMMITTEE

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MUDr. David Marx  
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**Administration:** Hana Jarošová

---

### **3<sup>rd</sup> Faculty of Medicine, General information**

#### **RESEARCH GOALS**

- Prevention, diagnostics and therapy of initial stages of metabolic, endocrine and environmental damages of organism

**Co-ordinator:**

Prof. MUDr. Michal Anděl, CSc.

- Prevention, diagnostics and therapy of initial stages of toxic and infectious damages of parenchymatous organs

**Co-ordinator:**

Prof. MUDr. Jiří Horák, CSc.

- Accident prevention

**Co-ordinator:**

Prof. MUDr. Josef Stingl, CSc.

- Invasion therapy of early stages of cardiac and cerebrovascular diseases in the prevention of later organ damages

**Co-ordinator:**

Doc. MUDr. Pavel Kalvach, CSc.

- Origin, prevention and therapy of nerve system

**Co-ordinator:**

Prof. MUDr. Richard Rokyta, DrSc.

## ***Staff and Students in Academic Year 1999/2000***

Undergraduate students	968 (98 English-speaking students)
General Medicine Students in Czech curriculum Students in English curriculum	614 (342 women) 98 (38 women)
Bachelor's programs	256 (237 women)
Ph.D. students (Biomedicine):	90
Teaching staff (30.9.1999)	334 (24 professors, 55 associate professors)
Research workers	6
Other employees	175
Academic senate	30 (14 students)

## ***Czech Degrees and Academic Titles***

Prof.	Professor
Doc.	Associate Professor
DrSc.	D.Sc.
MUDr.	M.D. (Doctor of Medicine)
PharmDr.	Pharm.D. (Doctor of Pharmacy)
PhDr.	Doctor of Philosophy (vaguely corresponds to M.A.)
Ph.D. (formerly CSc.)	Ph.D.
Mgr.	M.A.
Ing.	M.Sc. (engineering)

## ***New Curriculum***

### ***3<sup>rd</sup> Faculty of Medicine, Charles University in Prague***

In the past seventy years there have been very few changes in the traditional curriculum at the faculties of medicine. Worldwide, diverse faculties emphasize that the structure of training and education methods practiced in medicine be brought closer to new demands on students. Curricula typical for many American and West European medical faculties have been rejected and substituted by integrated and problem-oriented instruction.

The 3<sup>rd</sup> Faculty of Medicine has decided on a radical change in the curriculum of medicine, which was initiated in 1996–97 academic year.

Instead of the training being scattered and individual subjects set up so as to comply with the structure of different departments and Faculty Hospital, the new curriculum consists of specific modules so as to ensure that teaching of particular subjects is tightly knit together.

#### **STRUCTURE OF THE NEW CURRICULUM:**

##### **I. Cycle (1. – 2. Year: Basic Biomedical Sciences)**

– Head: Prof. MUDr. Josef Stingl, CSc.

Module A: Structure and functions of the human body

Module B: Cell biology and genetics

Module C: Biophysics and informatics

Module D: Needs of the patients

Module E: Methodology (since acad. year 2000/2001)

Course: Medical terminology (Latin)

Course: Physical training

Course: Winter training course

Course: Summer training course

Course: Course in the Czech language

##### **II. Cycle (3. – 4. Year: Principles of Clinical Medicine)**

– Head: Prof. MUDr. Jiří Horák, CSc.

Module A: Theoretical foundations of clinical medicine

Module B: Introduction to clinical medicine

Module C: Principles of clinical medicine

Module D: Compulsory elective courses

Course: Czech language – communication with patients

Course: Physical training

##### **III. Cycle (5. – 6. Year: Clinical Preparation)**

– Head: Prof. MUDr. Michal Anděl, CSc.

Module A: Internal medicine – subject programs

Module B: General surgery – subject programs

Module C: Obstetrics and gynecology

Module D: Prophylactics and prevention

Module E: Neurobehavioral sciences

Module F: Optional short-term attachment in the 5<sup>th</sup> or 6<sup>th</sup> year



## ***Bachelor Studies***

In the academic year 1999/2000 the 3<sup>rd</sup> Faculty of Medicine shall carry through with the bachelor studies of "Physiotherapy", "Public Health" and "Medical Science". The aim of bachelor studies goes hand in hand with modern trends worldwide with an eye to increasing and enlarging the possibilities of education of high school graduates.

## ***Oath of Matriculation of Charles University in Prague***

"I promise to properly exercise the rights and fulfil the duties as a member of the academic community at Charles University. I promise to respect the reputable humanistic and democratic tradition of Charles University, to regard to its good reputation and to study so that my activity yields universal good."

## ***Wow of silence 3<sup>rd</sup> Faculty of Medicine***

"I hereby solemnly declare that I shall keep silence about all known facts, especially those that concern patients, which I will learn during my studies for the academic distinction at the 3<sup>rd</sup> Faculty of Medicine."

## ***Master of Arts Pledge***

### **Promotor:**

Doctorandi clarissimi, examinibus, quae ad eorum, qui in arte medica doctoris nomen ac honores consequi student, doctrinam et facultatem explorandam lege constituta sunt, cum laude superatis, nos adiistis desiderantes, ut vos eo honore in hoc solemnem consessu ornaremus.

Prius autem fides est danda, vos tales semper futuros, quales vos esse iubebit dignitas, quam obtinueritis, et nos vos fore speramus.

Spondebitis igitur

PRIMUM vos huius Universitatis, in qua summum in arte medica gradum ascenderitis, piam perpetuo memoriam habituros, eiusque res ac rationes, quoad poteritis, adiuturos:

DEIN honorem eum, quem in vos collaturus sum, integrum incolumemque servaturos:

POSTREMO doctrinam, qua vos nunc polletis, cum industria vestra culturos et cum omnibus incrementis, quae progrediente tempore haec ars ceperit, aucturos et in prosperitatem hominum studiose conversuros, denique cunctis officiis, quae probum medicum sponsoni Hippocraticae obtemperantem decent, ea quae par est humanitate erga quemcunque functuros esse; HAEC VOS EX ANIMI VESTRI SENTENTIA SPONDEBITIS AC POLLICEBIMINI?

**One by one, M. D. students take the pledge on the mace:** SPONDEO AC POLLICEOR

### **Promotor:**

Itaque iam nihil impedit, quominus honores quos obtinere cupitis, vobis impertiamus.

Ergo ego promotor rite constitutus vos ex decreto ordinis mei medicinae universae doctores creo, creatos renuntio omniaque medicinae universae doctoris iura ac privilegia potestatemque universam artem medicam exercendi in vos confero. In cuius rei fidem haec diplomata Universitatis Carolinae sigillo firmata vobis in manus trado.

## ***Master of Arts Pledge***

### **Promotor:**

Dear students, you have successfully passed all examinations prescribed by law to examine the knowledge of those who apply for the degree of the Doctor of Medicine. You are now approaching us with a request to award you on this great occasion the degree you apply for.

Firstly, however, you must take the solemn pledge that you will always behave in the way enjoined by this honorable degree you are going to be awarded as well as in accordance with our expectations.

You shall therefore pledge to:

First of all, keep this university, which shall award you a doctor's degree, in your grateful memory, and support its activity and interests as much as you can, and also to preserve the degree I shall shortly bestow on you untarnished and in good repute.

Finally, to earnestly advance the knowledge you have acquired, to keep learning and ceaselessly enlarge your knowledge with

new findings and discoveries, and to turn your knowledge into good use for the advance of humankind, and to fulfil all your duties as any and every doctor of medicine should according to Hippocrates' oath, and to proceed and approach everybody with proper humanness.

Do you take this pledge upon your conscience?

**One by one, graduates take the pledge on the mace:** I promise and swear.

**Promotor:**

Now there is nothing which would prevent us from awarding you the degree you wish to achieve.

Therefore, I, legally appointed promotor of the Faculty, by the power of my office award you doctors of general medicine and publicly announce your degree and confer upon you all the rights and privileges of the doctors of general medicine, including the practice of the doctor's office.

To prove this, please accept your official diplomas with the seal of Charles University.

## ***English-speaking Students***

In the 1991/92 academic year English instruction to English-speaking MD students in General Medicine with Preventive orientation at the 3<sup>rd</sup> Faculty of Medicine began. This instruction is on par and keeps pace with the same instruction in Czech. All successful graduates are awarded the MD diploma.

In the course of studies, the instruction and examinations are conducted in the English language. Foreign students, however, are required to cope with Czech by the end of the 2<sup>nd</sup> year so that in their clinical practice they are able to communicate in Czech with patients as well as staff. There is one tuition fee for all English-speaking students, which is currently USD 10.000 per academic year.

## ***Students' Insurance***

Foreign students (English-speaking students including Slovak nationals) must arrange for their insurance in the country of their origin or effect insurance individually with any insurance company in the Czech Republic.

Those who are interested in such arrangement of insurance may ask for further details at General Insurance Company (Všeobecná pojišťovna): Praha 6, Vítězné nám.9, tel.24307246, or at <http://www.vzp.cz>. There are two conditions for effecting the insurance, i.e. long-term residence in the Czech Republic, and initial medical examination in Homolka Health Center. Monthly insurance depends on age and sex.

In the age group 18–29 years old, the monthly insurance installment is 1070,– Czech Crowns for men and 1330,– Czech Crowns for women.

## ***Prizes, Foundations, and Associations 3<sup>rd</sup> Faculty of Medicine, Charles University***

### **Margaret M. Bertrand Prize**

The award for the best student of the 3<sup>rd</sup> Medical Faculty, founded by Mrs. Margaret M. Bertrand in May 1991. Margaret M. Bertrand, a Canadian professor of English, bestowed the sum of \$ 1000 to support the best undergraduates at the Faculty. This endowment is increased by further contributions from teachers, friends and alumni of the Faculty. Every year the best 6<sup>th</sup> year student is awarded from the interest on this deposit. The amount of prize is commensurate to the amount of actual deposit.

### **Conditions for granting the award:**

- average grade throughout the studies at least 1.2
- extracurricular activities which contributed to the credit of the faculty

Students of the 6<sup>th</sup> year shall decide the order of candidates in a secret ballot. The final selection process shall take place during the session of the Academic senate of Science in May.

### **Members of the administrative board for the endowment:**

Margaret M. Bertrand  
Prof. MUDr. Cyril Höschl, DrSc.  
Prof. MUDr. Jiří Horák, CSc.  
Doc. MUDr. Hana Provazníková, CSc.  
Prof. MUDr. Richard Rokyta, DrSc.

Doc. MUDr. Bohuslav Svoboda, CSc.

### **Student of the 3<sup>rd</sup> Faculty of Medicine Foundation administers over Margaret M. Bertrand Prize**

#### **Prize Gerani**

In 1995 the company GERANI, assisting self-supporting foreign students, established a prize which is awarded to the best student of the 3<sup>rd</sup> Faculty of Medicine for the best research thesis. This prize is intended to cover the expenses for attendance at an international scientific conference (not exceeding 50.000 Czech Crowns).

#### **Conditions for awarding the prize:**

- participation in scientific work at an institute or clinic
- regular study without retaking an academic year
- paper at a conference

All students interested should apply at the Research and Development Division till the end of November each year. The Scientific Council shall arrange the order of applicants at its December session.

#### **Vesmír Prize**

The prize is awarded annually to two students from each year. The faculty shall arrange annual subscriptions of the magazine *Vesmír* for the selected students. The Academic Senate has the final word based upon the proposal of the student representatives in the Academic Senate.

#### **Conditions for awarding the prize:**

average grade for the previous academic year

- not worse than 1.8
- extracurricular participation in pedagogical, scientific, cultural and sport activities

#### **Prize of the Rector of Charles University**

- To the best graduate student
- Exceptional award

#### **Prize of the Josef Hlávka Foundation**

Students are updated on the conditions of this and other prizes in the weekly *Vita Nostra Servis*.

#### **Faculty Program of Students' Mobility**

Janssen–Cilag Company and Leciva provided an incentive and financial support for students' visits abroad. The rules to go by are available at the Study Division, 3<sup>rd</sup> Faculty of Medicine, International Relations Division as well as on the Faculty web pages.

#### **TRIMED – Students Civic Association**

The aim of TRIMED is to support activities of the students of the 3<sup>rd</sup> Faculty of Medicine and their interests abroad. A Computer Club within TRIMED enables students to access state-of-the-art computer equipment of the Faculty. TRIMED holds cultural, social, and sport events, takes part in organizing scientific conferences, etc. Its administrative center is located on the ground floor, room No. 124 C.

#### **Elected representatives, currently in office:**

##### **Jan Petráček**

Chairman, responsible for TRIMED, its financial and administrative affairs

##### **MUDr. Martin Votava**

responsible for science, and study activities

##### **Marek Janka**

responsible for cultural activities

##### **Miroslav Sinkule**

responsible for sport activities

##### **Pavel Kubů**

responsible for international relations

For further information see e-mail - [trimed@lf3.cuni.cz](mailto:trimed@lf3.cuni.cz)

or on www pages of the TRIMED (link from [www.lf3.cuni.cz](http://www.lf3.cuni.cz)).

#### ***Information Media 3<sup>rd</sup> Faculty of Medicine***

##### **VNS (Vita Nostra Service)**

Information newsletter of the 3<sup>rd</sup> Faculty of Medicine, Charles University

This newsletter comes out from September to June on a week basis. Available via computer or printed. Access from www pages of the 3<sup>rd</sup> Faculty of Medicine.

##### **Editor:**

Mgr. Marie Fleissigová, tel.: 67 102 105

e-mail: [Marie.Fleissigova@lf3.cuni.cz](mailto:Marie.Fleissigova@lf3.cuni.cz)

### **VNR (Vita Nostra Revue)**

A magazine with a fairly general focus shedding light on the systems of education and health in the Czech Republic comes out with new articles and reflects current political and social situation in these areas.

Published 4 times a year, for contents see www pages of the 3<sup>rd</sup> Faculty of Medicine.

#### **Editor:**

Mgr. Marie Fleissigová, tel.: 67 102 105

*e-mail: Marie.Fleissigova@lf3.cuni.cz*

### **www pages**

**www.lf3.cuni.cz**

Elaborate and straightforward, regularly updated important information on the 3<sup>rd</sup> Faculty of Medicine.

#### **WWW editors:**

MUDr. Miloslav Kopeček

*e-mail: Kopecek@pcp.lf3.cuni.cz*

MUDr. Martin Votava

*e-mail: Martin.Votava@lf3.cuni.cz*

## ***Sport at Charles University in Prague***

Sport is part and parcel of university life and helps not only in physical but also psychological development of students, naturally satisfying the basic human need for motion and competitiveness. At the same time, it promotes the general image of university as institution of education and cultivation of humanity. Likewise, Charles University and all its faculties and their representatives support sporting activities at the university.

Several years ago, the leadership of the University managed to acquire access to Waterworks in Prague–Hostivař (Vodní stavby Praha Hostivař). Students as well as all employees of the faculty have free access to the track and field arena, football stadium, softball and tennis court, a large hall with three basket or volleyball courts, a separate basket or volleyball court, tennis court, two gymnasiums for aerobics, one gymnastic hall, weightlifting gym as well as one of the most modern swimming pools in the country.

Summer courses and employees' recreation takes place in Dobronice university center (recreation center for all Prague medical faculties), at Albeř and in Střelecké Hoštice.

All these centers are very well equipped, up-to-date places with excellent conditions for all kinds of sport activities in nature. Patejdlovka cottage in Špindlerův Mlýn and VAK cottage in Pec pod Sněžkou are used in winter for skiing courses of Charles University students as well as for family recreation out of season.

This safe haven can be utilized by any student of the faculty or any of Charles University employees. Considering the high number of students at our school, however, overall conditions are still not entirely satisfactory, although they are much better than they used be only several years earlier.

As departments of physical education were needed at most universities or faculties, this gave rise to sports clubs and competitive teams. All sport clubs are headquartered in the Czech Association of University Sports, the organization which helps organize students' free-time activities, universities' competitions in several kinds of sport, and which also ensures academic representation of our school abroad.

## ***Medical Care***

Pertinent regulations put the student in the position of an employee, in which case the possibility of attending medical care of one's own choice is ruled out. The student may pay regular visits at his own GP, but for university purposes he or she must see the doctor or health center exclusively selected by the employer.

Obligatory preventive care performed by this institution consists of the entrance medical examination, preventive medical examination in the third year of studies, and concluding medical examination at the end of the studies

## ***Halls of Residence – Dormitories***

Accommodation is allotted upon submission of the application form 'Request for Accommodation in the University Dormitory'. Freshmen ought to fill in and dispatch the application form along with a photocopy of the official acceptance confirmation sheet on this address:

Univerzita Karlova  
Koleje a menzy  
116 43 Praha 1, Voršilská 1  
tel.: 2491 3692

There is no legal right for dormitory accommodation. Rooms are allotted according to hard-and-fast rules and criteria (e.g. commuting time, health incapacities), taking into account all students' abilities and needs. Price of accommodation corresponds to its quality.

This is a list of dormitories where students from Charles University are accommodated:

**Kolej Arnošta z Pardubic**

Praha 1, Voršilská 1, tel.: 2491 3692

**Kolej Jednota**

Praha 1, Opletalova 38, tel.: 2421 1773–4

**Kolej Petrská**

Praha 1, Petrská 3, tel.: 231 52 40

**Kolej Budeč**

Praha 2, Wenzigova 20, tel.: 6911973,  
6911295

**Kolej 17. listopadu**

Praha 8, Pátkova 3, tel.: 8551041–9,  
8556152

**Švehlova kolej**

Praha 3, Slavíkova 22, tel.: 6275034,  
6273712

**Kolej Hvězda**

Praha 6, Zvoníčková 5, tel.: 2039 1111

**Kolej Kajetánka I. a II.**

Praha 6, Radimova 12, tel.: 20513118–9;  
3167212, 3167165

**Kolej Mikoláše Alše**

Praha 7, Na Výšínách 2, tel.: 2057 0697

**Kolej Větrník**

Praha 6, Na Větrníku 1932, tel.: 2039 1111

**Kolej Hostivař**

Praha 10, Weilova 1128, tel.: 786 93 55

**Conjugal dormitory – for married couples  
with children:**

Kolej Hvězda

Praha 6, Zvoníčková 5, tel.: 2039 1111

**Foreign students dormitory:**

Kolej Komenského

Praha 6, Parlérova 6, tel.: 2051 6812

## **Refectories**

Students may use refectories three times a day.

### **List of Refectories**

ALBERTOV

Praha 2, Albertov 7

ARNOŠTA Z PARDUBIC

Praha 1, Voršilská 1

BUDEČ

Praha 2, Wenzigova 20

JEDNOTA

Praha 1, Opletalova 38

KAJETÁNKA

Praha 6, Radimova 6

ŠVEHLOVA

Praha 3, Slavíkova 22

PRÁVNICKÁ

Praha 1, Curieových 7

SPORT

Praha 6, J. Martího 31

VĚTRNÍK

Praha 6, K Větrníku 1

17. LISTOPADU

Praha 8, Pátkova 3

## **Center of Scientific Information (SVI)**

100 00 Praha 10, Ruská 87

tel.: 67 102 111, tel./fax: 67 102 519

www: <http://wsvi.lf3.cuni.cz>

web catalog:// [wsvi.lf3.cuni.cz](http://wsvi.lf3.cuni.cz)

e-mail: [svi@lf3.cuni.cz](mailto:svi@lf3.cuni.cz)

### **Head:**

PhDr. Martina Hábová, ext. 547

[Martina.Habova@lf3.cuni.cz](mailto:Martina.Habova@lf3.cuni.cz)

### **Assistant Head:**

Miroslava Plecítá, ext. 519

[Miroslava.Plecita@lf3.cuni.cz](mailto:Miroslava.Plecita@lf3.cuni.cz)

### **Experts:**

Ing. Antonín Dvořák, ext. 552

[Antonin.Dvorak@lf3.cuni.cz](mailto:Antonin.Dvorak@lf3.cuni.cz)

Mgr. Marie Fleissigová, ext. 105

[Marie.Fleissigova@lf3.cuni.cz](mailto:Marie.Fleissigova@lf3.cuni.cz)

Jana Chlanová, ext. 250

[Jana.Chlanova@lf3.cuni.cz](mailto:Jana.Chlanova@lf3.cuni.cz)

Věra Chobotová, ext. 106

[Vera.Chobotova@lf3.cuni.cz](mailto:Vera.Chobotova@lf3.cuni.cz)

– Library, Study Room

Oldřiška Jonáková, ext. 552

[Oldriska.Jonakova@lf3.cuni.cz](mailto:Oldriska.Jonakova@lf3.cuni.cz)

Vítězslav Kalous, ext. 589

– Xerox Studio

Ivana Konfrštová ext. 103

[Ivana.Konfrstova@lf3.cuni.cz](mailto:Ivana.Konfrstova@lf3.cuni.cz)

– Library, Study Room

Vladimír Musil, ext. 532

[Vladimir.Musil@lf3.cuni.cz](mailto:Vladimir.Musil@lf3.cuni.cz)

## MAIN ACTIVITIES AND SERVICES OF SVI

- procurement and processing of data from all kinds of local as well as foreign information for the central library as well as depositories
- in-house and long-term book-loans
- interlibrary loan service and international interlibrary loan service
- processing of running and retrospective background researches
- processing of publishing activities of the staff of the 3<sup>rd</sup> Faculty of Medicine
- electronic production of slides, scanning
- bibliography-information services
- reprographic services
- edition activity (VNS, VNR, www pages)
- education of computer science

## RULES FOR BORROWING INFORMATION MATERIALS IN THE ACADEMIC YEAR 1999/2000

Before borrowing new study material for the coming academic year, the students are obliged to:

- Return all study material undamaged, and meet all solicited claims.
- Present a credit book with a corroboration of regular enrolment for the coming academic year.
- Present a barcode ID card of the 3<sup>rd</sup> Faculty of Medicine for a checkout.
- Register or extend user's rights.
- Clear the user's fee 100,- Crowns per one academic year.
- Certify your familiarity with and adherence to the Rules for Borrowing Information Materials by your signature.

**Users fee authorizes students to:**  
the access to the electronic catalogue of the library (OPAC)

- long-term borrowing of literature
- the entrance to the study-room of the SVI, in-house study of monographic literature and periodicals
- conferences to resolve strategies in the presented medical databases
- utilizing free computers in the study room of the SVI

## Library Loan Regulations

The inventories of the SVI are property of the faculty and each user is obliged to protect them.

- 1) Each user is obliged to get acquainted with the Library Loan Regulations and with the current price-lists of the services of the SVI
- 2) All students and employees of the 3<sup>rd</sup> Faculty of Medicine as well as other medical staff registered with AKS T-series can become regular users of the SVI.
- 3) Valid registration authorizes the user to utilize the services of SVI which are limited by the user's category.
- 4) Information documents can be borrowed only after presenting the bar-code ID of a student of the 3<sup>rd</sup> Faculty of Medicine or a valid reader's card with a bar-code. The card cannot be transferred and its user is responsible for its abuse even if lost and he or she has failed to notify the library.
- 5) Information documents are lent for a given period of time depending on the category of the reader and the classification of the document. When this period of time has elapsed, the loan has to be returned. The loans of videotapes are subject to special regulations posted in room 104.
- 6) The loan may be extended on demand. When requesting the loan extension it is requisite that the documents in question be presented. Whether the extension is granted depends on the actual possibilities of the inventory, classification of the document, and requirements of other students.
- 7) No advance booking of documents is provided by the SVI, 3<sup>rd</sup> Faculty of Medicine, Charles University.
- 8) Before granting a loan the librarian has to take the bar-code which is a part of every document. The reader does not have to confirm the loan by his or her signature.
- 9) The reader/user is obliged to return the loan in the state in which it was checked out. Compensation shall be asked for all possible damages, see No. 12.

- 10) Services of the free-access study room of the SVI are subject to the special regulations posted on its door.
- 11) At interruption or cessation of study or employment the reader/user is obliged to return all loans of the SVI, including the bar-code reader's card. In case of any loss or misappropriation of the loan (documents borrowed from the SVI) or the bar-code reader's card or the ID card of the 3<sup>rd</sup> Faculty of Medicine, the library has to be notified immediately.
- 12) When the borrowed document has been damaged or lost the reader/user is obliged to replace it by:
  - a) the current edition (or the same issue) + pay off the manipulation fee according to the actual price-list.
  - b) another issue + pay off the manipulation fee according to the actual price-list.
  - c) another title in the same price + pay off the manipulation fee according to the actual price-list.
- 13) In case of the student's bar-code ID card (or his reader's card) being lost or misappropriated the reader/user is obliged to pay off the substitution fee according to the actual price-list.
- 14) In case of any change of address, name, etc. the library has to be notified immediately. Otherwise all subsequent expenditures on finding out such information shall be charged to the reader/user.
- 15) All users are obliged to abide by the Library Loan Regulations of the SVI, the instructions of the SVI staff and observe the opening hours.

## Assortment of Public and Other Specialized Libraries in the Czech Republic:

### **A list of libraries in the Czech Republic:**

<http://www.knihovna.cz>

### **Addresses of university libraries in the Czech Republic:**

<http://platan.vc.cvut.cz>

**Národní knihovna ČR** – 110 01 Praha 1, Klementinum 190, tel.: 2166 3111, <http://www.nkp.cz>

### **Národní lékařská knihovna**

121 31 Praha 2, Sokolská 54, tel.: 2426 6870, <http://www.nlk.anet.cz>

**Knihovna AV ČR** – Praha 1, Národní 3, tel.: 2422 0384, <http://bibis.lib.cas.cz:8080>

**Státní technická knihovna** – Praha 1, Mariánské nám. 5, tel.: 2166 3111, <http://www.stk.cz>

### **Státní pedagogická knihovna**

**Komenského** – Praha 1, Mikulandská 5, tel.: 291084, <http://www.uiv.cz/spkk>

### **Městská knihovna**

Praha 1, Mariánské nám. 1, tel.: 2211 3111, <http://www.mlp.cz>

### **Ústav vědeckých informací 1. LF**

Praha 2, Kateřinská 32, tel.: 296 151 220, <http://www.lf1.cuni.cz/uvi/vitejte.html>

### **Ústav vědeckých informací 2. LF**

Praha 5, V úvalu 84, tel.: 2443 5840, <http://www.lf2.cuni.cz/svi/svi.htm>

### **Lékařská knihovna**

500 01 Hradec Králové, Dlouhá 94–95, tel.: 049/581 6524, <http://www.lfhk.cuni.cz/praco/750/qsdalp.htm>

### **Středisko vědeckých informací**

301 66 Plzeň, Lidická 1, tel.: 019/557 244, <http://www.lfp.cuni.cz/dept/library/index.html>

### **Knihovna spolku mediků českých**

Praha 2, Faustův dům, Karlovo náměstí 40, tel.: 2496 3421

### **Středisko vědeckých informací SZÚ**

Praha 10, Šrobárova 48 tel.: 6731 1430 <http://www.szu.cz>



# RECOMMENDED BOOKS (CYCLE I AND CYCLE II)

## (CURRICULUM IN ENGLISH)

Actually recommended study texts and literature will be further specified by each professor in the first week of instruction. This list of literature should serve only to provide the students with general guidelines.

### MODULE IA – STRUCTURE AND FUNCTION OF HUMAN BODY

#### Basic textbooks:

#### ANATOMY

**Atlas of human anatomy/** Frank H. Netter. – 2<sup>nd</sup> ed. – East Hanover, N.J.: Novartis, cop. 1997. ISBN 0914168819, ISBN 0914168800

**Atlas of human anatomy. 2.vol./** Sobotta, J. Baltimore, Urban and Schwarzenberg 1990

**Color atlas and textbook of human anatomy: in 3 volumes. Vol. 1, Locomotor system/** Werner Platzer. – 4<sup>th</sup> ed., rev. a. enl. – Stuttgart: Georg Thieme, 1992. ISBN 0865774234 (TMP, New York) ISBN 3135333043 (GTV, Stuttgart)

**Color atlas and textbook of human anatomy: in 3 volumes. Vol. 2, Internal organs/** Helmut Leonhardt. – 4<sup>th</sup> ed., rev. a. enl. – Stuttgart: Georg Thieme, 1993. ISBN 0865774846 (Thieme Inc., New York) ISBN 313533404X (GTV, Stuttgart)

**Color atlas and textbook of human anatomy: in 3 volumes. Vol. 3, Nervous system and sensory organs/** Werner Kahler. – 4<sup>th</sup> ed., rev. a. enl. – Stuttgart: Georg Thieme, 1993. ISBN 0865774757 (Thieme Inc., New York) ISBN 3135335046 (GTV, Stuttgart)

**Gray's anatomy/** edited by Peter L. Williams ... [et al.]; Henry Gray. – 37<sup>th</sup> ed. – Edinburgh: Churchill Livingstone, 1989. ISBN 0443025886

**Neuroanatomy: text and atlas/** John H. Martin. – 2<sup>nd</sup> ed. – Stamford, Conn.: Appleton & Lange, cop. 1996. ISBN 0838566944

**Topographical dissection. 3, Extremities/** Josef Stingl. – 1<sup>st</sup> ed. – Prague: Karolinum, 1997. ISBN 8071845310

#### HISTOLOGY AND EMBRYOLOGY

**Basic histology/** L. Carlos Junqueira, José Carneiro, Robert O. Kelley. – 7<sup>th</sup> ed. – London:

Prentice–Hall International, cop. 1992. ISBN 0838505791

**The developing human: clinically oriented embryology/** Keith L. Moore, T.V.N. Persaud. – 5<sup>th</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1993. ISBN 072164662X

**Langman's medical embryology/** T.W. Sadler. – 6<sup>th</sup> ed. – Baltimore: Williams & Wilkins, cop. 1990. ISBN 0683074938

#### BIOCHEMISTRY, BIOLOGY, IMMUNOLOGY, GENETICS

**Harper's biochemistry/** Robert K. Murray ... [et al.]. – 24<sup>th</sup> ed. – Stamford, Conn.: Appleton & Lange, cop. 1996. ISBN 0838536115

**Lippincott's illustrated reviews – Biochemistry/** series editors Richard A. Harvey, Pamela C. Champe. – Philadelphia: Lippincott–Raven, 1994

**Textbook of biochemistry: with clinical correlations/** edited by Thomas M. Devlin. – 4<sup>th</sup> ed. – New York: Wiley–Liss, cop. 1997. ISBN 0471154512

**Essential cell biology: an introduction to the molecular biology of the cell/** Bruce Alberts ... [et al.]. – 1<sup>st</sup> ed. – New York: Garland Publ., cop. 1998. ISBN 0815329717

**Molecular biology of the cell/** Bruce Alberts ... [et al.]. – 3<sup>rd</sup> ed. – New York: Garland Publ., cop. 1994. ISBN 0815316194

**Principles of genetics/** Eldon John Gardner, Michael J. Simmons, D. Peter Snustad. – 8<sup>th</sup> ed. – New York: Wiley, cop. 1991. ISBN 0471504874

**Essential Immunology.** /Roith, I. – Oxford, Blackwell Sci.Publ. 1994

#### PHYSIOLOGY

**Memorix fyziologie/** Robert F. Schmidt. – 1<sup>st</sup> ed. – Praha: Scientia Medica, 1993. ISBN 8085526182, ISBN 3527154795

**Practical courses on physiology/** Klára Bernášková. ... [et al. – Prague: 3. lékařská

fakulta Univerzity Karlovy, 1994. ISBN 8085121387

**Textbook of medical physiology/** Arthur C. Guyton, John E. Hall. – 9<sup>th</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1996. ISBN 0721659446, ISBN 0721667732 (Intern. ed.)

### **Complementary and facultative textbooks:**

**Atlas of topographical anatomy/** W. Platzer. – Stuttgart: Georg Thieme Verlag, 1985.

**Clinically oriented anatomy/** K.L. Moore. – 3<sup>rd</sup> ed. – Baltimore: Williams & Wilkins, 1992. ISBN 0683061364

**Histology/** J. Sobotta, F. Hammersen. – Baltimore: Urban a Schwarzenber, 1985. ISBN 0806717424

**Wheater's functional histology: a text and colour atlas/** H. George Burkitt, Barbara Young, John W. Heath; drawings by Philip J. Deakin. – 3<sup>rd</sup> ed. – Edinburgh: Churchill Livingstone, 1993. ISBN 0443046913

**Molecular cell biology/** Harvey Lodish ... [et al.]. – 3<sup>rd</sup> ed. – New York: Scientific American Books, cop. 1995. ISBN 0716723808

**Molecular cell biology. 3.0/** Harvey Lodish ... [et al.]. – New York: W.H. Freeman, cop. 1996. – 1 CD-ROM

**Human physiology/** Robert F. Schmidt, G. Thews. – Berlin: Springer Verlag, 1993.

**Physiology/** R.M. Berne, M.N. Levy. – 4<sup>th</sup> ed. – Mosby-Year Book, 1998. ISBN 0815109520

**110 fólií k výuce biologie a somatologie/** A. Schäffler, S. Schmidt, G. Raichle. – Praha: Scientia Medica, 1996.

## **MODULE IB – CELL BIOLOGY AND GENETICS**

### **Basic textbooks:**

#### **BIOCHEMISTRY**

**Harper's biochemistry/** Robert K. Murray ... [et al.]. – 24<sup>th</sup> ed. – Stamford, Conn.: Appleton & Lange, cop. 1996. ISBN 0838536115

**Lippincott's illustrated reviews – Biochemistry/** series editors Richard A. Harvey, Pamela C. Champe. – Philadelphia: Lippincott-Raven, 1994

**Textbook of biochemistry: with clinical correlations/** edited by Thomas M. Devlin. – 4<sup>th</sup> ed. – New York: Wiley-Liss, cop. 1997. ISBN 0471154512

#### **HISTOLOGY AND EMBRYOLOGY**

**Basic histology/** L. Carlos Junqueira, José Carneiro, Robert O. Kelley. – 7<sup>th</sup> ed. – London: Prentice-Hall International, cop. 1992. ISBN 0838505791

**Langman's medical embryology/** T.W. Sadler. – 6<sup>th</sup> ed. – Baltimore: Williams & Wilkins, cop. 1990. ISBN 0683074938

**The developing human: clinically oriented embryology/** Keith L. Moore, T.V.N. Persaud. – 5<sup>th</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1993. ISBN 072164662X

#### **BIOLOGY, GENETICS, IMMUNOLOGY**

**Essential cell biology: an introduction to the molecular biology of the cell/** Bruce Alberts ... [et al.]. – 1<sup>st</sup> ed. – New York: Garland Publ., cop. 1998. ISBN 0815329717

**Molecular biology of the cell/** Bruce Alberts ... [et al.]. – 3<sup>rd</sup> ed. – New York: Garland Publ., cop. 1994. ISBN 0815316194

**Principles of genetics/** Eldon John Gardner, Michael J. Simmons, D. Peter Snustad. – 8<sup>th</sup> ed. – New York: Wiley, cop. 1991. ISBN 0471504874

**Essential Immunology.** /Roith, I. – Oxford, Blackwell Sci.Publ. 1994

### **Complementary and facultative textbooks:**

**Histology/** J. Sobotta, F. Hammersen. – Baltimore: Urban a Schwarzenber, 1985. ISBN 0806717424

**Wheater's functional histology: a text and colour atlas/** H. George Burkitt, Barbara Young, John W. Heath; drawings by Philip J. Deakin. – 3<sup>rd</sup> ed. – Edinburgh: Churchill Livingstone, 1993. ISBN 0443046913

**Molecular cell biology/** Harvey Lodish ... [et al.]. – 3<sup>rd</sup> ed. – New York: Scientific American Books, cop. 1995. ISBN 0716723808

**Molecular cell biology. 3.0/** Harvey Lodish ... [et al.]. – New York: W.H. Freeman, cop. 1996. – 1 CD-ROM

**Human physiology/** Robert F. Schmidt, G. Thews. – Berlin: Springer Verlag, 1993.

**Physiology/** R.M. Berne, M.N. Levy. – 4<sup>th</sup> ed. – Mosby–Year Book, 1998. ISBN 0815109520

**110 fólií k výuce biologie a somatologie/** A. Schäffler, S. Schmidt, G. Raichle. – Praha: Scientia Medica, 1996.

**Genetics in clinical medicine/** J. Seashore. – Stamford, Conn.: Appleton & Lange, 1995.

**Genetics in medicine/** Thompson & Thompson. – 4<sup>th</sup> ed. – [S.l.]: W.B. Saunders Co., 1986. ISBN 0721688543

**Molecular genetics for the clinician/** D.J.H. Brock. – 1<sup>st</sup> ed. – Cambridge: Cambridge University Press, cop. 1993. ISBN 0521423252

## MODULE IC – BIOPHYSICS AND INFORMATICS

### Basic textbooks:

**Foundations of behavioral research/** Fred N. Kerlinger. – 3<sup>rd</sup> ed. – Fort Worth: Harcourt Brace College Publ., cop. 1986, cop. renewed 1992. ISBN 0030417619

**Ecobiophysics/** V. Slouka. – Prague: 1996.

**Practical exercises in biophysics/** V. Slouka. – 3<sup>rd</sup> Faculty of Medicine, 1997.

**Fundamentals of nuclear medicine/** editors Naomi P. Alazraki, Fred S. Mishkin. – 2<sup>nd</sup> ed. – New York: Society of Nuclear Medicine, 1988. ISBN 0932004296

**Radiology and imaging for medical students/** David Sutton. – 6<sup>th</sup> ed. – Edinburgh: Churchill Livingstone, 1994. ISBN 0443048835

## MODULE ID – NEEDS OF THE PATIENT

### Basic textbooks:

Communication skills in practice: a practical guide for health professionals./Williams, D. – London, Kingsley Publ. 1997. ISSN: 1–85302–232–2

**History of classic philosophy/** P. Bělíček. – Praha: Bělíček, 1994.

**Health psychology: biopsychosocial interactions/** Edward P. Sarafino. – 2<sup>nd</sup> ed. – New York: Wiley, 1994. ISBN 0471585491

**Psychology in action/** Karen Huffman, Mark Vernoy, Judith Vernoy. – 3<sup>rd</sup> ed. – New York: Wiley, cop. 1994. ISBN 0471305618

## COURSE IN LATIN MEDICAL TERMINOLOGY

### Basic textbooks:

An introduction to Greco–Latin medical terminology/ D. Svobodová. – 2<sup>nd</sup> ed. – Praha: Karolinum, 1997. ISBN 8071843415

## COURSE IN THE CZECH LANGUAGE

### Basic textbooks:

**Czech for beginners/** Dana Kyseláková, Ludmila Pavlíková, Anděla Kobylková and others – 2<sup>nd</sup> ed. – Brno: Masarykova univerzita, 1997. ISBN 8021016485

**Czech for medical students: a manual/** Iveta Čermáková. – Prague: Psychiatrické centrum Praha, 1995. ISBN 8085121638

### Complementary and facultative textbooks:

**Map of Czech Grammar/** S. Soják, C. Guilds. – Dubicko: INFOA, 1995.

## MODULE IIA – THEORETICAL FOUNDATIONS OF CLINICAL MEDICINE

### Basic textbooks:

**Basic pathology/** Vinay Kumar, Ramzi S. Cotran, Stanley L. Robbins. – 6<sup>th</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1997. ISBN 0721651224

**Medical microbiology/** Cedric A. Mims ... [et al.]. – London: Mosby–Year Book Europe, 1993. ISBN 0397446314

**Basic & clinical pharmacology/** edited by Bertram G. Katzung. – 7<sup>th</sup> ed. – Stamford, Conn.: Appleton & Lange, cop. 1998. ISBN 0838505651

**Lippincott's illustrated reviews pharmacology/** series editors Richard A. Harvey, Pamela C. Champe. – Philadelphia: Lippincott–Raven, 1997.

**Pharmacology/** H.P. Rang, M.M. Dale, J.M. Ritter. – 3<sup>rd</sup> ed. – Edinburgh: Churchill Livingstone, 1995. ISBN 0443050473

### **Complementary and facultative textbooks:**

**Robbin's pathologic basis of disease/** Ramzi S. Cotran, Vinay Kumar, Stanley L. Robbins. – 5<sup>th</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1994. ISBN 0721650325

**Goodman & Gilman's the pharmacological basis of therapeutics/** editors-in-chief Joel G. Hardman, Lee E. Limbird. – 9<sup>th</sup> ed. – New York: McGraw–Hill, Health Professions Division, cop. 1996. ISBN 0070262667, ISBN 0071133488

**Medical pharmacology at a glance/** Michael J. Neal. – 3<sup>rd</sup> ed. – Oxford: Blackwell Science, 1997. ISBN 0865427194 (brož.) ISBN 0632048166

**British national formulary/** British Medical Association and Royal Pharmaceutical Society of Great Britain. – London: British Medical Association, 1998. – (British national formulary; Number 36 (October 1998)) ISBN 085369415X

## **MODULE IIB – INTRODUCTION TO CLINICAL MEDICINE**

### **Basic textbooks:**

**Physical examination in internal medicine/** Ladislav Chrobák, Thomas Gral, Jiří Kvasnička and coworkers. – 1<sup>st</sup> english ed. – Praha: Grada Publ., 1997. ISBN 8071693448

**Basics in general surgery/** M. Tvrdek et al. – Praha: 3. LF UK, 1994. ISBN 8085121506

**Topical diagnosis in neurology: anatomy, physiology, signs, symptoms/** Peter Duus. – 3<sup>rd</sup>, rev. ed. – Stuttgart: Georg Thieme, 1998. ISBN 3136128036 ISBN 086577711X

**Kaplan and Sadock's synopsis of psychiatry/** Benjamin J. Sadock, Harold I. Kaplan. – 8<sup>th</sup> ed. – Baltimore: Williams & Wilkins, 1998. ISBN 0683303309

**Health psychology: biopsychosocial interactions/** Edward P. Sarafino. – 3<sup>rd</sup> ed. – New York: Wiley, cop. 1998. ISBN 047116917X

**Nelson essentials of pediatrics/** edited by Richard E. Behrman, Robert M. Kliegman. – 2<sup>nd</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1994. ISBN 0721637752

**Ophthalmology: a primer for medical students and practitioners/** Calbert I. Phillips, Charles V. Clark, Shigeo Tsukahara. – London: Baillière Tindall, cop. 1994. ISBN 0702016098

**ENT diseases/** Becker, Naumann, Pfalz. – 2<sup>nd</sup> ed. – New York: Thime Medical Publisher, 1994. ISBN 3036712021

**Obstetrics by ten teachers/** edited by Geoffrey Chamberlain. – 16<sup>th</sup> ed. – London: Arnold, 1997, cop. 1995. ISBN 0340700882 (brož.) ISBN 0340573139

## **MODULE IIC – PRINCIPLES OF CLINICAL MEDICINE**

### **Basic textbooks:**

**Textbook of pain/** edited by Patrick D. Wall, Ronald Melzack. – 3<sup>rd</sup> ed. – Edinburgh: Churchill Livingstone, 1994. ISBN 044304757X

**Textbook of medical physiology/** Arthur C. Guyton. – 8<sup>th</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1991. ISBN 0721630871

**Basic & clinical pharmacology/** edited by Bertram G. Katzung. – 5<sup>th</sup> ed. – London: Prentice–Hall International, cop. 1992. ISBN 0838505643

**Clinical pharmacology/** D.R. Laurence, P.N. Bennett. – 7<sup>th</sup> ed., reprint. – Edinburgh: Churchill Livingstone, 1992. ISBN 0443043884

**Oxford textbook of clinical pharmacology and drug therapy/** D.G. Grahame–Smith and J.K. Aronson. – 2<sup>nd</sup> ed. – Oxford: Oxford University Press, 1992. ISBN 0192616765, ISBN 0192616757

**Pharmacology/** H.P. Rang ... [et al.]. – New York: Churchill Livingstone, 1995. ISBN 0443075603

**Handbook of dialysis/** edited by John T. Daugirdas, Todd S. Ing. – 2<sup>nd</sup> ed. – Boston: Little, Brown, cop. 1994. ISBN 0316173835

**Harison's principles of internal medicine.** – 14<sup>th</sup> ed. – New York: McGraw–Hill, 1997. ISBN 0070202915

**Lecture notes on dermatovenereology/** František Záruba. – 1<sup>st</sup> ed. – Praha: Státní pedagogické nakladatelství, 1990. ISBN 8070663154

**Principles of dermatology/** Donald P. Lookingbill, James G. Marks, Jr. – 2<sup>nd</sup> ed. – Philadelphia: W.B. Saunders Co., 1993. ISBN 072164290X

**Practical fracture treatment/** Ronald McRae. – 3<sup>rd</sup> ed. – Edinburgh: Churchill Livingstone, 1998. ISBN 0443048096

**Outline of orthopaedics/** John Crawford Adams, David L. Hamblen. – 12<sup>th</sup> ed. – Edinburgh: Churchill Livingstone, 1995. ISBN 0443051496

**Textbook of disorders and injuries of the musculoskeletal system: an introduction to orthopaedics, fractures, and joint injuries, rheumatology, metabolic bone disease, and rehabilitation/** Robert Bruce Salter. – 3<sup>rd</sup> ed. – Baltimore: Williams & Wilkins, 1999. ISBN 0683074997

**Principles of neurology/** Raymond D. Adams, Maurice Victor, Allan H. Ropper. – 6<sup>th</sup> ed. –

New York: McGraw–Hill, Health Professions Division, cop. 1997. ISBN 0070674396

### **Complementary and facultative textbooks:**

**Journals:** Pain  
European Journal of Pain

**Gynaecology by ten teachers/** edited by Geoffrey Chamberlain. – 16<sup>th</sup> ed. – London: Arnold, 1997, cop. 1995. ISBN 034057315–5, ISBN 034070083–1

## **COURSE IN THE CZECH LANGUAGE – COMMUNICATION WITH PATIENTS**

### **Basic textbooks:**

**Czech for medical students: a manual/** Iveta Čermáková. – Prague: Psychiatrické centrum Praha, 1995. ISBN 8085121638



# **STUDY PLANS**





## Calendar for the 1999/2000 Academic Year

First day of the Academic Year

September 27, 1999

Winter semester:

1<sup>st</sup> – 12<sup>th</sup> study week: 27.9. – 18.12.1999

Christmas Holidays: 20.12. 1999 – 2.1.2000

13<sup>th</sup> – 15<sup>th</sup> study week: 3.1. – 22.1.2000

Examination period: 24.1. – 12.2.2000

Summer semester

1<sup>st</sup> – 15<sup>th</sup> study week: 14.2. – 27.5.2000

Examination period: 29.5. – 30.6.2000

End of the Academic Year:

August 31, 2000

### CALENDAR OF STUDY

Week	Winter semester	Summer semester
1	27.9 – 2.10.	14.2. – 19.2.
2	4.10 – 9.10.	21.2. – 26.2.
3	11.10 – 16.10.	28.2. – 4.3.
4	18.10 – 23.10.	6.3. – 11.3.
5	25.10. – 30.10.	13.3. – 18.3.
6	1.11. – 6.11.	20.3. – 25.3.
7	8.11. – 13.11.	27.3. – 1.4.
8	15.11. – 20.11.	3.4. – 8.4.
9	22.11. – 27.11.	10.4. – 15.4.
10	29.11. – 4.12.	17.4. – 22.4.
11	6.12. – 11.12.	24.4. – 29.4.
12	13.12. – 18.12.	1.5. – 6.5.
13	3.1. – 8.1	8.5. – 13.5.
14	10.1. – 15.1.	15.5. – 20.5.
15	17.1. – 22.1.	22.5. – 27.5.

Graduation ceremony for all subject majors shall take place on July 11<sup>th</sup> 2000 in Karolinum

### **Study Division**

PhDr. Vladislava Kůželová, tel.: 67 102 205; tel./fax: 72730776, room number 205

Hana Vlčková, tel.: 67 102 208, room number 208

Ludmila Zamrazilová, tel.: 67 102 208, room number 208

Karla Budková, tel.: 67 102 208, room number 208

Ing. Zdeňka Lásková, tel.: 67 102 206, room number 206 – English speaking students

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Note: Post-graduate students' agenda is available at the Research and Development Division.

Blanka Alinčová – tel.: 67 102 230, room number 230

# GENERAL MEDICINE WITH PREVENTIVE FOCUS

*(6-year full-time academic program leading to an MD Degree)*

## CYCLE I. – BASIC BIOMEDICAL SCIENCES

### YEAR I.

Module / Courses Lecturer	Semester – hours (total number)			
	Winter		Summer	
	lectures	pract./sem.	lectures	pract./sem.
<b>Module IA</b>				
<b>STRUCTURE AND FUNCTIONS OF HUMAN BODY</b> <i>Prof. MUDr. Richard Rokyta, DrSc.</i>	<b>31</b>	<b>100</b>	<b>63</b>	<b>105</b>
Courses				
Bones & muscles tissue <i>Prof. MUDr. J. Stingl, CSc.</i>	31	100	–	–
Blood, Breathing & body liquids <i>Doc. MUDr. P. Čechák, CSc.</i>	–	–	22	41
Urogenital system + ABR <i>Prof. MUDr. R. Jelínek, DrSc.</i>	–	–	19	30
Metabolism, energy production and storage <i>Prof. MUDr. R. Rokyta, DrSc.</i>	–	–	22	34
<b>Module IB</b>				
<b>CELL BIOLOGY AND GENETICS</b> <i>Prof. MUDr. Richard Jelínek, DrSc.</i>	<b>76</b>	<b>116</b>	<b>44</b>	<b>77 E</b>
Courses				
Chemical constitution and metabolism of the cells <i>Doc. RNDr. E. Samcová, CSc.</i>	44	45	–	–
Cell and molecular biology <i>RNDr. P. Hozák, CSc.</i>	14	26	16	32
Structure of cells and tissues, general embryology <i>Prof. MUDr. R. Jelínek, DrSc.</i>	18	33	–	–
General biology and genetics <i>Doc. RNDr. I. Bárta, CSc.</i>	–	12	28	45
<b>Module IC</b>				
<b>BIOPHYSICS AND INFORMATICS</b> <i>Doc. MUDr. Jozef Rosina</i>	–	<b>24</b>	–	<b>29</b>
Courses				
Medical biophysics <i>Doc. MUDr. J. Rosina</i>	–	24	–	6
Nuclear medicine <i>MUDr. O. Lang</i>	–	–	–	8
Radiology <i>Doc. MUDr. J. Šprindrich, CSc.</i>	–	–	–	10
Sources of scientific information <i>PhDr. M. Hábová</i>	–	–	–	5
<b>Module ID</b>				
<b>NEEDS OF THE PATIENT</b> <i>Doc. MUDr. Jiří Šimek, CSc.</i>	<b>15</b>	<b>45</b>	<b>15</b>	<b>45</b>

Courses				
Patients' Needs <i>PhDr. R. Drozdová</i>	–	30	–	–
First Aid <i>Doc. MUDr. J. Pacht, CSc.</i>	15	15	–	–
Communication <i>Mgr. M. Trčková</i>	–	–	–	30
Basic Humanities (Philosophy, Sociology) <i>PhDr. V. Špalek</i>	–	–	15	15
Courses				
Medical terminology – Latin <i>Doc. PhDr. J. Přívratská, CSc.</i>	–	30 E	–	–
Czech language <i>Doc. PhDr. J. Přívratská, CSc.</i>	–	30	–	30
Physical training <i>PaedDr. B. Hněvkovský, B. Příhoda, CSc.</i>	–	30	–	30
Optional course: Winter training course <i>PaedDr. B. Hněvkovský, B. Příhoda, CSc.</i>	8 days		–	
Optional course: Summer training course <i>PaedDr. B. Hněvkovský, B. Příhoda, CSc.</i>	–		8 days	

## YEAR II.

Module / Courses Lecturer	Semester – hours (total number)			
	Winter		Summer	
	lectures	pract./sem.	lectures	pract./sem.
Module IA				
<b>STRUCTURE AND FUNCTION OF HUMAN BODY</b> <i>Prof. MUDr. Richard Rokyta, DrSc.</i>	<b>60</b>	<b>71</b>	<b>40</b>	<b>136 E</b>
Courses				
Homeostasis and endocrine regulation <i>Doc. MUDr. Petr Čechák, CSc.</i>	46	48	–	–
Central nervous system <i>Prof. MUDr. R. Rokyta, DrSc.</i>	14	23	–	–
Locomotion system and motor function <i>Prof. MUDr. J. Stíngl, CSc.</i>	–	–	4	51
Senses <i>Prof. MUDr. R. Rokyta, DrSc.</i>	–	–	36	85
Module IC				
<b>METHODOLOGICAL BASIS OF MEDICINE</b> <i>Prof. MUDr. Richard Rokyta, DrSc.</i>	<b>–</b>	<b>50 E</b>	<b>–</b>	<b>–</b>
Courses				
Medical biophysics <i>Doc. MUDr. J. Rosina</i>	–	6	–	–
Techniques in nuclear medicine <i>MUDr. O. Lang</i>	–	8	–	–
Psychological examination methods <i>Doc. PhDr. J. Kožený, CSc.</i>	–	6	–	–
Functional examination methods <i>MUDr. T. Paul</i>	–	8	–	–

Imaging techniques Doc. <i>MUDr. J. Šprindrich, CSc.</i>	–	10	–	–
Epidemiological methods <i>Prof. MUDr. K. Provazník, CSc.</i>	–	8	–	–
Sport and exercise medicine <i>MUDr. V. Štich</i>	–	4	–	–
<b>Module ID</b>				
<b>NEEDS OF THE PATIENT</b> Doc. <i>MUDr. Jiří Šimek, CSc.</i>	<b>15</b>	<b>45</b>	<b>15</b>	<b>45 E</b>
Courses				
Basic Humanities (Psychology) <i>PhDr. V. Špalek, Doc. PhDr. J. Kožený, CSc.</i>	15	15	15	15
Basic of Nursing Doc. <i>MUDr. L. Kužela, CSc.</i>	–	30	–	30
<b>Courses</b>				
Physical training <i>PaedDr. B. Hněvkovský, B. Příhoda, CSc.</i>	–	30	–	30
Czech Language Doc. <i>PhDr. J. Přivratská, CSc.</i>	–	60	–	60 E

## CYCLE II. – PRINCIPLES OF CLINICAL MEDICINE

### YEAR III.

Module / Courses Lecturer	Semester – hours (total number)			
	Winter		Summer	
	lectures	pract./sem.	lectures	pract./sem.
<b>Module IIA</b>				
<b>THEORETICAL FOUNDATIONS OF CLINICAL MEDICINE</b> Doc. <i>MUDr. Vlasta Rychterová, CSc.</i>	<b>142</b>	<b>196 E</b>	–	–
Courses				
General pathology, pathological physiology Doc. <i>MUDr. V. Rychterová, CSc.</i>	90	105	–	–
Microbiology Doc. <i>MUDr. M. Bednář, CSc.</i>	30	45	–	–
Psychopathology of Personality Doc. <i>PhDr. K. Balcar, CSc.</i>	–	16	–	–
Risk Assessment <i>Prof. MUDr. M. Cikrt, DrSc.</i>	6	9	–	–
General pharmacology <i>Prof. MUDr. M. Kršiak, DrSc.</i>	16	21	–	–
<b>Module IIB</b>				
<b>CLINICAL PROPEDEUTICS</b> <i>Prof. MUDr. Pavel Gregor, DrSc.</i>	–	<b>72</b>	–	<b>170 E</b>
Courses				
Internal medicine <i>Prof. MUDr. P. Gregor, DrSc.</i>	–	72	–	–
Surgery Doc. <i>MUDr. J. Hrivnáková, DrSc.</i>	–	–	–	35

Neurology Doc. <i>MUDr. V. Kellerová, DrSc.</i>	–	–	–	27
Dermatovenerology Doc. <i>MUDr. P. Arenberger, DrSc.</i>	–	–	–	11
ENT <i>MUDr. A. Gebauerová</i>	–	–	–	17
Ophthalmology <i>MUDr. J. Hornová, CSc.</i>	–	–	–	10
Gynecology <i>MUDr. H. Kašpárková</i>	–	–	–	27
Psychiatry and Psychology <i>Prof. MUDr. C. Höschl, DrSc.</i>	–	–	–	16
Pediatrics <i>MUDr. L. Hejčmanová</i>	–	–	–	27

Module / Courses Lecturer	Semester – hours (total number)							
	Winter				Summer			
	pract./ sem.	+sem. & train. in farm.	+sem. & train. in pathol.	+lectur. of pathol.	pract./ sem.	+sem. & train. in farm.	+sem. & train. in pathol.	+lectur. of pathol.

Module IIC								
Basic Clinical Problems <i>Prof. MUDr. Jiří Horák, CSc.</i>	–	–	–	–	258	24	16	16
Courses								
Fever Doc. <i>MUDr. M. Bednář, CSc.</i> <i>MUDr. J. Beneš, CSc.</i>	–	–	–	–	80	10	–	–
Pain <i>RNDr. A. Yamamotová, CSc.</i>	–	–	–	–	22	8	–	–
Edemas <i>MUDr. M. Horáčková, CSc.</i>	–	–	–	–	27	3	–	–
Bleeding Doc. <i>MUDr. M. Kment, CSc.</i>	–	–	–	–	25	1	4	4
Cutaneous Changes <i>Prof. MUDr. L. Malina, DrSc.</i>	–	–	–	–	25	1	2	2
Endocrine & Metabolic Diseases <i>MUDr. P. Kraml</i>	–	–	–	–	55	1	4	4
Locomotion Disorders Doc. <i>MUDr. J. Bartoníček,</i> <i>DrSc.</i>	–	–	–	–	24	–	6	6

Module / Courses Lecturer	Semester – hours (total number)			
	Winter		Summer	
	lectures	pract./sem.	lectures	pract./sem.

Module IID				
<b>COMPULSORY OPTIONAL COURSES</b> <i>Doc. MUDr. Hana Provazníková, CSc.</i>		<b>60 hours</b>		
<b>Courses</b>				
Czech language – Communication with Patients Doc. <i>PhDr. J. Přívratská, CSc.</i>	–	30	–	15 E
Physical training <i>PaedDr. B. Hněvkovský, B. Příhoda, CSc.</i>	–	30	–	30

## YEAR IV.

Module / Courses Lecturer	Semester – hours (total number)							
	Winter				Summer			
	pract./ sem.	+sem. & train. in farm.	+sem. & train. in pathol.	+lectur. of pathol.	pract./ sem.	+sem. & train. in farm.	+sem. & train. in pathol.	+lectur. of pathol.
<b>Module IIC</b>								
<b>BASIC CLINICAL PROBLEMS</b> <i>Prof. MUDr. Jiří Horák, CSc.</i>	<b>246</b>	<b>38</b>	<b>26</b>	<b>26</b>	<b>490 E</b>	<b>24 E</b>	<b>23</b>	<b>22 E</b>
Courses								
Disturbances of the Nervous System <i>Doc. MUDr. P. Kalvach, CSc.</i>	30	8	8	8	–	–	–	–
Mental Disorders <i>MUDr. J. Horáček</i>	40	10	–	–	40	10	–	–
Dyspnoe & Chest Pain <i>Prof. MUDr. P. Widimský, DrSc.</i>	90	10	12	12	–	–	–	–
GIT and abdominal complaints <i>Prof. MUDr. J. Horák, CSc.</i>	86	10	14	14	–	–	–	–
Tumors <i>MUDr. M. Ambruš</i>	–	–	–	–	40	3	12	12
Sensoric Disorders <i>Doc. MUDr. A. Hahn, CSc.</i> <i>MUDr. D. Baráková, CSc.</i>	–	–	–	–	58	2	–	–
Failure of Vital Functions <i>Doc. MUDr. J. Pachtl, CSc.</i>	–	–	–	–	88	2	–	–
Trauma <i>Doc. MUDr. F. Vyhnánek, CSc.</i>	–	–	–	–	88	2	–	–
Disorders of Reproduction & Development <i>Doc. MUDr. B. Svoboda, CSc.</i>	–	–	–	–	60	2	10	10
Postnatal Disorders of Growth & Development <i>Doc. MUDr. J. Lebl, CSc.</i>	–	–	–	–	60	–	–	–
Aging & Dying <i>Doc. MUDr. J. Šimek, CSc.</i>	–	–	–	–	56	3	1	–

Module / Courses Lecturer	Semester – hours (total number)			
	Winter		Summer	
	lectures	pract./sem.	lectures	pract./sem.
<b>Module IID</b>				
<b>COMPULSORY OPTIONAL COURSES</b> <i>Doc. MUDr. Hana Provazníková, CSc.</i>	<b>90</b>			
<b>Courses</b>				
Summer Supervised Practice in Hospital <i>MUDr. J. Patočková</i>	14 days Internal Medicine 14 days Surgery			

## YEAR V.

Subject	Lecturer	Semester hours per week	
		Winter	Summer
		lectur./ pract.	lectur./ pract.
Surgery	doc. J. Bartoníček	1/2	1/2
Internal Medicine	prof. M. Anděl prof. J. Horák	1/3	1/3 E
Preventive Medicine *)	prof. K. Provazník	0/2	0/3 SE
Epidemiology	doc. B. Kříž	0/2	0/2 E
Ophthalmology	prof. P. Kuchynka	–	1/2 E
Otorhinolaryngology	doc. A. Hahn	1/2 E	–
Forensic Medicine	prof. J. Štefan	1/2 E	–
Infection & Geographic Med.	MUDr. J. Beneš	1/2	1/2 E
Pediatrics	doc. J. Lebl	1/2	2/2
Gynecology & Obstetrics	doc. B. Svoboda	1/2	2/2
Psychiatry	prof. C. Höschl	1/2 E	–
Clinical Pharmacology & Toxicology	prof. M. Kršiak	–	1/1
Emergency Medicine	doc. J. Pachel	1/1 E	–
Physical training (optional)	PaedDr. B. Hněvkovský B. Příhoda	0/2	0/2
Summer Practice In doctor's office of General Practitioners	doc. M. Kneidlová	–	3 weeks

\*) Diploma work – defence is a part of the State Examination of Preventive Medicine.

Practice (seminars) in each subject and subjects not concluded by examination are completed with a credit.

Notes: **E** = Examination

**SE** = Final State Examination

## YEAR VI.

Subject	Lecturer	Semester	
		Winter	Summer
		lectur./ pract.	lectur./ pract.
Internal Medicine	prof. M. Anděl prof. J. Horák	11 weeks SE	
Surgery	doc. J. Fanta doc. J. Bartoníček MUDr. L. Brož doc. M. Tvrdek	8 weeks SE	
Gynecology & obstetrics	doc. B. Svoboda	4 weeks SE	
Pediatrics	doc. J. Lebl	5 weeks SE	

Individual clinics and departments shall determine where the practice will take place.

Note: **SE** = a part of Final State Examination

Clinical Anatomy conferences in the summer semester of the 6<sup>th</sup> year shall take place for all students at the same time.

## OPTIONAL COURSES – 1999/2000 – English Curriculum

Num. of EC	Name of the Optional Course (EC) Supervisor	Max. number of students	Day in week	Hours per semester
<b>WINTER SEMESTER</b>				
<b>List of the Optional courses for 3<sup>rd</sup> year</b>				
5945	DNA diagnostics of human and extra-human genomes – a practical approach, <i>Dr. Žďárský</i>	8	Tue	15
5946	Basic course of radiological interpretation – <i>doc. Neuwirth</i>	20	Thu	15
<b>List of the Optional courses for 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> year</b>				
5947	Genotoxicology – <i>doc. Bárta</i>	3	Thu	30
5948	Microscopy in Biomedicine – <i>prof. Raška</i> (repeated in summer semester) 9 <sup>th</sup> – 15 <sup>th</sup> week	8	Tue	15
5949	English Formal Writing – <i>doc. Přívratská</i> (repeated in summer semester) 1 <sup>st</sup> – 8 <sup>th</sup> week	15	Fri	15
<b>List of the Optional courses for 3<sup>rd</sup> and 4<sup>th</sup> year</b>				
5950	Developmental Toxicology and Teratology – <i>prof. Jelínek</i>	6	Tue	30
<b>List of the Optional courses for 4<sup>th</sup> and 5<sup>th</sup> year</b>				
7951	Urgent procedures in burn medicine – <i>prof. Königová</i> (repeated in summer semester)	6	Thu	30

<b>SUMMER SEMESTER</b>				
<b>List of the Optional courses for 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> year</b>				
6952	Microscopy in Biomedicine – <i>prof. Raška</i> (repetition) 9 <sup>th</sup> – 15 <sup>th</sup> week	8	Tue	15
6953	English Formal Writing – <i>doc. Přívratská</i> (repetition) 1 <sup>st</sup> – 8 <sup>th</sup> week	15	Fri	15
6962	Cell and Molecular Biology in Medicine – <i>prof. Raška</i>	25	5 days	30
<b>List of the Optional courses for 4<sup>th</sup> year</b>				
8955	Gastrointestinal pathology <i>Dr. R. Willen</i>	20	Week end	15
8956	Dental Implantology – <i>Dr. Gojišová, Dr. Urban</i>	8	Thur	30
8957	Seminar in modern radiological imaging methods <i>doc. Šprindrich</i> 9 <sup>th</sup> – 15 <sup>th</sup> week	15	Tue	15
<b>List of the Optional courses for 4<sup>th</sup> and 5<sup>th</sup> year</b>				
8958	Urgent procedures in burn medicine – <i>prof. Königová</i> (repeated in summer semester)	6	Thu	30
8959	Bone and Soft Tissue Tumor Management. Swedish experience from Orthopaedic Tumor Center <i>Dr. H. Willen</i>	20	Week end	15
8960	Transcultural Psychiatry <i>Dr. Sartorius</i> 9 <sup>th</sup> – 15 <sup>th</sup> week	15	Fri	15

### Student Scientific Activity

Num. of SSA	Topics Supervisor	Max. number of students	Day in week	Hours per year
5961	Genotoxic risk of mycotoxins – <i>doc. Bárta</i>	2	Tue	60



**3<sup>rd</sup> FACULTY OF MEDICINE  
CHARLES UNIVERSITY IN PRAGUE**

**STUDY AND EXAMINATION REGULATIONS**

*The Academic Senate of the 3<sup>rd</sup> Faculty of Medicine,  
in accordance with article 27, section 1, letter b) and article 33, sec. 2, letter b) of Law no.  
111/1998 Coll. on Universities and on the Amendment and Augmentation of Other Laws  
(the Law on Universities),  
has approved the following Study and Examination Regulations of the 3<sup>rd</sup> Faculty of Medicine  
as official internal regulations for the faculty.*

**Part I  
Basic Provisions**

**Article 1**

**Introductory Provisions**

The rules of study at the university including the rights and obligations of students and the rules of procedure in the first instance and of review procedure in decision-making on the rights and obligations of students, are stipulated in the Law on Universities, the Statutes of Charles University in Prague (hereinafter simply "Higher Education Act ", and the Study and Examination Regulations of Charles University in Prague (hereinafter simply "University Study and Examination Regulations"). Further details relating to study at the faculty are stipulated in these Study and Examination Regulations of the 3<sup>rd</sup> Faculty of Medicine (hereinafter simply "Faculty Study and Examination Regulations")

**Article 2**

**University Education**

1. University education is obtained by studies carried out in the framework of accredited programs and in a prescribed form in accordance with an approved study plan. Teaching is provided by the professors, docents (associate professors), lecturers, and scientific staff of the faculty and by appropriate external experts from science and research institutions and professional practice. A guarantor, board of guarantors or subject board established in accordance with Article 23 of the Higher Education Act is

responsible for standards of training and assessment.

2. The faculty organizes Bachelor, Master's and Doctoral study programs.
3. The Bachelor Program: The standard period of studies is four years. The program takes the form of regular full-time and combined studies, and may involve shorter studies depending on the form of studies. Study is properly completed by a state final examination, part of which is defence of a Bachelor dissertation. Graduates are granted the academic title "Bachelor" (abbreviated to "Bc" in front of the name).
4. The Master's Program:
  - a) The Master's Program in medicine requires regular full-time studies. The standard period of study is six years. Study is properly completed by a state examination, taken in several parts. Graduates are granted the academic title "Doctor of Medicine" (abbreviated to "MUDr" in front of the name).
  - b) Other accredited Master's Programs may follow from previous Bachelor Programs or they may be independent. A standard period of study in follow-on programs is three years, and in independent programs five years. The program is conducted in the form of regular full-time study and also combined studies, and may involve a shorter period of study depending on the form of studies. Studies are concluded completed by a state final examination, part of which is defence of a degree dissertation. Graduates are granted the academic title "Magister" (abbreviated to "Mgr" in front of the name).

5. The Doctoral Program takes the form of either regular full-time studies or combined studies. The standard and at the same time the longest permissible period of regular full-time studies is three years, and the maximum period of studies is 8 years. Studies are properly completed by a state doctoral examination and the defence of a doctoral dissertation. Graduates are awarded the academic title "Doctor" (abbreviated to "PhD" after the name). Studies in the doctoral program are regulated by a separate internal set of regulations.
6. Each study program is given specific concrete form in a study plan. The study plan determines study obligations for each academic year of studies.
7. Regular Full-time Studies:  
In the study plan teaching is organized in the form of lectures, exercises, seminars, courses, practical work, laboratory practice, consultations, conferences and independent study, which take place in accordance with the regular teaching plan.
8. Combined Studies:  
In the study plan the teaching is organized in a form which uses the principles of both regular and distance studies with use of multimedia forms of instruction where appropriate.
9. Students in the program for foreigners held in a foreign language are obliged to pay a tuition fee in accordance with article 58, Paragraph 5 of the Law on Universities, Article 26, Sec. 4 and Article 33, Sec.1, Letter c) of the Higher Education Act and Article 1, Sec.3, and Article 2, Sec.5. Appendix 6 of the Higher Education Act.
10. Students of Charles University in Prague who are not registered at the 3<sup>rd</sup> Faculty of Medicine may attend all lectures without restriction. Attendance of other forms of instruction is subject to the agreement with the teacher. Such students may obtain formal certification or assessment only if they have the appropriate study obligation registered in their Study Credit Book and confirmed by the Study Department of the 3<sup>rd</sup> Faculty of Medicine.

## Article 3

### Organization of Study

1. An academic year lasts 12 calendar months. It is divided into winter semester, summer semester, and vacations. The dates of commencement of terms and vacations are set by the Rector of the University in accordance with Article 3, Sec. 1 and 2 of the University Study and Examinations Regulations.
2. The basic unit of studies is the academic year.
3. The scheduling of teaching and examination periods in the individual semesters for individual study programs is the responsibility of the Dean of the Faculty after consultation with the Rector of the University.
4. During summer vacation students undertake obligatory work practice that they must arrange for themselves, and also the physical education courses specified in the study plans for the individual years of study. On the basis of agreement with the appropriate teaching staff, students may fulfil sections of the study plan even during vacation periods. Examinations may take place during the Summer Vacation only on the basis of mutual agreement between teacher and student.

## Part II

### Bachelor and Master's Studies

#### Article 4

##### Admission to Studies

1. A candidate becomes a student of the university on the day of his/her registration for studies. From that day he/she has the right to attend all forms of teaching at the faculty within the framework of the registered study plan. As far as teaching outside the framework of the study plan is concerned, the provisions of Article 2, paragraph 10 apply.
2. Upon registration for studies, the student is issued with a Study Credit Book. Registration takes place on the date determined by the Dean of the Faculty.

3. The Faculty issues the student with a Student Identity Card.

## Article 5

### Course of Studies

1. Registration for each academic year is carried out within a period determined by the Dean. Notice of forthcoming registration dates is publically announced on the official noticeboard at least 2 months before the registration date. On registration for an academic year, the student is obliged to submit his/her Study Credit Book to show that he/she has fulfilled the prior relevant study obligations. A student who has fulfilled the study obligations registered in the Study Credit Book may register for the subsequent year. A further condition of registration may be fulfillment of other requirements arising from current regulations for healthcare workplaces; the Dean in his provisions announces these requirements. Further conditions of registration for students of the parallel study program in English are specified in the contract made between the Dean and the student.
2. Study obligations are to be understood as completion of the study plan as defined by the form of examination/allocation of credits used for the specific courses concerned (Article 6, Paragraph 1).<sup>1)</sup>
3. In his/her Study Credit Book, the student registers the compulsory part of the study plan for the individual year of studies, compulsory core and compulsory optional courses, and also non-compulsory courses if the student wishes to take them. Fulfillment of all registered study obligations is checked on registration for further years of study in accordance with Paragraph 1. Students of Charles University in Prague who are not registered at the 3<sup>rd</sup> Medical Faculty may make written application to the Dean of the Faculty for the registration of courses taken at the faculty. If the Dean approves their application, the study department will confirm the entry in their Study Credit Books.
4. A student may make written request for postponement of the date of registration, but always only for good reason (health, personal, unavoidable absence abroad etc.), and he or she must have fulfilled all the study obligations necessary for progression to the higher school year before the specified date of commencement of studies. The final registration deadline for a school year is ten working days after the commencement of teaching.
5. The names of students who have failed to register without offering excuse shall be announced on the official notice board as a summons to substitute registration. Notification of the date of substitute registration will be displayed on the official notice board at least 10 days before the date of substitute registration. If a student still fails to register after this summons, the situation will be regarded as a case falling under Article 13, Sec. 1, letter b). This provision will not, however, be applied if the student has failed to register for a good reason.
6. A student who has not fulfilled at least a maximum of two study obligations may make written application to the Dean for permission to repeat the academic year. If a student has not fulfilled more than two study obligations in a given year, or if he/she is not granted the permission to repeat the year mentioned in the first sentence, the situation will be regarded as a case falling under Article 13, Sec. 1, letter b).
7. The repetition of a year is permitted a maximum of twice over the whole course of studies, but the same year of studies may not be repeated twice. In a repeat year the student is obliged to fulfil, in full, the study obligations in the subjects which are the reason for repetition, and to take examinations in the subjects in which he/she previously received the grade "good".
8. If a student submits an application for transfer from one form of studies to another within the same Bachelor or Master's program, the Dean will accept the application so long as he/she sees no obstacles to the arrangement of teaching for the student in the requested form of studies. The application must be submitted at the earliest three months

before, and at the latest two months before, the end of the academic year.

One unit (year) of study must always be completed as one form of studies. This provision does not affect the provisions of Article 9.

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- 1) This includes all forms of credits and examinations/tests. e.g. credit from study subject, credit from module, credit from independent course, credit from compulsory optional course, credit from noncompulsory optional course, examination from module, examination from independent course and suchlike.

## Article 6

### Forms of Assessment of Studies

1. The forms of assessment of studies are continuous assessment, credit, examination, state final examination, state postgraduate examination, defence of dissertation and state doctoral examination.
2. Credits are awarded for fulfillment of the requirements specified for a given subject. If a credit and examination are prescribed by the study plan, then award of the credit is a condition for taking the examination. The conditions for award of a credit are determined by the Head of the Subject area at the start of teaching, who publicizes them in the usual manner. The award of a credit is entered in the Student's Study Credit Book by the teacher as "započteno" or "credit". Where a credit is not awarded anything is entered in the Study Credit Book.
3. The forms of examination may be written, oral, practical and combined. A combined examination is made up of at least two of these forms. In all forms of examination the student has a right to request more detailed information on his/her results.
4. The form of examination and basic requirements for the examination are stipulated by the Head of the Subject Area at the latest 10 weeks before the start of the examination period, and the dates of the examinations are announced at the latest 4 weeks before the start of the examination period.

5. The results of examinations, state final and state postgraduate examinations are classified by examiners, or examination committee, using the following grade scale:

výborně (excellent)	(1)
velmi dobře (very good)	(2)
dobře (good)	(3)
neprospěl/a (fail)	(4)

6. The result is entered in the Study Credit Book with date and signature by the examiner of examination committee. The result "neprospěl/a" [fail] is not entered in the Study Credit Book, but merely the date of the examination without signature. A student who obtains the grade "neprospěl/a" [fail] has not fulfilled the requirements for the studies.
7. A student may take an examination a maximum of three times, i.e. he/she has a right to two resit dates; a special resit (*article 68*, sec. 3, letter a) of the Law on Universities) is not permitted. In the doctoral study program a student may take an examination a maximum of twice, i.e. he/she has a right to only one resit.
8. The number of announced dates must correspond to the number of students, and the dates of examinations must be spread over the whole examination period. This provision does not establish any student right to the arrangement of a special date of examination.
9. Either by his/her own decision or on the request of a teacher or student, the Dean may determine that an examination take place before a committee nominated by himself/herself.

## Article 7

### The Individual Study Plan

1. On the basis of a written request from a student the Dean may permit the organization of studies according to an individual study plan (hereinafter "ISP"), which principally modifies the organization of the compulsory part of studies while maintaining the coherent order of study subjects. Permission of this kind is given only when the request is based on serious personal or health reasons, as a result of parallel studies at a university in the Czech Republic or abroad, to ex-

ceptionally talented students or to top sportsmen and sportswomen.

2. Studies based on an ISP are permitted by the Dean for the period of one academic year.
3. At the end of studies based on an ISP the Dean shall decide on the assignment of the student to the appropriate school year. If the student has not successfully completed the compulsory part of studies according to the ISP, the Dean may permit the repetition of the year on the basis of a written request from the student. In such a case the Dean will stipulate the study obligations that the student must fulfil for that academic year. If the student fails to fulfil these obligations, or if he/she is not granted permission to repeat the preceding academic year, the situation shall be regarded as a case falling under Article 13, Sec. 1, letter b).

## Article 8

### Interruption of Studies

1. Studies in the framework of the study program may be interrupted more than once.
2. The dean may interrupt student's studies, either upon the student's written request or on his/her own initiative if this is necessary to avert a threat to the interests of the student, provided that the origin of such a threat is not related to the issues of previous fulfillment of study obligations. Provided that a student applies for interruption of studies after he/she has demonstrated fulfillment of obligations in a given unit of studies and before registering for a further unit of studies, and provided that no disciplinary proceedings have been initiated against the student, the Dean will approve his/her request; this form of interruption of studies will be for a minimum of one academic year. The provisions of Paragraph 6 remain unaffected by this regulation.
3. On the date of interruption of his/her studies, the student loses the status of student as defined by the Law on Universities, and the periods previously set for fulfillment of his/her study obligations do not start to apply or continue to ap-

ply. After interruption of studies, the Dean will decide in case of need on the assignment of the student to the appropriate unit of studies. If during interruption of studies a change is made in the study plan applicable to the student concern, the Dean will specify which study obligations the student must fulfil and terms for their fulfillment in line with these regulations and the relevant study plan: in this connection, the Dean may also impose on the student the obligation to take bridging examinations within a certain time period.

4. When the period of interruption of studies expires, the former student has the right to re-register for studies. If the reasons for interruption of studies no longer apply, the Dean may terminate the interruption of studies acting on the written application of the former student concerned even before the expiry of the previously determined period of interruption of studies. If the former student does not re-register by the initial registration date set, the procedure is as described in Article 5, sec.5.
5. With the exception of cases where the reasons are particularly serious, and especially reasons of health, studies may be interrupted at the earliest after completion of the first academic year of study.
6. The longest permissible period of interruption of studies (*article 54, sec.1 of the Law on Universities*) is a period that together with the real period of studies does not exceed the maximum period of studies. The real period of studies is defined as the period that has elapsed from the date of registration at university minus the period of interrupted studies.
7. If a student on the Doctoral Studies Program requests permission for the interruption of studies, and provided that the student has not been the subject of disciplinary procedures in which the disciplinary committee has proposed the sanction of exclusion from studies, and the Dean has not by his decision imposed lesser sanctions or returned the matter to the committee, the Dean will agree to his/her request. Studies may be interrupted for a minimum period of one year. The longest possible overall

period of interruption of studies is 5 years.

## Article 9

### Maximum Period of Studies

1. The maximum period of studies in the Bachelor Studies Program is the standard period of studies in this program plus three years.
2. The maximum period of studies in the Master's Studies Program is the standard period of studies plus 5 years. The maximum period of studies in the Master's study program that follows on from the Bachelor Studies Program is the standard period of studies plus 3 years.
3. The maximum period of studies in the Doctoral Studies Program is the standard period of studies plus 5 years, but students taking the regular full-time form of these studies may study for a maximum of only three years (University Study and Examination Regulations, Article 9, Sec.1)
4. If a student has not completed regular studies within the maximum period of studies, the case is to be regarded as falling under the provisions of Article 13, Sec.1, letter b).

## Article 10

### Recognition of Study Obligations

On the basis of a written request from the student, the Dean may recognize fulfillment of study obligations in cases where a student has fulfilled comparable study obligations at a university in the Czech Republic or abroad in recent 10 years.

## Article 11

### State Final Examinations

1. The State Final Examination (hereinafter simply "State Examination" with the abbreviation designating part of the examination as well as the whole), takes place before an examination committee. The course and announcement of the results of a State Examination are public. A record is kept of the course of the State Examination which is signed by the Chairman or by another member of the committee who represents him and

by all members of the committee present. The number of members present may not be less than three.

2. The chairman and members of the committee are nominated and may be removed by the Dean with the agreement of the Faculty Research Committee. Members of the committee include experts nominated by the Ministry of Education, Youth and Physical Education of the Czech Republic.
3. The State Examination in Master's Program is composed of individual parts of the study program concerned. The State Examination in Bachelor Program consists of two parts: the first part is the defence of a Bachelor thesis.
4. State Examinations take place on dates stipulated by the Dean of the Faculty, consisting of one date for the regular examination and two further dates for resits. The dates are announced at least a month beforehand on the Official Faculty Notice Committee.
5. A student may apply to take a State Examination only after fulfillment of the appropriate study obligations stipulated by the study plan. The student will apply to take the State Examination at the secretariat of the center of clinic concerned, observing the announced deadline and using the appropriate internal form.
6. A student must take the State Examination within two years of the first day of the calendar month following the day on which he/she fulfilled all the preconditions required to take the State Examination. If the student does not take the State Examination within this period, the case is regarded as falling under Article 13, Sec. 1, Letter b). The day on which a student fulfilled all the required preconditions as stated in the first sentence is defined as the first set day of state examinations for which the student would be able to apply in accordance with Sec.5.
7. If a student is graded "neprospěl/a" [fail] even on the second of the two possible resits of State Examinations, the case is considered to fall under Article 13, sec.1, letter b).
8. Withdrawal from a State Examination once it has commenced for reasons of

immediate indisposition is possible only at a point before the student has been given the assigned examination questions. If a student withdraws after these questions have been communicated to him/her, the student is classified with the grade "neprospěl/a" [fail].

9. A student who passes a State Examination within the proper dates (three weeks before the date of a graduation ceremony) and fulfils all other potential requirements published in the Dean's provisions, will be included on the list of graduands for regular graduation on the date determined by the University Rector.
10. A student may apply for the first resit of a State Examination at the earliest four weeks after the date of the regular State Examination. A student may apply for the second resit of the State Examination at the earliest five months after the date of the first resit. Further resits of a State examination are not permitted.
11. A student graduates with distinction in cases where no sections of a State Examination were taken as resits or classified with the grade "dobře", where the resulting classification was "výborně" [excellent] and the average results throughout the course of study were the maximum 1.50
12. The final classification of a student's State Examination is determined by a committee made up of the chairmen or members of the committees for parts of the State Examination. The Committee is called by the Dean acting through the Study Department.<sup>2)</sup>
13. A State Examination cannot be taken by a student who is currently subject to disciplinary proceedings in which the disciplinary committee has proposed the sanction of exclusion from studies and where the Dean has not imposed a lighter sanction by his own decision or returned the matter to the committee, and the rector has not quashed the decision of the Dean.

## Part III

### Conclusion of Studies

#### Article 12

##### Proper Completion of Studies

1. Studies are properly concluded with completion of studies in the appropriate study program. The day of completion of studies is understood as the day on which the student successfully takes the State Final examination or State Postgraduate Examination or its final part.
2. Proper completion of studies and award of the appropriate academic title is certified by a university diploma indicating the study program or study discipline concerned, which is issued to graduates at the degree ceremony, and a certificate on the State Final Examination, State postgraduate Examination or State Doctoral Examination and defence of dissertation. If the graduate is not present at the degree ceremony, the university will convey the university diploma to him/her by a method determined by the Rector. On request a graduate can obtain a supplement to the diploma. The supplement to the diploma usually takes the form of a confirmation of the examinations passed and their classification.
3. Graduates of Bachelor Studies programs are awarded the title "Bachelor" (abbreviated to "Bc" in front of the name); graduates of Master's Study programs in the field of medicine are awarded the title "Doctor of Medicine" (abbreviated to "MUDr" in front of the name); graduates of Master's Study programs in fields other than medicine are awarded the academic title "magister" (abbreviated to "Mgr." before the name). Graduates of Doctoral Study programs are awarded the title "Doctor" (abbreviated to "PhD" after the name).

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2) The Study Department provides the materials for this decision.

## Article 13

### Other Forms of Termination of Study

1. Studies are also terminated as a result of
  - a) withdrawal from studies: the day of termination of studies is defined as the day when the student's written notice of withdrawal from studies is delivered to the Faculty.
  - b) failure to fulfil requirements arising from the study program as defined by these regulations; the day of termination of studies is understood as the day when the decision on termination of studies comes into force; cases as defined in the following articles are considered as failure to fulfil requirements:
    - i) Article 5, Sec. 5
    - ii) Article 5, Sec. 6
    - iii) Article 5, Sec. 7
    - iv) Article 7, Sec. 3
    - v) Article 9, Sec. 4
    - vi) Article 11, Sec. 6
    - vii) Article 11, Sec. 7
  - c) withdrawal of accreditation from a study program; the day of termination of studies is defined as the day of expiry of the time limit determined by decision of the Ministry.
  - d) expiry of accreditation of a study program; the day of termination of studies is defined as the day on which the university announces the cancellation of the study program.
  - e) exclusion from studies in accordance with disciplinary regulations; the day of termination of studies is defined as the day on which the decision on exclusion from studies comes into force.
2. Decision taken in accordance with article 1, letter b) and e) is issued after the fact in question has occurred.
3. A student who has terminated studies for reasons set out in Paragraph 1 may obtain from the Dean, on request, an official document on the study obligations that he/she has fulfilled, which also states how long the student has studied, and the fact that the student has not properly completed studies.

## Part IV

### Decision–Making on the Rights and Obligations of Students

#### Article 14

#### The Rights and Obligations of Students

1. The rights and obligations of students are regulated by the Law on Universities and the internal regulations of the University and Faculty.
2. The student is also obliged to maintain confidentiality about all facts relating to individual patients which he/she learns in connection with his/her studies.

#### Article 15

#### Decision–Making on the Rights and Obligations of Students

Decision–making on the rights and obligations of students is regulated by the Law on Universities and the University Study and Examination Regulations, disciplinary procedures by the Disciplinary Regulations for the Students of Charles University in Prague and the Disciplinary Regulations of the 3<sup>rd</sup> Faculty of Medicine, and decision–making on the question of allocation of scholarships by the Scholarship Regulations of Charles University in Prague and the Scholarship Regulations of the 3<sup>rd</sup> Faculty of Medicine.

## Part V

### Concluding Provisions

#### Article 16

#### Concluding Provisions

1. These regulations were approved by the Academic Senate of the Faculty on the 29<sup>th</sup> of June 1999 and acquire validity on the day that they are approved by the Academic Senate of the University.<sup>3)</sup>
2. These regulations come into effect on the day following the day on which they acquire validity.

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<sup>3)</sup> Article 9, Sec.1, Letter b) of the Law on Universities. The Academic Senate of the University approved these regulations on the 24<sup>th</sup> of September, 1999.



# **HISTORICAL NOTES**

CHARLES UNIVERSITY,

3<sup>rd</sup> FACULTY OF MEDICINE,

FACULTY HOSPITAL BULOVKA,

FACULTY HOSPITAL  
KRÁLOVSKÉ VINOHRADY,

STATE INSTITUTE OF HEALTH,

PSYCHIATRIC CENTER PRAGUE



## Charles University

<http://www.ruk.cuni.cz>

As early as at the end of the 13<sup>th</sup> century there seemed to be favorable conditions for expansion and fostering of education in the Kingdom of Czech Lands. Intellectual precocity of the Royal Court was a byword. The Czech Lands were famous for its Cathedral School and prominent schools of the Order. No wonder it was *Wenceslas II.* of the Přemyslids who came up with the idea of a university. The giant sails of his plan, however, were trimmed by the nobility. The idea lay dormant until the times of Charles IV., successor to the Přemyslids' throne, whose *alma mater* was the University of Sorbonne in Paris and who therefore was fully aware of the importance of university for the country as well as for its ruler.

To establish a university was no plain sailing in those times: subject to the internal conditions of the Kingdom, relations between the king and the nobility, present economic situation, and international bonds and associations. Moreover the name – *studium generale* – was a seal granted by the Papal Curia with the commitment of a best quality education. The universities in the Middle Ages concentrated knowledge as well as scholars, weaned and raised by diverse schools all round Europe. The degrees granted by these universities were recognized in the entire Christian world and the universities grew into potent cultural and social institutions.

Already authorized and accredited by the Pope, the Founding Charter was issued by Charles IV. (by then officially appointed Czech king) on the 7<sup>th</sup> April 1348. It is essential that we emphasize this was the first university in Central Europe, hence it played an important part in propagating the roots of education in this area. The Charter was issued by *Charles IV.* 'of His own accord'. In effect this meant taking on one's shoulders all the responsibilities of smooth running of the new institution. The original reads: '*... The famous universitie was also founded so as to aide our faithful habitants of our Kingdom in their infinite desire for the fruits of science, bar them from humble and*

*demeaning conduct in foreign lands, and set the table for feast at home...*'. The Charter was arrogated by the Nazis in 1945 and has been unaccounted for since.

The Czech Church covered all running costs of the University. At first the University Chancellor and Prague Archbishop *Arnošt z Pardubic* took the University under his wings. By the means of various collections he bought first University movables together with a building in the Old Town of Prague. When a university college, *the Carolinum*, was set up on the 30<sup>th</sup> July 1366, the foundation of the University was completed. The fact that it has been the seat of the University rectorate until today points to the momentousness of the act of establishing the *Carolinum*.

In 1370 Charles IV. bought a legacy of 114 manuscripts left by *Vilém z Lestkova* at his death which greatly enriched the inventory of the library.

At the end of the 14<sup>th</sup> and beginning of the 15<sup>th</sup> century when the Czech Reformation saw the light of day Prague schooling enjoyed privilege equal to the corresponding institutions in Bologne (founded 1119) and Paris (founded 1253). It included all the faculties recognized in the Middle Ages: the Faculty of Arts, Law, Theology, and Medicine. Initially, lectures used to take place in professors' flats, only later did they move to a building in Kaprova street.

At that time many doctors from the milieu of the royal family practiced there – the first Professor of Medicine *being M. Valter* (1348), succeeded by *M. Baltazar de Tuscia* (1353). Each doctor-to-be had to read the ancient Antique experts, Middle Age and Jewish files, and step by step ply their trade in towns or in the country under close observation of professors.

In the nineties of the 14<sup>th</sup> century the generation of prevailing Foreign masters was gradually substituted by their Czech counterparts who, by the way, went so far as to form their own concept of a critique of the Church as well as its entire decree so far. A

key role in the process of Czech Reformation and Hussites' Ideology in general was the University translation of the Bible into Czech. Diverse as the audience were the Bible affected the cultural level of the whole Czech society before Jan Hus.

In 1415, after the death at stake of the present Rector of Charles University Mister *Jan Hus*, prevailing recalcitrant and turbulent discussions had turned into a clear-cut viewpoint of the rising movement, with one outcome: the declaration that the sacrament of the Holy Eucharist should be administered in both kinds, this being the only means to redeem one's soul. Thus the University became the first institution in the Christian world to stand up for the Reformation and play off the current exegesis of Christianity put forward by official bodies – the Council and the Pope. Over all ecclesiastical prohibitions it carried on. The so-called 'Four Articles of Prague' (a program of the moderate middle current of the Hussite movement) were formulated here. Hence, the University indubitably sustained a substantial part of the Movement, although its influence tapered off as the left wing gained on prominence.

In particular, the University wielded an immense influence on the Czech culture before the Battle of the White Mountain (1620): many works of far-reaching importance were translated into Czech to later constitute a rich cultural heritage, a bedrock of the Renaissance of the Czech People.

However, the Battle of the White Mountain, silenced the Czech non-Catholic intelligence. Rector of the University *Jan Jessenius*, a well-known surgeon who carried out the very first Czech public autopsy (at the Old Town Square in Prague in 1600) was executed. Many more prominent Czech scholars were persecuted for their disapproval of the Hapsburgs and were driven out of the country. In the end, after more than thirty years of constant altercation over the dominance, the Jesuits appeared to have carried too many guns for everyone else and easily subjected the institution to their pecking order. There still were quite a few important professors among the staff of the Faculty of Medicine, e.g. *Jan Marcus Marci* from Kronlandu, Harvey's predecessor in Embryogenesis, who, with his inter-

pretation of Epileptogenesis, came three hundred years ahead of his time, and *Jakub Dobřenský* from Černý Most, one of the founders of pathological anatomy. After the White Mountain period the University was renamed Charles–Ferdinand University, the name which it could not shake off for almost three hundred years.

In the middle of the 18<sup>th</sup> century the University underwent major changes. Individual faculties achieved recognition especially in the field of Mathematics and Physics, Philosophy, and Medicine. The Faculty of Medicine expanded with natural disciplines, and took on important scholars, for instance the pioneer of electrophysiology and electric treatment Czech and world-wide, *Jan K. Boháč*, who introduced experimental methods into research, an expert in anatomy *Josef T. Klinkosch*, or the physiologist of world renown in the field of nerve transmission and Dean of the Faculty (1789) *Jiří Procháska*. As a result of Medicare reform introduced by Boerhave's pupil van Swietehe and realized by the government in Vienna in order to consolidate the state economy and the state of internal affairs, more and more workers in medicine found employment in practice, thus enabling rather a far-reaching quantitative expansion in the studies of Medicine.

In 1774 the University was deprived of the Church control and ranked among the institutions of the absolutist state. That is why rather liberal lectures and seminars were restricted and limited as far as their subject freedom and style of lecturing went (officially approved, standardized textbooks were introduced to facilitate the control over the curricula in the entire monarchy). There was another side to the coin, however, i.e. getting rid of anti-reformist world viewpoint and Scholastic residue.

1784 curriculum did away with Latin as an instruction language, introducing German instead. Foregoing subjects of the seven arts were shifted to secondary schools and the University focus rested solely on natural, technical, and social sciences.

The end of Enlightenment brought to the surface the struggle for language emancipation, which came to the forefront as a sign of rather more complex social prob-

lems. Repressions, which followed hunger strikes and student unrests and demonstrations, focused especially on the Faculty of Arts, saving the good name of the Faculty of Medicine which, by then, had had a considerable experience in practice and was well-known abroad.

A most prominent and central character of Czech science was Professor of Natural Sciences *Jan S. Presl*, the founder of Czech scientific terminology, and author of a Catalogue of Plants and a Catalogue of Minerals. One of the most distinguished anatomists of the 19<sup>th</sup> century *Josef Hyrtl*, dissector with an outstanding injection technique, made exemplary dissections and published an excellent textbook on anatomy (1846) in Prague. From a myriad of Enlightenment doctors we need to name at least *Jan T. Held*, who was the dean of the Faculty of Medicine (1818, 1819, 1824, 1825), rector of the University (1827) and musical composer.

It was mainly the students who dressed the soil for growing national movement, themselves being under a strong influence of unorthodox lectures given by *B. Bolzano*, who conceived religion as an ethical and educational problem. Step by step, naturalist pull was overshadowed by the drive of social sciences and modern languages and literature, from which stemmed a current of nation-liberating ideology. In 1848 the events reached its peak – the students formed, apart from many other associations, an armed Student Militia so that they could subsequently, during the uprising in June, lead the fights on barricades from the beleaguered *Klementinum*.

Repressions following the suppression of the uprising mangled education for a long time to come. A new curriculum was introduced, students' associations forced to dissolve, and many students as well as teachers were disciplined. Even the most famous Czech expert on natural sciences and professor of physiology at the Faculty of Medicine in Prague from 1849, *Jan Evangelista Purkyně* (1787–1869), was under police surveillance. His prominent pupil, Jan N. Čermák, the originator of rear rhinoscopy, left Prague to found Faculties of Physiology at several middle European universities. Also Prof. Ferdinand Arlt moved away just

before his milestone of a textbook on eye disorder and ailments came out.

The abrupt fall of Bach's absolutist regime in 1859 ignited Czech nationalist movement which came hand in hand with unshackled development of sciences. Students' associations were revived along with a number of magazines and chronicles, literary and musical parties, and the Universities ventured forth with Czech language as a language of instruction. Czech professors and associate professors, having taken their habilitations, went on to new clinics. At that time the office of the dean of the Faculty was administered for example by *Edwin Klebs* (1879–1880), the discoverer of the originating infection of diphtheria, typhoid, and other early infections (cf. the eponymous bacterial family), *August Breisky* (1880–1881), gynecologist and meticulous follower of Semmelweis' and Lister's teaching on aseptic, as well as *Karl Toldt* (1881–1882), author of a famous anatomical atlas and founder of the Department of Anatomy.

In 1882 the monarch endorsed the law which divided the Prague University in two parts: Czech and German.

*T. G. Masaryk* was an influential personality in the development of the Czech University: he became its first professor and his humanitarian and international philosophy wielded immense influence especially over young Czech intelligentsia. Czech textbooks and magazines took off, the famous twenty-seven part 'Otto's Encyclopaedia' was published, Czech schools of science emerged, e.g. Gebauer's Bohemistics, Goll's History, Strouhal's Physics. Let us list a few from a number of founders of the Prague School of Medicine: internists *Eiselt*, *Meixner*, *Thomayer*, *Ladislav Syl-laba*, and pathologist *Hlava*.

By the number of its students the Czech University soon three times surpassed the German University, partly also because there were enrolled plenty of students from other Slav nations. The German part of the University was significant for taking a lion's share in extending the system of education into the Middle Europe for generations to come, thus being influential not only for Bohemia and other regions but also for all German-speaking nations in Middle

Europe. To select out of all deans of the German Faculty of Medicine at least a few, we ought to mention a couple which will stay forever immortal – the physiologist *Ewald Hering* (1894–1895), and the pathologist *Hans Chiari* (1896–1897). As for other members of the administration in German departments, we should mention its rector *Ernst Mach* (1883–1884). In 1912–1913 *Albert Einstein*, the author of the Theory of Relativity, worked here.

In 1891 several events took place overall having an immense impact on further development of Czech education and culture: the Czech Academy of Sciences and Arts was founded, and a Convention of Progressive Slav Students was held in Prague. The Convention put forward and ratified an agenda which would deal with the plight of national and democratic rights as well as with social questions. At that time, demonstrations against conservative professors shifted from lecture rooms and auditoria in the street and fomented movements of the youth, which culminated in a violent anti-dynasty demonstration on the ruler's birthday on the 17<sup>th</sup> August 1893.

In the first two decades of the 20<sup>th</sup> century, the core of the University work and progress consisted especially in scientific research. We find many prominent Czech scientists and scholars practicing at the University in those years: Professor of Chemistry *B. Brauner*, naturalist *B. Němec*, Professor of Experimental Physics *B. Kučera*. Then there were already enrolled female students at the Prague University (to be exact, since 1897). In 1919 Charles-Ferdinand University was abolished and its Czech part underwent a transformation into Charles University again. An independent German university was founded, and lasted until 1945 when this discrepancy was terminated for good.

Every student of Medicine shall sooner or later encounter termini such as Hering's Channels, Epstein's Symptom, Zaufal's Sign, Weil-Felix's Reaction, Klausner's Test, Biedl's Syndrome, Chiari's Malformation, Kahler's or Pick's Disease, Schlofer's Tumour, Elschnig's Pearls, Breisky and Knaus' Method, Gussenbauer's Clipper, Hasner's Operation, Schauty, Steinchach's Operation, will possibly read about

Richard von Zeynek's diathermal treatment, etc. The above mentioned are names of professors of German Prague Faculty of Medicine, alma mater to a number of famous students: for instance Hans Hugo Selye, the originator of the Adaptation Syndrome Theory and Stress Reaction, graduated here, as well as Prague natives Gerta Theresa Radnitz and Carl Ferdinand Cori, later husband and wife, winners of the Nobel Prize for Medicine (1947) for their joint discoveries in the sphere of the metabolism of carbohydrates.

The University status changed with the establishment of independent Czechoslovak Republic in 1918. It became the first Czechoslovak university and its students took a significant part in creating the 'atmosphere' of the First Republic. Acrid debates and opinion clashes among the devotees of different movements followed only to be swallowed by the threat of German fascism and subsequently transformed into the resistance to Nazi terror. As to the public response among intelligentsia, it redoubled with the publication of literary and critical essays and lectures by *F. X. Šalda*, and works by controversial professor of music *Z. Nejedlý*. To quote from scientific work, we might mention studies by *Bedřich Hrozný*, who deciphered Chetite writing. Let us mention – from tens and tens of teachers and professors of the University whose esteem and reputation spread abroad – at least the linguist *Roman Jakobson* and historian *Josef Pekař*.

The importance of the Faculty rose again, the number of its clinics increased from fourteen to twenty, and many foreign students were enrolled. Among prominent professors of the Faculty of Medicine between the wars were for instance world-famous physiologist, pioneer in endocrinology, discoverer of Ferritin, author of the theory of stimuli, co-founder of cybernetics and inventor of spaciocardiography *Vilém Laufberger*, ambidextrous internist *Josef Pelnář*, founder of clinical neurology *Kamil Henner*, outstanding surgeon *Arnold Jirásek*, and founder of plastic surgery *František Burian*.

Fascist invasion to Czechoslovakia stirred students to participation in demonstrations on the 28<sup>th</sup> October 1939. When police tried to stomp down, a student, Jan Opletal, was

killed. His burial became yet another anti-fascist manifestation on 15<sup>th</sup> November 1939. Hitler's nomenclature used it as a pretext to brutally impinge on Czech universities and students. On the 17<sup>th</sup> November 1939 Prague dormitories were invaded and seized, 1200 Czech students taken to the concentration camp in Sachsenhausen, 9 students, leaders of the movement, were executed on the spot. Czech universities closed down, their buildings being freely available to SS troops, German universities, war industry, and for other purposes. The 17<sup>th</sup> November did not stay the only brutal revenge of the Nazis, nevertheless, it did remain a symbol of students' resistance against Fascism. In 1941 it was proclaimed International Students' Day in 1941.

In the war years Czech students and intelligentsia took part in various underground movements and organizations. 23 professors and other university teachers were executed – let us mention at least the professors of physics *František Závíšek* and *Václav Dolejšek*, zoologist *Jaroslav Štokán*, expert in Slav culture *Josef Páta*, sociologist *Josef Fischer*, and internists *Alexandr Gjurič* and *Miloš Nedvěd*. To Czech and Slovak nations the Charles University in Prague became a symbol of national culture, by the Nazis inexorably preordained to perish.

Post-war era bore the stamp of reconstruction of the national economy, which had been destroyed and devastated by war. Also the students did their best to aid the devastated economy and clarify political wings and opinions at the University. Increasing number of students showed their interest in university studies.

An outstanding biologist, doctor Jan Bělehrádek was the rector and subsequently pro-rector of the Charles University in 1945 and 1945–1946. After World War II, Josef Čančík became the first dean of the Faculty of Medicine in Prague, the first (vice-)deans of the new Faculties of Medicine at Charles University were Ivo Mačela (in Pílsen) and Bohuslav Bouček (in Hradec Králové).

In February 1948, however, all hopes for democracy and free and independent nation were crushed. The sixth birthday of the Charles University sarcastically began a

new era of dogma. Marx–Lenin ideology forced a number of professors and teachers out of work, their positions being easily filled by obsequious and obeisant comrades who were to guide the process of education in accordance with the Communist imagination. One of the first to get their marching orders was the current rector, important national economist, Prof. Karel Engliš. The Communist Board of Students marked off thousands of students for expulsion. A common curriculum was introduced once again, including the basics of Marx–Leninist ideology, the only officially approved philosophy. This ensured a sufficient supervision over the entire system of education and universities. Thousands of young people were denied access to regular studies. Dogmatism and rigid censure influenced people's thoughts in a very negative way as well as prevented the free development of education and co-operation with the western world. The cornerstone of social progress was political loyalty, while morality or specialization received a severe cutback in time.

The Higher Education Act of 1950 legally provided for socialist changes in this field, ridding the universities off all their academic liberties. As central planning and management of economy was introduced, a new Academy of Sciences structured in accordance with the Soviet model substituted the old Czech Academy of Science and Arts. 'Aspiratures' and science ranks of Doctor and Candidate of Sciences came in force. An extensive network of nomenclature and political 'cadres' checked upon the desired development.

In 1953 the original Faculty of Medicine underwent a transformation into three new faculties: the Faculty of General Medicine, the Faculty of Pediatrics, and the Faculty of Hygiene. The first deans of these faculties were respectively: František Blažek, Josef Houšťek, and František Bláha.

In spite of the fact that the official publishing, lecturing, scientific and research activities were grossly restricted, plenty of individuals as well as teams achieved remarkable results. Reluctance to realize the results of their work, disregarding the facts, distorting and intentionally misinterpreting new findings as well as detachment from

the international scientific milieu, nevertheless led to a gradual hampering in the process of development not only in the sphere of science but also in the area of education and overall cultural, economic and social life which were soon to lag far behind the western world.

In Vinohrady Hospital and at the Faculty of Hygiene there worked several prominent personalities at this time: the above mentioned Prof. František Burian, an outstanding surgeon Prof. Emerich Polák (Vice-Dean of the Faculty in 1957–1959), from among the internists we should not omit a great cardiologist and endocrinologist Prof. Vratislav Jonáš, and the founder of Czech diabetology and proponent of its good name abroad Prof. Jiří Syllaba. The State Institute of Health employed Prof. Karel Raška, who left no stone unturned to seal the doom of small-pox all round the world.

The events that took place in 1968, now inscribed to history as 'the Prague Spring', when the students also came in for their share, caused the invasion of Warsaw Pact armies into our country, with subsequent expurgations, repressions, and strengthening of the communist dictate. Students' demonstrations took place in the winter of 1968. Today we are left with the painful symbol of human desire for freedom – a student of the Faculty of Arts at Charles University, Jan Palach, burned himself as a protest against the invasion of Warsaw Pact armies into our country, as well as to object against all demagoguery, violence, and totalitarian suppression of freedom all over the world. However, the 'period of normalization' managed to hold in disgrace not only Palach, but any attempts to put forward the principles of democracy and freedom in the country. A similar destiny was doomed for Charter 77, a remarkable act of independent citizens. A series of charges and trials, hand in hand with further expurgations and spying, followed. The years on the turn of the 1970s and 1980s were amongst the darkest times of the communist era since August 1968.

In spite of all attempts on the part of the communist government, the ties that bind Czech nation with the best moral and cultural canon from T. G. Masaryk to Jan Patočka were preserved.

Great damage was inflicted on the Charles University, for the best specialists of outstanding moral and expert qualities were either forced to retire with no possibility to go on in their work or driven to exile right away.

Autumn 1989: the unbelievable did happen in the end. Independent organized movements from abroad and the bold courage of the students at home helped to bring about major changes and set our country on the road to democracy in a very short time. Prof. Radim Palouš, PhD was elected Rector of the Charles University at this time (free elections of deans and other members of the academic administration along with competitions for heads of individual departments, docents and lecturers took place at the faculties. The arrangement of the University stems from ages-proven tradition and is commensurate to the needs and requirements of individual faculties for autonomy as well as their co-operation and co-ordination. To remain open and open-minded to foreign countries means to come back to the free, developed modern world.

The Parliamentary elections in June 1992 evidenced the political tendency of the revolutionary November, excepting for a separate vote of the Slovak people which caused the federal country – Czechoslovakia – to fall apart). The Czech Republic was proclaimed on the 1<sup>st</sup> January 1993. Naturally, this country falls into line of independent Czech statehood from the first rulers of the Přemyslid dynasty where the Czechoslovak period forms no exception. The Charles University, the oldest university in middle Europe, belongs by dint of tradition as well as by the strong hand of its current potential among the most important cultural, scientific and educational institutions in our country.



## 3<sup>rd</sup> Faculty of Medicine, Charles University in Prague

<http://www.lf3.cuni.cz>

The activity of the 3<sup>rd</sup> Faculty of Medicine, Charles University, takes place predominantly in the Faculty Hospital *Královské Vinohrady* in Prague 10 and in the nearby complex of the State Institute of Health.

The 3<sup>rd</sup> Faculty of Medicine belongs to the tradition of the Charles University from the earliest times, for medicine was one of the four subjects taught ever since it was established in 1348. From academic year 1882/83, the Faculty of Medicine, just as the rest of the University, was divided into two parts – German and Czech. On November 17<sup>th</sup>, together with all other Czech schools, the Czech part of the University was closed. This temporary halt in Czech education lasted till 1945. Then, along with the whole of German University, the German Medical Faculty was abolished. Its property was handed over to the Czech Faculty of Medicine. In 1953 the Ministry of Higher Education divided the Prague Faculty of Medicine into three separate faculties: the Faculty of General Medicine (including stomatology), the Faculty of Pediatrics, and the Faculty of Hygiene (lékařská fakulta hygienická, LFH). The last mentioned one was transformed into the current 3<sup>rd</sup> Faculty of Medicine in 1990. The fact that a new independent Faculty of Hygiene was created in 1953 brought about some fundamental changes: this Faculty preserved a basic medical focus, although it specialized in the field of hygiene and prevention. On the one hand this specialization enabled to develop all branches of hygiene in our post-war medicine, but on the other it at the same time restricted and limited the scope of students' realization in clinical practice.

The decision to locate the new Faculty into the *Vinohrady Medical Complex* provided favorable conditions for a number of experts who would teach and practice here. Among others we should mention especially:

- Prof. MUDr. F. Burian, the founder of Czech plastic surgery

- Prof. MUDr. E. Polák, an outstanding surgeon
- Prof. MUDr. V. Jonáš, a famous cardiologist
- Prof. MUDr. J. Syllaba, the founder of Czechoslovak diabetology
- Prof. MUDr. J. Šebek, Chairman of the Department of Neurology
- Prof. MUDr. E. Knobloch, Chairman of the Department of Forensic Medicine
- Doc. MUDr. V. Petrář, Head of the Department of Psychiatry
- Prof. MUDr. J. Janků, Chairman of the Department of Ophthalmology

In spite of a rather formalistic and cadre-based instruction of the communist era, since after the 1989 Revolution we were able to carry out all substantial changes in the organization of the Faculty requisite for the realization of the new curriculum and study reforms. The name of the Faculty was changed to the 3<sup>rd</sup> Faculty of Medicine, Charles University, which underlined its general focus. The election of the dean took place, the Academic Senate was established along with the Scientific Council which enlists many outstanding foreign members. Prof. Cyril Höschl, MD, was elected dean of the Faculty in the first free elections after the revolution in 1989. There were competitions for all the positions of the heads of particular departments, clinics, and other university employees. Individual subjects (including a diverse network of preventive subjects) were integrated and ordered so as to make the overall schedule as close to the general focus of the Faculty as possible.

Plenty of employees from diverse sections of the Ministry of Health and the Academy of Sciences of the Czech Republic are involved in the pedagogic as well as research activities of the Faculty.

In September 1992 a new Faculty building at Ruská street was opened. One may find here, apart from the Dean's office, different theoretical departments, departments of hygiene and preventive subjects, and, last

but not least, the Center for Scientific Information, newly established in 1992.

Study visits abroad are becoming an Indelible part of instruction at the Faculty. Participation in international scientific and research programs and lectures by foreign specialists enable the Faculty to spread its wings and extend the right hand of mutually beneficial scientific fellowship. This enables to improve the quality of teaching material, to study new methods, procedures, and approaches, thus creating technical conditions indispensable for a higher level of education.

Many outstanding personalities habilitated from the 3<sup>rd</sup> Faculty of Medicine in the last three years, among the most prominent were: Prof. Zdeněk Neubauer in biology, Doc. Ivan M. Havel in artificial intelligence, and Prof. Luboslav Stárka in endocrinology. At the same time there were several dozens of lectures by well-known foreign specialists took place on the precincts of the Faculty. Let us mention at least the Nobel Prize winner in neurophysiology Prof. J. Eccles, famous specialist in psychiatry Prof. P. Grof, and daseinsanalytic Prof. Condrau. In accordance with the suggestion by the Scientific Council of the 3<sup>rd</sup> Faculty of Medicine, Sir Karl Raimund Popper (1902–1996), epistemologist, open society proponent, one of the greatest philosophers of the twentieth century, was paid homage by being awarded the honorable degree of *doctor honoris causa* of medicine. The 3<sup>rd</sup> Faculty of Medicine was a party in awarding a honorary doctorate to one of the discoverers of DNA, Nobel Prize winner, James Watson. Likewise, on the occasion and in the course of last year's celebrations of the 650<sup>th</sup> anniversary of the foundation of Charles University, we suggested that another Nobel Prize winner, world-wide known neurophysiologist, Professor Huxley from Great Britain, be also awarded a hon-

## ***Bulovka Faculty Hospital***

At the beginning of the twentieth century, Prague noted attempts at reorganization and modernization of general health care. Especially in the districts of Prague, where it was largely neglected, vital hospitals were being founded (Královské Vinohrady Hospi-

orary doctorate. It is a matter of habit that all habilitation lectures and foreign lecturers' addresses are videotaped and freely available at the office of the dean of the 3<sup>rd</sup> Faculty of Medicine.

The co-operation among individual departments of the University, in particular departments of medicine, is on the increase. The University supports healthy competition in sport activities among faculties, and students also take part in various social and cultural events not only in this country but abroad. The Faculty publishes VITA NOSTRA magazine, reflecting the academic life of the community and representing diverse sides of the Faculty in two functionally distinct issues: VITA NOSTRA REVUE, a quarterly which gathers articles, commentaries, and thoughts, and VITA NOSTRA SERVIS, an information bulletin which comes out on a week basis.

In the academic year 1991–92 the Faculty took on foreign students in General Medicine with the Focus on Prevention. The language of instruction is English. The rights and duties of foreign students are stipulated in the contracts signed between the student and the Dean of the Faculty.

In May 1991 Mrs. Margaret M. Bertrand, Canadian professor of the English language, founded a prize for the best student of the Faculty to be awarded annually at the graduation ceremony.

In the academic year 1992/93 the Faculty opened Bachelor studies in 'Physiotherapy' and 'Medical Science'. A year later a new branch called 'Public Medicare' was introduced.

Since 1996/97 academic year the Faculty has been running according to a new curriculum of Medicine. This curriculum reflects new demands on the doctors of the next millennium.

tal, Bulovka, Bohnice Psychiatric Center). on August 8<sup>th</sup> 1910, the City Council endorsed the project of a new modern hospital at Bulovka prepared by the city architect L. P. Procházka. Until 1896, there stood a small hospital at this place which operated

as an infection center from its geographic inclusion into the city of Prague in 1903. The building of the first part (architect F. Velich) was commenced in 1913 and it was completed when the war flared up. The most needed and essential (in particular at the times of war) was the infection unit which, along with the infection section of Vinohrady Hospital, contributed immensely to the protection of Prague from virulent epidemics brought to the city by the passing armies. Subsequently scheduled building was interrupted by the war.

The whole project by architect Procházka was not taken up again until October 1925. The first phase was finished in the summer of 1931. This stage is closely linked to the name of the internal medicine specialist, Professor Kristián Hynek. Since running requirements were at the top of the agenda, these also determined the building schedule, which included three major departments: Non-Infection (in the internal and surgical section connected by an underground underpass), Infection (in a separate pavilion for everyday purposes detached from the rest of the hospital), and T.B. Section (likewise situated in its own building). The whole building complex also involved three buildings accommodating the staff. Just as was the case in Vinohrady, full-time professors from the Medical Faculty became department heads. (R. Foit, MD, J. Skládál, MD, Prof. Jedlička, etc.)

The second half of the 1930s marked another enlargement of the hospital. New Radiological and Dermatovenereological sections were built, as well a second Infection pavilion, the construction of which was concluded in 1940. The magnanimous project

of Infection section, whose state-of-the-art concept may be attributed to Professor Jaroslav Procházka, gradually, after World War II, took under its wing the infection departments of all three Faculties.

In 1938, Bulovka berthed 1384 patients, running close to the largest hospital at Karlovo náměstí (1690) and leaving far behind Vinohrady Hospital Center with its 580 maximum.

During World War II, the hospital, like a number of other medical institutions, was taken over by the Germans. Professor Walter Dick headed the Surgery Department and, after an assassination attempt in a bent on a nearby road, operated, with his colleague J. A. Hohlbaum and experts invited over from Berlin, on Reich Protector Reinhard Heydrich.

Gynecology and Obstetrics, Surgery and nurses' residence were not finished until recent decades. In the 90s, moreover, Bulovka accommodated a modern Pathology Department with a separate Infective Dissection Room.

The status of 'Faculty' was ascribed to the hospital in the 1950s and it functions as a clinical safe haven not only for Prague medical faculties but also for the Institute of Post-Graduate Studies in Medicine. Currently, the 3<sup>rd</sup> Faculty of Medicine accommodates two most important departments in the Bulovka complex – the Department of Infectious Diseases, and the Department of Pneumology and Chest Surgery (founded on the bases of what was originally the Department of Pulmonary Diseases).

## ***Faculty Hospital Královské Vinohrady***

<http://www.fnkv.cz>

The hospital in Prague 10 Vinohrady was opened separately on the 15<sup>th</sup> May 1902. After the acquisition of the public law in 1905 its official name was 'General Public Hospital of the Emperor and King František Josef I. for the boroughs of Vinohrady and Žižkov'. The founding charter with the Emperor's signature – by the way the only

original signature in which the Emperor used his Czech name František – is still saved in the office of the director of the hospital. When opened, the hospital bedded 103, and later, when the department for infection diseases was built, 328 patients. The entire staff of the hospital at that time included: 2 senior consultants, 1 senior dis-

sector, 4 registrars, 2 external physicians, 12 nurses, 27 maids, 1 manager, 3 clerks, 1 receptionist, 1 engineer, 2 heating mechanics, 1 attendant to the surgeon and the dissector, 1 tailor, 1 bricklayer, 1 supervisor, and 3 workmen.

During World War I, the hospital fell into dire straits financially thanks to its perpetual overflow of patients. This led to its being handed over into public service. Re-named as 'General Public State Health Institution' it became the only state hospital in the Czech Republic, and thus, at the times of the First Republic, could undergo extensive building boom and achieve some indeed pioneer changes. As early as this there existed close ties with the Faculty of Medicine, especially as for the habilitation of professors and docents at the Faculty, and vice versa fresh graduates could apply themselves at hospital work during their first years of practice. Among the experts employed by the hospital then, there were for example: Prof. MUDr. Ivan Honl, who built the first therapeutic Pasteur Institution in our country, doc. MUDr. Ferdinand Tománek, the founder of the Department of Radium-Therapy, or Prof. MUDr. František Burian, who spread the fame of the Czech plastic surgery abroad in the mid-thirties. World-wide known surgeon Prof. MUDr.

## ***The State Institute of Health***

<http://www.szu.cz>

The State Institute of Health was financed by the Czech Republic and the International Rockefeller Foundation in New York. The institute was unveiled with jubilation in 1925. The founding charter was signed by president T. G. Masaryk.

According to the law No. 218 of the Code the Institution was to execute expert tasks for the State Department of Health, execute investigations necessary for the enforcement of compelling measures, as well as support the education in preventive medicine. Also, the Institution was to provide sera and inoculation liquids, control medication, and furnish bacteriology-diagnostic services. A Department of Hygiene was established within the Institution whose task was to carry out researches in the sphere of

Emerich Polák worked in the hospital too, along with the famous ophthalmologist Prof. Josef Janků (M. Jankumi), and the internists Prof. Jiří Syllaba and Prof. Vratislav Jonáš who took their jobs up only after the War.

The post-war era marks the start of pedagogical activity of Vinohrady Hospital. In 1952 it became a faculty hospital, making substantial contribution to the instruction at lately established Faculty of Hygiene.

Clinics and departments at the hospital take responsibility for providing highly specialized aid and treatment to patients who come in particular from the neighboring area: Vinohrady, Žižkov, and Vršovice. In many cases, however, the hospital departments take care of the patients from the whole country, e.g. the Department of Burns, or the Department of Plastic Surgery.

The Faculty Hospital *Královské Vinohrady* has at its disposal a number of state-of-the-art facilities and above all outstanding theoretical and practical experts. Personnel and organization changes should secure more effective and professional services. Many physicians employed by the hospital are actually involved in pedagogic activity.

the hygiene of nutrition, school, and community hygiene.

Step by step, after 1945 the complex was divided into separate institutions of the Ministry of Health, that became part and parcel of the teaching ground of the Faculty of Hygiene, Charles University. In 1971 all the institutions were united into one science-and-research establishment of the Ministry of Health in the fields of hygiene, epidemiology, and microbiology called the Institute of Hygiene and Epidemiology.

In January 1992 the Minister of Health M. Bojar set up the State Institute of Health again.

The State Institute of Health is a central institution with nation-wide impact instituted in order to:

- preserve and support public health
- prevent the spread of diseases
- survey the influence of environment on the state of health of the population

Doc. MUDr. Jaroslav Kříž is the director of the Institute. Prof. MUDr. Kamil Provazník, CSc. holds the post of the director's secretary for science and research.

The activity of the Institute is sub-divided into five subject centers:

- Health and Living Conditions Center (head: Doc. MUDr. L. Komárek, CSc.)
- Hygiene of Health and Occupational Diseases Center (head: Prof. MUDr. M. Cikrt, DrSc.)
- Epidemiology and Microbiology Center (head: Doc. MUDr. B. Kříž, CSc.)
- Food Chains Center (head: MVDr. J. Ruprich, CSc.)
- Hygiene of Environment Center (head: MUDr. Růžena Kubínová)

As to the fundamental activities we may mention in particular:

Science—research exertion, educational and edifying endeavor, referential activity (The State Institute of Health unites 47 National Reference Centers, laboratories, and establishments of hygiene, microbiology, and epidemiology), evaluations (a number of laboratories evaluate health risks of various products – from foodstuffs to cosmetics to 'articles of everyday use'), monitoring of the health state of the population vis-à-vis the environment, a nation-wide project of studying the impact of harmful particles on human health.

## ***Psychiatric Center Prague***

<http://www.pcp.lf3.cuni.cz>

The Psychiatric Center, which is situated in the precincts of Bohnice Hospital, has been founded in 1961 as the Psychiatric Research Institute. Its first director was MUDr. Lubomír Hanzlíček, DrSc., later professor of psychiatry at the Faculty of Hygiene, author of a unique encyclopaedia of Psychiatry.

In its lifetime, the Institute provided professional background to many interesting and important personalities: Professor Kurt

In the sphere of Medicare and disease prevention the Institute attempts to solve currently hottest potatoes, medically speaking, within the scope of the above mentioned as well as other projects:

1. In the field of the prevention of infectious diseases we are concerned with epidemiological studies of serious infections, such as AIDS, tuberculosis, intestinal infections and toxicosis, diverse viral afflictions, in particular hepatitis, surveying the occurrence of new types of infection, going as far as monitoring the resistance to antibiotics.
2. Healthy lifestyle as a prevention of cardiovascular diseases and tumors, including fight against alcoholism, tobacco and drug addiction, are the top priority in the area of community medicine and different subjects of hygiene. What is also important is the contribution made in the sphere of work hygiene and occupational diseases toward the creation of a healthy workplace. The problem of healthy nutrition is solved with regard to its minimal health risks as well as composition desirable for the health of a human being.

The State Institute of Health is a teaching foundation for graduate and postgraduate instruction in a whole range of preventive subjects at the 3<sup>rd</sup> Faculty of Medicine, Charles University. The State Institute of Health is accredited as a center co-operating with the World Health Organization.

Freund, who made great achievements and contributions in the field of sexual disorders, worked in Toronto, died on the 23<sup>rd</sup> October 1996; PhDr. Jaroslav Madlafousek, pupil of Prof. K. Freund, who achieved recognition in the sphere of non-verbal communication; PhDr. Michael Žantovský, former ambassador of the Czech Republic to the United States, speaker of the president of the Czech Republic, carried out research in

the laboratory of Dr. Madlafousek for many years. Grof brothers also took off here. Paul Grof is now a world famous psychiatrist and professor in Ottawa. His brother Stanislav lives in California today, and is widely recognized as a specialist in transpersonal psychology; prof. Miloš Matoušek, who spent years in Göteborg, Sweden, to become a famous specialist in psychiatric electroencephalography, now again is a member of the staff; Prof. Jan V. Volavka is a prestigious scientist at Nathan S. Kline Institute in Orangeburg, New York State, USA, known especially thanks to his studies on violent behavior; Dr. Frank Engemann, foremost expert in psychometrics and methodologist, for a long time operating at McGill University in Montreal; there is also a recently deceased renowned surrealist Luděk Šváb. Also foremost famous psychopharmacologists Doc. J. Baštecký and Doc. O. Vinař were members of our staff. The team of applied mathematics and biomedical engineering, the member of which several years ago was also later Minister of Education Prof. Petr Vopěnka, and many others.

In 1990 the Center was affiliated to the 3<sup>rd</sup> Faculty of Medicine, Charles University. The PCP dresses the teaching soil for psychiatry and psychology at this Faculty and

takes part in the instruction of neuroscience. The Psychiatric Center is directed by the current Vice–Dean of the Faculty, Prof. MUDr. C. Höschl, DrSc., who was its dean in 1990–1997.

The Center is divided into ten separate laboratories and sections:

- Pathophysiology of the Brain (Head: Prof. O. Benešová)
- Biochemistry (Head: RNDr. D. Řířpová)
- Family Research (Head: Prof. Z. Dytrych)
- Clinical Psychopharmacology (vacant)
- Psychometrics (Head: Prof. J. Kožený)
- Addiction Research (Head: PhDr. L. Kubička)
- Psychiatric Demography (Head: Dr. E. Dragomirecká)
- EEG Department and Laboratory (Head: Prof. Miloš Matoušek)
- Medical Information Center (Head: PhDr. A. Palčová)
- Business Administration (Head: J. Vítek)

The Psychiatric Center Prague is accredited as a 'Collaborating Center of the World Health Organization' and participates in the publishing of the magazine *Psychiatrie*.

# **DEPARTMENTS**

**3<sup>rd</sup> Faculty of Medicine**





# **LIST OF DEPARTMENTS, CENTERS AND CLINICS AT THE 3<sup>rd</sup> FACULTY OF MEDICINE:**

## **DEPARTMENTS**

- Department of Anatomy
- Department of Biochemistry and Pathobiochemistry
- Department of Foreign Languages
- Department of Forensic Medicine
- Department of Medical Biophysics
- Department of Medical Ethics
- Department of Microbiology
- Department of Normal, Pathological and Clinical Physiology
- Department of Pathology
- Department of Pharmacology
- Department of Physical Education
- Genetic Expression Lab

## **3<sup>rd</sup> FACULTY OF MEDICINE CENTERS**

### **Center of Biomedical Sciences**

- Division of Cell and Molecular Biology
- Division of Cell and Molecular Immunology
- Division of General Biology and Genetics
- Division of Histology and Embryology
- Division of Medical Chemistry and Biochemistry of the Cell
- Teratological Information Service

### **Center of Preventive Medicine**

- Division of Epidemiology
- Division of General Hygiene
- Division of the Health of Children and Youth
- Division of Nutrition
- Division of Occupational Medicine
- Division of Primary Care – Family Medicine
- Division of Sport Medicine

### **Center of Surgery**

- Department of Anesthesiology and Resuscitation
- Department of Burns Medicine
- Department of Plastic Surgery
- Department of Surgery
- Department of Urology
- Orthopedics –Traumatological Department

### **Psychiatric Center Prague**

- Division of Medical Psychology

## **LIST OF CLINICAL DEPARTMENTS 3<sup>rd</sup> FACULTY OF MEDICINE**

- 1<sup>st</sup> Department of Internal Medicine
- 2<sup>nd</sup> Department of Internal Medicine
- Department of Dermatovenereology
- Department of Geographical Medicine
- Department of Gynecology and Obstetrics
- Department of Children and Adolescents
- Department of Infectious Diseases
- Department of Neurology
- Department of Nuclear Medicine
- Department of Ophthalmology
- Department of Otorhinolaryngology
- Department of Pneumology and Chest Surgery
- Department of Radiology
- Department of Radiotherapy and Oncology
- Department of Stomatology

## **Other Departments of the Faculty Hospital Královské Vinohrady and 3<sup>rd</sup> Faculty of Medicine**

- Department of Physiotherapy

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MUDr. Zuzana Turková

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MUDr. David Kachlík

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MUDr. Hana Nováková  
Ing. Jan Panoš  
MUDr. Elena Šilhová, maternity leave  
Mgr. Blanka Veselá  
MUDr. Tomáš Vondráček  
MUDr. Veronika Zemanová

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Prof. Dr. Dolphe Kutter  
Doc. MUDr. I. Malbohan, CSc.

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MUDr. Josef Šach  
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– Tuesdays & Thursdays upon previous appointment at tel.: 67 102 260 (H. Jarošová)

*Doc. MUDr. Vlasta Rychterová, CSc.* – Monday 12.30 – 13.30 h, door num. 205

*Doc. RNDr. Eva Samcová, CSc.* – Tuesday & Friday 10.00 – 12.00 h, door num. 407

*Prof. MUDr. Josef Stingl, CSc.* – Monday & Friday 10.00 – 12.00 h, door num. 230

*Doc. MUDr. Michael Urban* – upon previous appointment at tel.: 6716 3550 (M. Lišková)

### **FACULTY SECRETARY:**

*Doc. MUDr. Jozef Rosina* – upon previous appointment at tel.: 67 102 305

### **DEAN'S OFFICE:**

#### **Grant Agenda:**

*Jana Jeníčková* – Monday – Friday 8.00 – 15.00 h, door num. 227

#### **Economics Division – Treasury:**

*Helena Volmuthová* – Monday – Friday 6.30 – 15.00 h

*Milan Mašek* – Monday – Friday 6.30 – 15.00 h, door num. 229

#### **Division of Science & Research – Post-Graduate Studies**

*Blanka Alinčová* – Tuesday & Thursday 10.00 – 12.00 h, door num. 230

#### **Personnel Division:**

*Věra Tomášková* – Monday & Thursday 13.00 – 17.00 h.

– Tuesday & Wednesday 9.00 – 17.00 h, door num. 232

*Miluše Ramešová* – Monday – Friday 9.00 – 14.00 h, door num. 231

*Olga Sekavová* – Tuesday 9.00 – 13.00 h

– Thursday 13.00 – 15.00 h, door num. 231

#### **Study Division:** – door number. 208

Monday 13.00 – 15.30 h

Tuesday 7.30 – 12.00 h

Wednesday 7.30 – 12.00, 13.00 – 15.30 h

Thursday 7.30 – 12.00 h

#### **Center of Scientific Information – Library & Study Room** – door num. 104

Monday & Wednesday 8.00 – 16.00 h

Tuesday & Thursday 8.00 – 18.00 h

Friday 8.00 – 14.00 h

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Základní informace o 3. lékařské fakultě a o podmínkách studia. Seznam výukových programů a pracovišť 3. lékařské fakulty ve studijním roce 1999/2000.

## **ACADEMIC TUTORS**

If the student experience any problems with the study or have any suggestions for how it might better serve your needs to the tutors.

<b>Year</b>	<b>Name of Tutor</b>	<b>Place</b>	<b>Visiting hours or contact phone</b>
1	Mgr. Vladimíra Kvasnicová	Faculty r. n. 411	Monday 14 – 16 h
2	Ing. Petr Marhol	Faculty r. n. 585	Tuesday 8 – 10 h
3	MUDr. Jana Dáňová	Faculty r. n. 336	Monday 13 – 15 h
4	MUDr. Martin Votava	Faculty r. n. 530	Phone 67102530
5	MUDr. Pavel Kraml	2 <sup>nd</sup> Department of Internal Medicine	Phone 67162759 67162983
6	MUDr. Hana Bartáková	2 <sup>nd</sup> Department of Internal Medicine	Phone 67162702 67163418