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

Prague 2001/2002

# UNIVERSITAS CAROLINA PRAGENSIS



# CHARLES UNIVERSITY IN PRAGUE 3<sup>RD</sup> FACULTY OF MEDICINE

# **ESSENTIAL STUDY GUIDE**

# List of Study Programs and Departments Academic Year 2001/2002





# Prague 2001

## TABLE OF CONTENTS

#### **ESSENTIAL INFORMATION**

Charles University administration	3
3 <sup>rd</sup> Faculty of Medicine Administration	
Affiliated and Co-operating Institutions of 3rd Faculty of Medicine	3
3 <sup>rd</sup> Faculty of Medicine, Dean's Office	4
Scientific Council	5
Academic Senate	6
Faculty Committees	6
3 <sup>rd</sup> Faculty of Medicine, General information	
Research Goals	
Staff and Students in Academic Year 2001/2002	
Czech Degrees and Academic Titles	
Curriculum 3 <sup>rd</sup> Faculty of Medicine, Charles University in Prague	
Bachelor Studies	
Oath of Matriculation of Charles University in Prague	
Wow of silence 3 <sup>rd</sup> Faculty of Medicine	
Master of Arts Pledge	
Master of Arts Pledge	
English–speaking Students Provision of Health Care and Prevention of Health Risks in Students	U
Ecological Policy	ا ا
Policy for Work with Experimental Animals	
Faculty and Elimination of Waste Products	
Students' Insurance	
Prizes, Foundations and Associations	
Margaret M. Bertrand Prize	
Prize Gerani	
Vesmír Prize	
Prize of the Rector of Charles University	
Prize of the Josef Hlávka Foundation	
Faculty Program of Students' Mobility TRIMED – Students Civic Association	
AMSEC - Association of Medical Students of the English Curriculum	
Public Relations	13
Information Media 3 <sup>rd</sup> Faculty of Medicine	3 ا 10
VNS (Vita Nostra Service)	13 12
VNR (Vita Nostra Revue)	
www pages Sport at Charles University in Prague	
Medical Care	
Halls of Residence – Dormitories	
Refectories	
Center of Scientific Information	
Recommended Books (Cycle I – III)	
Cycle I. – Basic Biomedical Sciences	
Cycle II. – Principles of Clinical Medicine	19
Cycle III. – Clinical Preparation (4 <sup>th</sup> and 5 <sup>th</sup> Years)	21
STUDY PLANS	
Calendar for the 2001/2002 Academic Year	27
Study Division	27

Cycle I. – Basic Biomedical Sciences	
Year I	
Year II	30
Cycle II. – Principles of Clinical Medicine	
Year III	
Year IV	
Cycle III. – Clinical Preparation	35
Year V	35
Year VI	
Compulsory Elective Courses - 2001/2002	
Student Scientific Activity	
Study and Examination Regulations	

## HISTORICAL NOTES

Charles University	47
3 <sup>rd</sup> Faculty of Medicine, Charles University in Prague	
Faculty Hospital Královské Vinohrady	
Bulovka Faculty Hospital	53
The State Institute of Health	
Psychiatric Center Prague	55
Homolka Medical Center	55
Institute of Mother and Child Care in Praha - Podolí	56

# DEPARTMENTS, CLINICS, CENTERS AND OTHER AFFILIATED WORKPLACES OF 3<sup>RD</sup> FACULTY OF MEDICINE

List Departments, Centers, Clinics at 3 <sup>rd</sup> Faculty of Medicine:	61
DEPARTMENTS	
Department of Anatomy	
Department of Biochemistry and Pathobiochemistry	62
Department of Foreign Languages	
Department of Forensic Medicine	
Department of Medical Biophysics	63
Department of Medical Ethics	
Department of Microbiology	63
Department of Normal, Pathological and Clinical Physiology	
Department of Pathology	
Department of Pharmacology	65
Department of Physical Education	
CENTERS AND DEPARTMENTS AT 3RD FACULTY OF MEDICINE	
Center of Biomedical Sciences	66
Division of Cell and Molecular Biology	66
Division of Cell and Molecular Immunology	66
Division of General Biology and Genetics	66
Division of Histology and Embryology	
Division of Medical Chemistry and Biochemistry of the Cell	
Teratological Information Service	67
Center of Preventive Medicine	68
Division of Epidemiology	68
Division of General Hygiene	68
Division of the Health of Children and Youth	68
Division of Nutrition	69
Division of Occupational Medicine	69
Division of Primary Care – Family Medicine	69
Division of Sport Medicine	
Psychiatric Center Prague	70
Psychiatry Clinics	70

Division of Medical Psychology	70
Department of surgical subjects	
Clinical Department of Anesthesiology and Resuscitation	
Clinical Department of Burns Medicine	
Clinical Department of Plastic Surgery	71
Clinical Department of Surgery	
Clinical Department of Urology	
Clinical Orthopaedics–Traumatological Department	72
Neurosurgery Department of the Faculty Hospital	73
Cardiosurgery Department of the Faculty Hospital	73
Department of Internal Medical Subjects	73
1st Clinical Department of Internal Medicine	73
2 <sup>nd</sup> Clinical Department of Internal Medicine	
Clinical Department of Pneumology and Thoracic Surgery	74
Clinical Department of Infectious Diseases	
Department of Clinical Hematology of the Faculty Hospital	
<ul> <li>Department of Geographical Medicine of the Faculty Hospital</li> </ul>	
Department of Internal Medicine at Homolka Medical Center	
Department of Cardiology at Homolka Medical Center	
Department of Gynaecology and Obstetrics	
Clinical Department of Gynaecology and Obstetrics	
Institute of Mother and Child Care in Prague Podoli	
OTHER CLINICS OF 3RD FACULTY OF MEDICINE	
Department of Dermatovenerology	
Department of Children and Adolescents	
Department of Neurology	
Department of Nuclear Medicine	
Department of Ophthalmology	
Department of Otorhinolaryngology	
Department of Radiology	
Department of Radiotherapy and Oncology	
Department of Stomatology	
Department of Physiotherapy	
OTHERS INFORMATION	
Addresses of Affiliated and Co-operating Institutions and Czech Central Organs	83

Addresses of Affiliated and Co-operating Institutions and Czech Central Organs	83
Office hours	
Academic Tutors	
Index	

# **3rd FACULTY OF MEDICINE**

# CHARLES UNIVERSITY IN PRAGUE

**ESSENTIAL INFORMATION** 

## CHARLES UNIVERSITY ADMINISTRATION

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## AFFILIATED AND CO-OPERATING INSTITUTIONS OF 3rd FACULTY OF MEDICINE

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## 3<sup>RD</sup> FACULTY OF MEDICINE, DEAN'S OFFICE

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Věra Stropnická, ext. 107 Filing room

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*Jan Kos*, ext. 160 Workshop

Josef Kincl, ext.150 Transformation station, electrician

*Jiří Kadlec* Heat and water exchange

#### Chair:

Prof. MUDr. Michal Anděl, CSc.

#### Members:

MUDr. Marie Alušíková, CSc. Doc. MUDr. Jan Bartoníček, DrSc. Prof. MUDr. Miroslav Cikrt, DrSc. MUDr. Karel Filip, CSc. Prof. MUDr. Jiří Horák, CSc. Prof. MUDr. Cyril Höschl, DrSc. Prof. MUDr. Richard Jelínek, DrSc. Doc. MUDr. Pavel Kalvach, CSc. MUDr. František Koukolík, DrSc. Prof. MUDr. Miloslav Kršiak. DrSc. prim. MUDr. Karel Křikava, CSc. Prof. MUDr. Jan Libiger, CSc. Prof. MUDr. Bohumil Ošťádal, DrSc. Prof. MUDr. Kamil Provazník, CSc. Prof. RNDr. Ivan Raška. DrSc. Prof. MUDr. Richard Rokyta, DrSc. Doc. MUDr. Vlasta Rychterová, CSc. Prof. MUDr. Luboslav Stárka, DrSc. Prof. MUDr. Josef Stingl, CSc. Doc. MUDr. Bohuslav Svoboda, CSc. MUDr. Milan Šmíd. CSc. Prof. MUDr. Vladimír Vonka, DrSc.

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Prof. MUDr. Radana Königová, CSc. MUDr. Zuzana Roithová Prof. MUDr. Jiří Schindler, DrSc. Prof. MUDr. Vlastimil Slouka, CSc.

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**Prof. Dr. Robert Schmidt** Physiol. Institut Röntgenring 9 8700 Würzburg, BRD

**Prof. Jan Volavka, M.D.** Nathan S. Kline Institute Orangeburg New York 10962, USA

## ACADEMIC SENATE

## (The academic Senate ekections shall take place during 2001/2002 academic year.]

#### Chair:

MUDr. Alexander Martin Čelko, CSc.

#### Vice-chair:

Doc. MUDr. Jana Málková, CSc. Ladislav Mašek

#### Members of the Teaching Staff of the Academic Senate: CLINICS

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#### OTHER DEPARTMENTS

Doc. RNDr. Ivo Bárta, CSc. MUDr. Alena Doubková, CSc. PhDr. Martina Hábová Doc. MUDr. Daniela Janovská, CSc. Doc. MUDr. Hana Provazníková, CSc. MUDr. Jan Stříteský Doc. MUDr. Jiří Šimek, CSc.

#### **Student Members**

Bábíček Michal Bala Jakub Benešová Petra Brigant Aleš Ďurinová Lenka Karlová Dana Kuchtová Jaroslava Liberko Igor Martan Ladislav Petráček Jan Řeháková Hana Suchánek Stanislav Trnka Jan Vydra Jan Zieg Jakub

#### Secretary of the Academic Senate:

Jana Jeníčková, tel.: 67 102 227

## FACULTY COMMITTEES

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

#### COMMITTEE OF OCCUPATIONAL RISKS

#### Chair:

Doc. MUDr. Evžen Hrnčíř, CSc., tel.: 6716 2810

#### Members:

Doc. MUDr. Monika Kneidlová, CSc. Vladimír Košátko Doc. MUDr. Jozef Rosina Marta Zezuláková

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#### Chair:

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#### Members:

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#### Members:

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#### **DISCIPLINARY COMMITTEE**

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Doc. MUDr. Hana Provazníková, CSc. Doc. RNDr. Eva Samcová, CSc.

#### Deputies:

MÚDr. Alena Doubková, CSc. Doc. MUDr. Daniela Janovská, CSc.

Students: shall be appointed

#### **EDITORIAL COMMITTEE**

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#### Members:

Prof. MUDr. Pavel Gregor, DrSc. Mgr. Marie Fleissigová PhDr. Martina Hábová

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#### Members:

Prof. MUDr. Radana Königová, CSc. Doc. MUDr. Ladislav Mertl, CSc.

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#### Members:

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Administration: Hana Jarošová

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Chair: Stella Neumannová, tel.: 67 102 237

#### Members:

Věra Rejlková Lenka Saláková Věra Stropnická

#### LIQUIDATION COMMITTEE

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*Members:* Jan Kos Helena Volmuthová

#### **RESEARCH AND DEVELOPMENT COMMITTEE**

#### Chair:

Prof. MUDr. Josef Stingl, CSc. tel.: 67 102 494, 67 102 508

#### Members:

Doc. MUDr. Jan Bartoníček, DrSc. MUDr. Jara Hornová, CSc. Prof. MUDr. Richard Jelínek, DrSc. Prof. MUDr. Miloslav Kršiak, DrSc. Prof. MUDr. Richard Rokyta, DrSc.

#### Student: MUDr. František Bednář

Administration: Blanka Alinčová (PDBS, habilitation and appoint procedure) Jana Jeníčková (grants)

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Doc. MUDr. Vlasta Rychterová, CSc., tel.: 6716 3302 *Members:* 

#### MUDr. Alena Doubková, CSc. Doc. MUDr. Daniela Janovská, CSc. Doc. MUDr. Monika Kneidlová, CSc. PhDr. Vladislava Kůželová MUDr. Jitka Patočková Doc. MUDr. Hana Provazníková, CSc. Doc. RNDr. Eva Samcová, CSc. MUDr. Dagmar Schneidrová, CSc. MUDr. Tamara Sládková

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#### *Heads of Cycles:* Prof. MUDr. Josef Stingl, CSc. Prof. MUDr. Jiří Horák, CSc. Prof. MUDr. Michal Anděl, CSc.

#### Heads of Modules:

Prof. MUDr. Richard Rokyta, DrSc. Prof. MUDr. Richard Jelínek, DrSc. Doc. MUDr. Jozef Rosina Doc. MUDr. Jiří Šimek, CSc. Doc. PhDr. Jiří Kožený, CSc. Doc. MUDr. Vlasta Rychterová, CSc. Doc. MUDr. Jana Málková Doc. MUDr. Jan Bartoníček, DrSc. Doc. MUDr. Bohuslav Svoboda, CSc. Prof. MUDr. Kamil Provazník, CSc. Prof. MUDr. Cyril Höschl, DrSc. Doc. MUDr. Hana Provazníková, CSc.

## **3RD FACULTY OF MEDICINE, GENERAL INFORMATION**

## **RESEARCH GOALS**

 MSM 111200001 Prevention, diagnostics and therapy of initial stages of diabetes and metabolic, endocrine and environmental damages of organism.
 Co-ordinator:

Prof. MUDr. Michal Anděl, CSc.

- MSM 111200002 Prevention, diagnostics and therapy of initial stages of toxic and infectious damages of parenchymatous organs
   Co-ordinator: Prof. MUDr. Jiří Horák, CSc.
- MSM 111200003 Accident prevention and timely diagnostics and therapy of injuries *Co-ordinator:* Prof. MUDr. Josef Stingl, CSc.
- MSM 111200004 Invasion therapy of early stages of cardiac and cerebrovascular diseases in the prevention of later organ damages *Co-ordinator:* Doc. MUDr. Pavel Kalvach, CSc.
- MSM 111200005 Origin, prevention and therapy of nerve system
   Co-ordinator: Prof. MUDr. Richard Rokyta, DrSc.

## STAFF AND STUDENTS IN ACADEMIC YEAR 2001/2002

Undergraduate students	1072 (109 English-speaking students)
General Medicine: Students in Czech curriculum	661
Students in English curriculum	109
Bachelor's programs	302
Ph.D. students (Biomedicine):	137
Teaching staff (1.7.2001)	<ul><li>346 (22 professors, 54 associate professors, 260 Senior Lecturers, 10 others)</li></ul>
Other employees	156
Academic senate	32 (16 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)

## CURRICULUM 3<sup>RD</sup> FACULTY OF MEDICINE, CHARLES UNIVERSITY IN PRAGUE

The need to change the way of teaching is found world–wide and is mainly due to an enormous increase of knowledge, development of new methods and associated emergence of new disciplines. In original curriculum, where a discipline represents a teaching course, these facts lead to atomisation of education and accumulation of facts without their interdisciplinary connections.

Since the academic year 1996/97, 3<sup>rd</sup> Faculty of Medicine has launched a new curriculum where medical studies are divided into 3 basic sections – cycles. These constitute a continuous programme and differ in teaching methods. The cycle I is an integrated study in terms 1–4, cycle II has an integrated part in term 5 and its bulk consists of problem–oriented study in terms 6–8. Cycle III (terms 9–12) is devoted to

clinical training. The cycles are further structured into smaller units – modules, separated cources and courses.

The basic modules in Cycle I are as follows: Structure and Functions of Human Body, elucidating integrated findindings in anatomy, histology, biochemistry and physiology; Biology of the Cell and Genetics Module, including biology, immunology, fundamentals of histology and embryology, chemistry and biochemistry of the cell; Methodology, explaining the basics of scientific methodology, biostatistics, epidemiology and evaluation of health risks. From the beginning of their studies, students encounter patients within the *module focused on Needs of the Patient*, where they get the basic ideas about nursing techniques, first aid and ethical issues in medicine.

Foreign language education and physical training are included in the curriculum as well. In year III, term 5, the module *Theoretical Basis of Clinical Medicine* is taught, integrating the knowledge of general pathology, pathological physiology, microbiology, and pharmacodynamics. In the following 3 terms, basic clinical problems are explained with the aim to facilitate understanding of aetiology, course and symptoms of a particular disease. Clinical training takes place in years 5 - 6.

#### STRUCTURE OF THE NEW CURRICULUM:

#### I. Cycle (1. – 2. Year: Basic Biomedical Sciences) – Head: Prof. MUDr. Josef Stingl, CSc.

Module IA: Structure and functions of the human body

Module IB: Cell biology and genetics

Module IC: Biophysics and informatics

Module ID: Needs of the patient

Module IE: Methodology

Separated Course: Medical terminology (Latin) Physical training Winter training course Summer training course Course in the Czech language

II. Cycle (3. – 4. Year: Principles of Clinical Medicine) – Head: Prof. MUDr. Jiří Horák, CSc.

Module IIA: Theoretical foundations of clinical medicine Module IIB: Clinical propedeuticts Module IIC: Basic clinical problems Module IID: Compulsory optional courses Separated Course: Czech language –

communication with patients Physical training

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

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

Module of Internal Medicine Module of Surgery Module of Neurobehavioral Sciences Module of Gynaecology and Obstetrics Module of Pediatrics Module of Preventive and primary care Separated courses: Otorhinolaryngology Ophthalmology Dermatovenerology Forensic Medicine Emergency Medicine Infection & Geographic Medicine

## **BACHELOR STUDIES**

In the academic year 2001/2002 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 solemni 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 sponsioni 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 and, likewise, it was accredited by the Ministry of Education, Youth and Physical Education. Eligibility and Certification Approval Report (ECAR) and Program Participation Agreement (PPA) has been given on behalf of U.S. Department of Education OPE ID No. 03378300 to the 3<sup>rd</sup> Faculty of Medicine. 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. The tuition fee in English curriculum is USD 8.500 per academic year for students of the 1<sup>st</sup> and 2<sup>nd</sup> year; and USD 9.000 per academic year for students in all other years (3<sup>rd</sup> to 6<sup>th</sup>)

## PROVISION OF HEALTH CARE AND PREVENTION OF HEALTH RISKS IN STUDENTS

The study of medicine and other health sciences brings potential risks to health during practical training, esp. due to infection, ionising radiation, toxic substances (e.g. cytostatic drugs), and injuries. That is why students are vaccinated against hepatitis B, their resistance to tuberculosis is tested, and in female students antirubeola antibodies are assessed (with possible re-vaccination) in order to prevent rubella infection during possible pregnancy. Pregnant students are asked to inform their teachers in order to eliminate all risks inherent in their medical training high risk of infection (esp. Departments of Pathology, Microbiology, Forensic Medicine, Infectious Diseases Clinic), risk of ionising radiation (X-ray and isotopes). A pregnant student should avoid any manipulation with cytostatics (oncology and other wards). Students must abide by work safety principles. The faculty policy aims for thorough prevention and absolute minimization of health risks during the course of medical studies. Any particular problems concerning individual study plan are dealt with by respective departments or wards, or ultimately by the Vice–Dean for Study Affairs.

Students are subjected to compulsory preventive care. The care provided consists of health check up upon admission, in year 3, and upon graduation in year 6. The vaccination against hepatitis B is a part of admission check up and is obligatory. Non-vaccinated students are not allowed to attend clinical training if there is risk of hepatitis B infection.

## **ECOLOGICAL POLICY**

The 3<sup>rd</sup> Faculty of Medicine (realising that destruction of any item of natural heritage and taking into consideration the importance of natural heritage for preservation of human heritage as a whole) aims for the education of young generation towards ecological thinking, and also through its own attitude to preserve the nature for further generations. The leaders of the 3<sup>rd</sup> Faculty of Medicine therefore issue the following report on the faculty ecological standing.

#### POLICY FOR WORK WITH EXPERIMENTAL ANIMALS

Work with experimental animals on 3<sup>rd</sup> Faculty of Medicine is ruled by valid norms, i.e. Animal Protection against Abuse Act (246/1992 Sb.) and decree no. 311/1997 Sb. There is an expert committee for protection of experimental animals working at 3<sup>rd</sup> Faculty of Medicine. The faculty was accredited to keep animals and run experiments on them, the respective employees were trained and certified accordingly. Any experiment involving animals must be based on a project approved of by the faculty expert committee and supervising organs.

Apart from abiding by principles it is also necessary to treat the animals well. We aim for minimal use of animal model in teaching (they are substituted for by computer simulations). If the animal must be used, then experiments are designed so that pain/suffering are minimised.

If pain or stress assessment are the objective of the research, then a special emphasis is put on benefit for knowledge and health in maximum, and on publication of results in a recognised international journal.

## FACULTY AND ELIMINATION OF WASTE PRODUCTS

Waste products of respective faculty departments are stored according to the valid Czech norms. It is removed and then eliminated by SCHB a.s. according to the needs of individual faculty departments (contact the work safety technician).

#### The following are eliminated:

- waste products containing inorganic chemicals
- waste products containing organic chemicals
- sharp blades (used needles)
- other waste products with special requirements to prevent infection spread
- other waste products without special requirements to prevent infection spread
- non–usable chemicals or drugs
- fluorescent bulbs

## **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 instalment is 1070,– Czech Crowns for men and 1330,– Czech Crowns for women.

## PRIZES, FOUNDATIONS AND ASSOCIATIONS

#### Margaret M. Bertrand Prize

The award for the best student of the 3<sup>rd</sup> Faculty of Medicine, 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

#### <u>Prize Gerani</u>

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

Association of students at 3rd Faculty of Medicine -TRIMED was founded in 1997. It aims to support all student activities, co-operate with teachers and promote students' interests in international context and on Internet. 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 organising scientific conferences, etc. Since 1998, TRIMED web pages have provided up-to-date information on all events organised, have published rare study materials and sets of examination questions for respective modules or courses. The inseparable activity of TRIMED is co-operation with IFMSA and Leonardo da Vinci exchange programmes that annually provide plenty of interesting study stays for medical students abroad. Any regular student at 3rd Faculty of Medicine is eligible for a TRIMED membership. TRIMED administrative centre is located on the ground floor, room No. 124 C.

#### Elected representatives, currently in office:

#### Roman Sýkora

Chairman, responsible for TRIMED financial and administrative affairs

#### Ladislav Mašek

Responsible for science, and study activities

#### Eva Matějčková

Responsible for international student exchange programmes (IFMSA)

#### Simona Spišáková

Responsible for sport activities

#### Pavel Kubů

Responsible for international relations

#### Tomáš Kostrhun Webmaster

Contact e-mail: *trimed@lf3.cuni.cz,* vannuy@centrum.cz or on www pages of the

vannuy@centrum.cz or on www pages of th TRIMED: trimed.lf3.cuni.cz tel..: 02/ 67 102 590

#### AMSEC - Association of Medical Students of the English Curriculum

The AMSEC was founded during the Spring season in 2000. Having been established by a group of foreign students, it is intended to respond to immediate needs on the part of the community of all English speaking students.

Since then, the association has enlarged its scope to:

- providing information for integration and adaptation of foreign students,
- facilitating the co-operation among students, teachers and the administrative board,
- improving the academic and social life of students on the precincts of the faculty as well as around Prague.

#### •

AMSEC's efforts are supported by the TRIMED as well as the administrative board. All students in the English speaking curriculum are welcome to join this association and contribute to its successfully accomplishing its aims.

Elected representatives of the board of the AMSEC are as follows:

Sholan Kumar Bunwaree, Chairman Niki Pali, vice-chairman Andreas Bjorang, secretary Sigve Lye Tone Tjoernholm John Bekkenes Michael Sorotos Eivinn Skjaerseth Aardal Panos Antonakas Kjetil Isaksen

## PUBLIC RELATIONS

- The public is informed about faculty affairs by the Dean prof.. M. Anděl
- Information on admission procedure and study enquiires is provided by Vice–Dean for Study Affairs doc. V. Rychterová
- Information on postgraduate study and scientific activity of the faculty is provided by Vice–Dean prof. J. Stingl
- Information on foreign affairs of the faculty is provided by Vice–Dean prof. C. Höschl
- Information on faculty development is provided by Vice–Dean doc. M. Urban and faculty secretary doc. J. Rosina
- Information on study reforms is provided by Vice–Dean prof. C. Höschl
- Information on medical study in English is provided by Vice–Dean doc. E. Samcová

In their appointed fields, the Dean and Vice– communicate with the media (press, radio, television)

## 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 and mandatory regulations of the Faculty management.

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

#### 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, since 1999 accessible also on the internet as 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 information on the 3<sup>rd</sup> Faculty of Medicine.

#### WWW editor

Ing. Antonín Dvořák, ext. 552 e-mail: Antonin.Dvorak@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, 2493 1000

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 guality.

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

#### Kolej Arnošta z Pardubic

Praha 1, Voršilská 1, tel.: 2491 3692, (changed to 24931000 in the 3<sup>rd</sup> quarter 2000)

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, Zvoníčkova 5, tel.: 2039 1111

Kolej Kajetánka I. a II.

Praha 6, Řadimova 12, tel.: 20513118–9; 3167212, 3167165 Kolej Mikoláše Alše

Praha 7, Na Výšinách 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, Zvoníčkova 5, tel.: 2039 1111

Foreign students dormitory:

Kolej Komenského Praha 6, Parléřova 6, tel.: 2051 6812

## REFECTORIES

Students may use refectories three times a day. List of Refectories

ALBERTOVPrahARNOŠTA Z PARDUBICPrahBUDEČPrahJEDNOTAPrahKAJETÁNKAPrahŠVEHLOVAPrah14

Praha 2, Albertov 7 Praha 1, Voršilská 1 Praha 2, Wenzigova 20 Praha 1, Opletalova 38 Praha 6, Radimova 6 Praha 3, Slavíkova 22 PRÁVNICKÁ SPORT VĚTRNÍK 17. LISTOPADU CANTEEN HTF Praha 1, Curieových 7 Praha 6, J. Martího 31 Praha 6, K Větrníku 1 Praha 8, Pátkova 3 Pacovská 350, Praha 4

#### **CENTER OF SCIENTIFIC INFORMATION**

100 00 Praha 10, Ruská 87 tel.: 67 102 111, tel./fax: 67 102 519 www: http://wsvi.lf3.cuni.cz web catalog: http://wsvi.lf3.cuni.cz/katalog.html e-mail: svi@lf3.cuni.cz

#### Head:

PhDr. Martina Hábová, ext. 547 Martina.Habova@lf3.cuni.cz

Administrative Secretary: Ivana Ježková, linka 552

Ivana.Jezkova@lf3.cuni.cz Assistant Head:

Miroslava Plecitá, ext. 519 Miroslava.Plecita@lf3.cuni.cz

#### Experts:

Ing. Antonín Dvořák, ext. 552 Antonin.Dvorak@lf3.cuni.cz

Mgr. Marie Fleissigová, ext. 105 Marie.Fleissigova@lf3.cuni.cz

Jana Chlanová, ext. 250 Jana.Chlanova@lf3.cuni.cz

Věra Chobotová, ext. 106 Vera.Chobotova@lf3.cuni.cz – Library, Study Room

Oldřiška Jonáková, ext. 552 Oldriska.Jonakova@lf3.cuni.cz

Vítězslav Kalous, ext. 589 – *Xerox Studio* 

Ivana Konfrštová ext. 103 Ivana.Konfrstova@lf3.cuni.cz – Library, Study Room

Vladimír Musil, ext. 532 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 (for the employees of the 3<sup>rd</sup> Faculty of Medicine
- 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 2000/2001

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 pricelists of the services of the SVI
- 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.
- 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:

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

#### 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

#### Ústav vědeckých informací 2. LF

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

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

## **RECOMMENDED BOOKS (CYCLE I – III)**

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.

CYCLE I. - BASIC BIOMEDICAL SCIENCES

## MODULE IA – STRUCTURE AND FUNCTION OF HUMAN BODY (1st – 2nd YEAR)

#### **BASIC TEXTBOOKS:**

#### ANATOMY

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

**Sobotta atlas of human anatomy. Vol. 1–2** / edited by R. Putz, R. Pabst. – 12<sup>th</sup> Engl. ed. – Baltimore: Williams & Wilkins, cop. 1997.

Color atlas and textbook of human anatomy: in 3 volumes. Vol. 1, Locomotor systém / Werner Platzer. – 4<sup>th</sup> ed. – Stuttgart: Georg Thieme, 1992.

Color atlas and textbook of human anatomy: in 3 volumes. Vol. 2, Internal organs / Helmut Leonhardt.  $-4^{th}$  ed. – Stuttgart: Georg Thieme, 1993.

Color atlas and textbook of human anatomy: in 3 volumes. Vol. 3, Nervous system and sensory organs / Werner Kahler. – 4<sup>th</sup> ed. – Stuttgart: Georg Thieme, 1993. Gray's anatomy: the anatomical basis of medicine and surgery / chairman of the editorial board, Peter L. Williams ; editorial board, Lawrence H. Bannister ... [et al.]. – 38<sup>th</sup> ed. – New York: Churchill Livingstone, 1995.

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

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

#### HISTOLOGY AND EMBRYOLOGY

Basic histology / L. Carlos Junqueira, José Carneiro,

Robert O. Kelley. – 9<sup>th</sup> ed. – Stamford, Connecticut: Appleton & Lange, cop. 1998.

The developing human: clinically oriented embryology / Keith L. Moore, T.V.N. Persaud. – 6<sup>th</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1998.

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

BIOCHEMISTRY, BIOLOGY, IMMUNOLOGY, GENETICS

Harper's biochemistry / Robert K. Murray ... [et al.]. – 25<sup>th</sup> ed. – Stamford: Appleton & Lange, cop. 2000.

Essential cell biology: an introduction to the molecular

**biology of the cell** / Bruce Alberts ... [et al.]. – New York: Garland Publ., cop. 1998.

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

**Principles of genetics** / Eldon John Gardner, Michael J. Simmons, D. Peter Snustad.  $-8^{th}$  ed. - New York: Wiley, cop. 1991.

**Essential immunology** / Ivan M. Roitt. – 8<sup>th</sup> ed. – Oxford: Blackwell Scientific Publications, 1994.

#### PHYSIOLOGY

Practical courses on physiology / Klára Bernášková ... [et al.] – Prague: 3. LF UK, 1994.

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

#### COMPLEMENTARY AND FACULTATIVE TEXTBOOKS:

#### ANATOMY

**Atlas of topographical anatomy** / by Werner Platzer. – Stuttgart: Georg Thieme, 1985.

Atlas of systematic human anatomy/ Wolf–Heidegger, G. – 3rd.ed – Basel, New York: Karger, 1972.

HISTOLOGY AND EMBRYOLOGY

**The developing human: clinically oriented embryology** / Keith L. Moore, T.V.N. Persaud. – 6<sup>th</sup> ed. – Philadelphia:

W.B. Saunders Co., cop. 1998.

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

**Histology, color atlas of microscopic anatomy** / Frithjof Hammersen. – Baltimore: Urban & Schwarzenberg, 1985.

Wheater's functional histology: a text and colour atlas /

H. George Burkitt, Barbara Young, John W. Heath. – 3<sup>rd</sup> ed. – Edinburgh: Churchill Livingstone, 1993.

# BIOCHEMISTRY, BIOLOGY, IMMUNOLOGY, GENETICS

Molecular cell biology. 3.0 / Harvey Lodish ... [et al.]. – New York: W.H. Freeman, cop. 1996. – 1 CD–ROM Biochemistry / Pamela C. Champe, Richard A. Harvey. – 2<sup>nd</sup> ed. – Philadelphia: Lippincott–Raven, cop. 1994.

#### Textbook of biochemistry: with clinical correlations /

edited by Thomas M. Devlin. –  $4^{th}$  ed. – New York: Wiley–Liss, cop. 1997.

#### PHYSIOLOGY

Human physiology / edited by R.F. Schmidt and G. Thews. – Berlin ; New York: Springer–Verlag, 1983.
Physiology / R.M. Berne, M.N. Levy. – 4<sup>th</sup> ed. St. Louis: Mosby, cop. 1998.

## MODULE IB – CELL BIOLOGY AND GENETICS (1st YEAR)

#### **BASIC TEXTBOOKS:**

#### BIOCHEMISTRY

Harper's biochemistry / Robert K. Murray ... [et al.]. – 25<sup>th</sup> ed. – Stamford: Appleton & Lange, cop. 2000.

#### HISTOLOGY AND EMBRYOLOGY

**Basic histology** / L. Carlos Junqueira, José Carneiro, Robert O. Kelley. – 9<sup>th</sup> ed. – Stamford, Connecticut: Appleton & Lange, cop. 1998.

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

The developing human: clinically oriented embryology / Keith L. Moore, T.V.N. Persaud. – 6<sup>th</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1998.

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

**Essential cell biology: an introduction to the molecular biology of the cell** / Bruce Alberts ... [et al.]. – New York: Garland Publ., cop. 1998.

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

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

**Essential immunology** / Ivan M. Roitt. – 10<sup>th</sup> ed. – Oxford: Blackwell Scientific Publications, 2001.

**Immunology** / Janis Kuby. – New York: W.H. Freeman, cop. 1992.

**Basic & clinical immunology** / ed. Daniel P. Stites, Abba I. Terr, Tristram G. Parslow. – 8<sup>th</sup> ed. – London: Prentice–Hall International, cop. 1994.

#### COMPLEMENTARY AND FACULTATIVE TEXTBOOKS:

#### BIOCHEMISTRY

**Biochemistry** / Pamela C. Champe, Richard A. Harvey. – 2<sup>nd</sup> ed. – Philadelphia: Lippincott–Raven, cop. 1994. **Textbook of biochemistry: with clinical correlations** / edited by Thomas M. Devlin. – 4<sup>th</sup> ed. – New York: Wiley–Liss, cop. 1997.

#### HISTOLOGY AND EMBRYOLOGY

Histology, color atlas of microscopic anatomy / Frithjof Hammersen. – Baltimore: Urban & Schwarzenberg, 1985. Wheater's functional histology: a text and colour atlas / H. George Burkitt, Barbara Young, John W. Heath. – 3<sup>rd</sup> ed. – Edinburgh: Churchill Livingstone, 1993.

Human physiology / edited by R.F. Schmidt and G. Thews. – Berlin ; New York: Springer–Verlag, 1983. Physiology / R.M. Berne, M.N. Levy. – 4<sup>th</sup> ed. – St. Louis: Mosby, cop. 1998.

BIOLOGY, GENETICS, IMMUNOLOGY

Molecular cell biology / Harvey Lodish ... [et al.]. – 3<sup>rd</sup> ed. – New York: Scientific American Books, cop. 1995. Molecular cell biology. 3.0 / Harvey Lodish ... [et al.]. – New York: W.H. Freeman, cop. 1996. – 1 CD–ROM Genetics in primary care & clinical medicine / Margretta Reed Seashore, Rebecca S. Wappner. – 1<sup>st</sup> ed. – Stamford, Conn.: Appleton & Lange, cop. 1996. Thompson & Thompson genetics in medicine / Margaret

W. Thompson, Roderick R. McInnes, Huntington F. Willard. – 5<sup>th</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1991. **Molecular genetics for the clinician** / D.J.H. Brock. – Cambridge: Cambridge University Press, cop. 1993. **Medical Immunology**/ D. Stites, A.I. Terr, T.G. Parsolw, McGraw Hill, 9<sup>th</sup> ed., 1997.

## MODULE IC – BIOPHYSICS AND INFORMATICS (1st YEAR)

#### **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. Ecobiophysics / V. Slouka. – Prague: [s.n.], 1996. Practical exercises in biophysics / V. Slouka. – Prague: 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.

Nuclear medicine. 1., Basic science / Otto Lang. – 1. vyd. – Praha: Karolinum, 1998.

**Radiology and imaging for medical students** / David Sutton. – 7<sup>th</sup> ed. – Edinburgh: Churchill Livingstone, 1998.

## MODULE ID – NEEDS OF THE PATIENT (1<sup>st</sup> – 2<sup>nd</sup> YEAR)

#### **BASIC TEXTBOOKS:**

**Communication skills in practice: a practical guide for health professionals** / Diana Williams. – London: J. Kingsley Publishers, cop. 1997.

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

Health psychology: biopsychosocial interactions / Edward P. Sarafino. – 3<sup>rd</sup> ed. – New York: Wiley, cop. 1998. Psychology in action / Karen Huffman, Mark Vernoy, Judith Vernoy. – 3<sup>rd</sup> ed. – New York: Wiley, cop. 1994. First aid manual: the authorised manual of St. John Ambulance, St. Andrew's Ambulance Association, and the British Red Cross / Andrew K. Marsden, Sir Cameron Moffat, Roy Scott. – 6th ed. – London: Dorling Kindersley, cop. 1992.

## MODULE IE – METHODOLOGY (2<sup>nd</sup> YEAR)

#### **BASIC TEXTBOOKS:**

#### FUNDAMENTALS OF SCIENTIFIC METHODOLOGY

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

Research methods: a process of inquiry / Anthony M. Graziano, Michael L. Raulin. – 3rd ed. – New York: Longman, cop. 1997.

Nursing research: methods, critical appraisal, and utilization / [edited by] Geri LoBiondo–Wood, Judith Haber.  $-4^{th}$  ed. – St. Louis: Mosby, cop. 1998.

#### **EPIDEMIOLOGY**

**Epidemiology in medical practice** / D.J.P. Barker, C. Cooper and the late G. Rose. – 5<sup>th</sup> ed. – Edinburgh: Churchill Livingstone, 1998. **Basic epidemiology** / R. Beaglehole, R. Bonita, T.

Kjellstroem. – Geneva: World Health Organization, 1993.

#### BIOSTATISTICS

**Statistical methods in medical research** / P. Armitage, G. Berry. – 3<sup>rd</sup> ed. – Oxford: Blackwell Scientific Publications, 1994.

Interpretation and uses of medical statistics / Leslie E. Daly, Geoffrey J. Bourke, James McGilvray. – 4<sup>th</sup> ed. – Oxford: Blackwell Scientific Publications, 1991.

IDENTIFICATION, ASSESSMENT AND MANAGEMENT OF HUMAN HEALTH RISKS

**Casarett and Doull's toxicology: the basic science of poisons** / editor, Curtis D. Klaassen. – 5<sup>th</sup> ed. – New York: McGraw–Hill, Health Professions Division, cop. 1996. **Occupational & environmental medicine** / edited by Joseph LaDou. – 2<sup>nd</sup> ed. – Stamford, Conn.: Appleton & Lange, cop. 1997.

## COURSE IN LATIN MEDICAL TERMINOLOGY (1st YEAR)

#### **BASIC TEXTBOOK:**

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

## COURSE IN THE CZECH LANGUAGE

#### **BASIC TEXTBOOKS:**

**Communicative Czech. Elementary Czech** / Ivana Rešková, Magdalena Pintarová. – Praha: Ústav jazykové a odborné přípravy Univerzity Karlovy, 1998.

Czech–English medical phrasebook for beginners: patient's needs course / Dominika Grundová. – 1. vyd. – Jinočany: H & H, cop. 1999.

Czech for medical students: a manual / lveta Čermáková.

– Prague: Psychiatrické centrum Praha, 1995.

#### COMPLEMENTARY AND FACULTATIVE TEXTBOOKS:

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

## CYCLE II. - PRINCIPLES OF CLINICAL MEDICINE

#### MODULE IIA – THEORETICAL FOUNDATIONS OF CLINICAL MEDICINE (3<sup>rd</sup> YEAR)

#### **BASIC TEXTBOOKS:**

#### PATHOLOGY

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

#### MICROBIOLOGY

**Medical microbiology** / Cedric Mims ... [et al.]. – 2<sup>nd</sup> ed. – London: Mosby, cop. 1998.

#### PHARMACOLOGY

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

**Pharmacology** / Mary J. Mycek, Richard A. Harvey, Pamela C. Champe. – 2<sup>nd</sup> ed. – Philadelphia: Lippincott–Raven, cop. 1997.

**Pharmacology** / H.P. Rang, M.M. Dale, J.M. Ritter. – 4<sup>th</sup> ed. – Edinburgh: Churchill Livingstone, 1999.

Pharmakologie und Toxikologie/ L. Ilmann H., Mohr K., Wehling M., – 14th ed. – George Thieme Verl. 1999

#### COMPLEMENTARY AND FACULTATIVE TEXTBOOKS:

#### PATHOLOGY

**Robbins pathologic basis of disease** / Ramzi S. Cotran, Vinay Kumar, Tucker Collins. – 6<sup>th</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1999.

**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.

#### PHARMACOLOGY

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

Pharmacology. Lippincott's Illustrated Reviews/ M. J. Mycek, R. A. Harvey, P. C. Champe. – 2nd ed. – Lippincott– Raven, 1997.

**British national formulary** / British Medical Association and Royal Pharmaceutical Society of Great Britain. – London: British Medical Association.

#### MODULE IIB – CLINICAL PROPEDEUTICS (3rd YEAR)

#### **BASIC TEXTBOOKS:**

#### INTERNAL MEDICINE

Physical examination in internal medicine / Ladislav Chrobák, Thomas Gral, Jiří Kvasnička and coworkers. – 1<sup>st</sup> English ed. – Praha: Grada Publ., 1997. Clinical Examination/ Owen Epstein et al – 2<sup>nd</sup> ed., – London–Philadelphia: Moshby,1997 Clinical Examination (a systemic guide to physical diagnosis)/ N.J. Talley, S O'Connor – 2nd ed – Oxford, Blackwell Scie.Publ. 1992

#### SURGERY

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

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

#### NEUROLOGY

**Clinical skills in neurology**/ Michael J. G. Harrison, Oxford: Butterworth – Heinemann, 1996

#### DERMATOVENEROLOGY

**Principles of Dermatology/** Donald P. Lookingbill, James G. Marks–jr – 2nd ed, – Philadelphia, London: W.B. Saunders, 1993

#### OTORHINOLARYNGOLOGY

**Ear, nose, and throat diseases: a pocket reference** / Walter Becker, Hans Heinz Naumann and Carl Rudolf Pfaltz. – 2<sup>nd</sup>, rev. ed. – Stuttgart: Georg Thieme, 1994.

#### OPHTALMOLOGY

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

#### GYNEACOLOGY AND OBSTERICS

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

#### PSYCHIATRY, PSYCHOLOGY

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

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

#### PEDIATRICS

**Nelson essentials of pediatrics** / [edited by] Richard E. Behrman, Robert M. Kliegman. – 3<sup>rd</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1998.

### MODULE IIC - BASIC CLINICAL PROBLEMS (3rd - 4th YEAR)

#### **BASIC TEXTBOOKS:**

#### INTERNAL MEDICINE

**Textbook of Medicine**/ R. L. Souhami, J. Moxham, 3<sup>rd</sup>ed, Churchill Livingstone 1997

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

Harrison's principles of internal medicine / editors,

Anthony S. Fauci ... [et al.]. – 14<sup>th</sup> ed. – New York: McGraw– Hill, Health Professions Division, cop. 1998.

Infectious disease / Barbara A. Bannister, Norman T. Begg, Stephen H. Gillespie. – 2<sup>nd</sup> ed. – Oxford: Blackwell Science, 2000.

**Medical microbiology** / Cedric Mims ... [et al.]. – 2<sup>nd</sup> ed. – London: Mosby, cop. 1998.

#### PATHOLOGY, ONCOLOGY

**Basic Pathology**/ Vinay Kumar et al. – 6th ed. – Philadelphia: W.B. Saunders Co, 1997

Manual of Clinical Oncology/ International Union Against Cancer ; editor Richard R. Love... [et al.]. – 6th ed. – Berlin: Springer 1994.

#### SURGERY

**Microsurgery: transplantation – replantation** / Harry J. Buncke. – Malvern: Lea & Febiger, 1991.

**Grabb & Smith's plastic surgery** / editors, Sherrell J. Aston, Robert W. Beasley, Charles H.M. Thorne. – 5<sup>th</sup> ed. – Philadelphia: Lippicott–Raven Publishers, cop. 1997.

Plastic surgery: principles and practice / M.J. Jurkiewicz ... [et al.]. – St. Louis: Mosby, 1990.

**Textbook of pain** / edited by Patrick D. Wall, Ronald Melzack. – 4<sup>th</sup> ed. – Edinburgh: Churchill Livingstone, 1999. **Textbook of medical physiology** / Arthur C. Guyton, John E. Hall. – 9<sup>th</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1996. Practical fracture treatment / Ronald McRae. – 3<sup>rd</sup> ed. – dinburgh: Churchill Livingstone, 1998. **Outline of orthopaedics** / John Crawford Adams, David L. Hamblen. – 12<sup>th</sup> ed. – Edinburgh: Churchill Livingstone, 1995.

Textbook of disorders and injuries of the musculoskeletal systém: 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.

#### PHARMACOLOGY

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

**Clinical pharmacology** / D.R. Laurence, P.N. Bennett, M.J. Brown. – 8<sup>th</sup> ed. – New York: Churchill Livingstone, 1997.

**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.

**Pharmacology** / H.P. Rang, M.M. Dale, J.M. Ritter. – 4<sup>th</sup> ed. – Edinburgh: Churchill Livingstone, 1999.

Pharmakologie und Toxikologie/ L. Ilmann H., Mohr K., Wehling M., – 14. vyd. – 1999 George Thieme Verlag British National Formulary No. 40 [or higher]/ BMJ Books, September 2000 [or more recent ed.]

#### DERMATOVENEROLOGY

Lecture notes on dermatovenerology / František Záruba. – 1<sup>st</sup> ed. – Praha: Státní pedagogické nakladatelství, 1990. Principles of dermatology / Donald P. Lookingbill, James G. Marks, Jr. – 2<sup>nd</sup> ed. – Philadelphia: W.B. Saunders Co., 1993.

#### NEUROLOGY

**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.

#### NUCLEAR MEDICINE

Principles and practice of nuclear medicine / [edited by] Paul J. Early, D. Bruce Sodee. – 2<sup>nd</sup> ed. – St. Louis: Mosby– Year Book, cop. 1995.

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

An atlas of clinical nuclear medicine / Ignac Fogelman, Michael N. Maisey, Susan E.M. Clarke. – 2<sup>nd</sup> ed. – Köln: Deutscher Ärzte–Verlag, cop. 1994.

#### ANESTEZIOLOGY

Checklist intensive care medicine : including poisoning / Hans–Peter Schuster, Tiberius Pop, Ludwig Sacha Weilemann. – Stuttgart : Georg Thieme, 1990. Emergency trauma handbook / Tom Scaletta, Jeffrey Schaider. – New York : McGraw–Hill, Health Professions

Division, cop. 1996. **Textbook of adult emergency medicine** / edited by Peter Cameron ... [et al.]. – Edinburg: Churchill Livingstone, 2000. **ABC of major trauma** / edited by David Skinner, Peter Driscoll and Richard Earlam. – 2nd ed. – London : BMJ Publ.

Group, cop. 1996. **Key topics in anesthesia** / Timothy M. Craft, Paul M. Upton, Douglas G. Martz. – St. Louis : Mosby–Year Book, cop. 1995.

**Anaesthetic algorithms** / [edited by] R.F. Armstrong, W. Aveling, E.M. Grundy. – Oxford : Oxford University Press, 1996.

#### MICROBIOLOGY

Medical Microbiology/ Cedric A. Mims... [et al.]. – 1st ed. – London: Mosby–Year Book Europe, 1993.

#### OTORHINOLARYNGOLOGY

Ear, Nose and Throat Diseases/W.Becker, H.H.Naumann, C.R.Pfaltz: Thieme, 1994.

#### PEDIATRY

**Nelson Essentials of Pediatrics**/ Behrman, Kliegman – 3<sup>rd</sup> edition – Saunders Company, 1998

FORENSIC MEDICINE

Simpson's Forensic Medicine/ B. Knight. – 11th ed. – London: Arnold, 1997.

#### 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. Pathophysiologic foundations of critical care / editors, Michael R. Pinsky, Jean-François A. Dhainaut. -Baltimore: Williams & Wilkins, cop. 1993. Principles of critical care / editors, Jesse B. Hall, Gregory A. Schmidt, Lawrence D.H. - 2nd ed. - New York: McGraw-Hill, Health Professions Division, cop. 1998. Anesthesia / edited by Ronald D. Miller. - 5th ed. -Philadelphia: Churchill Livingstone, cop. 2000. Pharmacology, Lippincott's Illustrated Reviews/ M. J. Mycek, R. A. Harvey, P. C. Champe. - 2nd ed. - Lippincott-Raven, 1997. Medical Pharmacology at a Glance/M. J. Neal. - 3rd ed. -Blackwell Science, 1997. Widmann's clinical interpretation of laboratory test/

R.A.Sacher, R.A.McPherson, J.M.Campes – F.A.Davis Comp. 1997

Lehrbuch der Klinischen Chemie und Pathobiochemie/ Greiling H., Gressner A.M. – Schattauer 1995

## COURSE IN THE CZECH LANGUAGE – COMMUNICATION WITH PATIENTS (3<sup>rd</sup> YEAR)

#### **BASIC TEXTBOOK:**

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

## CYCLE III. – CLINICAL PREPARATION (4th AND 5th YEARS)

## MODULE OF INTERNAL MEDICINE

**Diseases of infection: an illustrated textbook** / Norman R. Grist ... [et al.]. – 2<sup>nd</sup> ed. – Oxford: Oxford University Press, cop. 1993, repr. with correlations 1994.

#### Harrison's principles of internal medicine / editors,

Anthony S. Fauci ... [et al.]. – 14<sup>th</sup> ed. – New York: McGraw– Hill, Health Professions Division, cop. 1998.

### Widmann's clinical interpretation of laboratory test/ R.A.Sacher, R.A.McPherson, J.M.Campes – F.A.Davis Comp. 1997

Infectious disease / Barbara A. Bannister, Norman T. Begg, Stephen H. Gillespie. – 2<sup>nd</sup> ed. – Oxford: Blackwell Science, 2000.

## MODULE OF SURGERY

Practical Fracture Treatment/ McRae – 3rd ed. – Churchill Livingstone, 1996.

**Outline of Orthopaedics**/ Adams a Hamblen. – 11th ed. – Churchill Livingstone, 1990.

Textbook of Medicine/ R. L. Souhami, J. Moxham, 3<sup>rd</sup>ed, Churchill Livingstone 1997

Medical microbiology / Cedric Mims ... [et al.]. - 2<sup>nd</sup> ed. -

London: Mosby, cop. 1998.

Plastic Surgery/ Grab and Smith, Lipincott – 5<sup>th</sup> ed.,
Philadelphia/New York Raven Publ 1997
Smith's General Urology/ Emil A. Tanago, Jack W.
McAninch – 14th ed – Appelton and Lange, 1995

## MODULE OF NEUROBEHAVIORAL SCIENCES

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. Clinical skills in neurology/ Michael J. G. Harrison, Oxford: Butterworth – Heinemann, 1996. Kaplan and Sadock's synopsis of psychiatry / Benjamin J. Sadock, Harold I. Kaplan. – 8<sup>th</sup> ed. – Baltimore: Williams & Wilkins, 1998. Health psychology: biopsychosocial interactions / Edward P. Sarafino. – 3<sup>rd</sup> ed. – New York: Wiley, cop. 1998.

## MODULE OF GYNAECOLOGY AND OBSTETRICS

Fundamentals of obstetrics and gynaecology / Derek Llewellyn–Jones. – 7th ed. – London: Mosby, 1999. Reproduction, obstetrics, and gynaecology / edited by M.G. Elder. – Oxford: Heinemann Professional Pub., 1988. – (Integrated clinical science). **Colposcopy** / Jiří Kanka, Bohuslav Svoboda. – Prague: Grada Publishing, 1997.

## MODULE OF PEDIATRICS

**Nelson essentials of pediatrics** / [edited by] Richard E. Behrman, Robert M. Kliegman. – 3<sup>rd</sup> ed. – Philadelphia: W.B. Saunders Co., cop. 1998.

## MODULE OF PREVENTIVE CARE

ACSM's resource manual for Guilines for exercise	General and Environmental Hygiene/ kol. – Praha: UK
testing nad prescription/ Editor: Roitman – 3rd ed. –	3.LF, 1994
Baltimore: Willimas and Wilkins, 1998	Insulin resistance and risk factors for coronary heart
Advanced Fitness Assessment Exercise Prescription/	disease/ Laws; Bailliere's Clinical Endocrinology and
Heyward – 3rd ed. – Champaign, Human Kinetics, 1997	Metabolism, Vol.7, 1993, pp. 1063–1078
ASCM's guidelines for exercise testing and	Medical Hygiene/ J.Lener et al. – Praha: Karolinum, 1997
prescription/ Editor: Kenney – 5th ed. – Baltimore: Willimas	Occupational Medicine/ C.Zenz (ed.) – Chicago: Year Book
and Wilkins, 1995	Medical Publ., 1988
Breastfeeding: A guide for the medical profession/	Preschool Children in Troubled Families/ R.Nicol,
R.A.Lawrence; 4th edition – Mosby 1994	D.Stretch, T.Fundudis; JohnWiley and Sons London 1993
Encyclopaedia of Occupational Health and Safety/	Preventive Medicine and Public Health/ B.J.Cassens; Harwal
J.M.Stellman (ed.) – 4th.ed. – Geneva: Inter. Labour Office,	Publishing 1992
1988	Principles of exercise testing and interpretation/
Exercise and Diet in the Prevention and Control of the	Wasserman – 3rd ed. – Baltimore, Lippincott Willimas and
Metabolic Syndrome/ Barnard; Sports Med, 1994, vol.18,	Wilkins, 1999
n.4, pp. 218–228	Social Paediatrics/ B. Lindstrom, N. Spencer – Oxford:
<b>Exercise standards/</b> Flatcher et all.; <i>Circulation</i> , 1992, 86, pp. 340–344	Oxford Univ. Press 1995.

World Health Declaration/ European Health for All No.5; 1998

## OTORHINOLARYNGOLOGY

**Ear, nose, and throat diseases: a pocket reference** / Walter Becker, Hans Heinz Naumann and Carl Rudolf Pfaltz. – 2<sup>nd</sup>, rev. ed. – Stuttgart: Georg Thieme, 1994.

## **OPHTHALMOLOGY**

**Ophthalmology: a primer for medical students and practitioners** / Calbert I. Phillips, Charles V. Clark, Shigeo Tsukahara. – London: Bailliére Tindall, cop. 1994. Clinical ophthalmology: a systematic approach / Jack J. Kanski. –  $4^{th}$  ed. – Oxford: Butterworth–Heinemann, cop. 1999.

## DERMATOVENEROLOGY

Principles of Dermatology/ Donald P. Lookingbill, James G. Marks–jr. – 2nd ed. – Philadelphia, London, W.B. Saunders 1993 Lecture notes on dermatovenerology / František Záruba. – 1<sup>st</sup> ed. – Praha: Státní pedagogické nakladatelství, 1990.

### FORENSIC MEDICINE

Simpson's Forensic Medicine/ B.Knight.-11th ed.-London: Arnold, 1997

**STUDY PLANS** 

## CALENDAR FOR THE 2001/2002 ACADEMIC YEAR

First day of the Academic Year	Oct	ober 1,2001
Winter semester:		
1 <sup>st</sup> – 12 <sup>th</sup> study week:	<b>1</b> . 10.2001 –	21.12.2001
Christmas Holidays:	22.12.2000 -	1.1.2002
13 <sup>th</sup> – 15 <sup>th</sup> study week:	2.1.2001 –	20.1.2002
Examination period:	22.1.2002 –	16.2.2002
Summer semester		
1 <sup>st</sup> – 15 <sup>th</sup> study week:	18.2.2002 –	1.6.2002
Examination period:	3.6.2002 -	29.6.2002
Summer Holiday:	1.7.2002 –	31.8.2002
Examination period:	2.9.2002 –	21.9.2002

End of the Academic Year:

September 30, 2002

Week	Winter semester	Summer semester
1	1.10. – 6.10.	18.2. – 23.2.
2	8.10 13.10.	25.2. – 2.3.
3	15.10. – 20.10.	4.3 9.3.
4	22.10. – 27.10.	11.3. – 16.3.
5	29.10. – 3.11.	18.3. – 23.3.
6	5.11. – 10.11.	25.3 30.3.
7	12.11. – 17.11.	1.4. – 6.4.
8	19.11 24.11.	8.4 13.4.
9	26.11. – 1.12.	15.4. – 20.4.
10	3.12. – 8.12.	22.4. – 27.4.
11	10.12. – 15.12.	29.4 4.5.
12	17.12. – 21.12.	6.5. – 11.5.
13	2.1. – 5.1.	13.5. – 18.5.
14	7.1. – 12.1.	20.5. – 25.5.
15	14.1. – 19.1.	27.5. – 1.6.

#### **CALENDAR OF STUDY**

Matriculation Oath for the 1<sup>st</sup> year shall take place on October 5, 2001 Graduation ceremony for all subject majors shall take place on July 10, 2002

## **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

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**

## <u>YEAR I.</u>

Module / Courses		Semester – hours (total number)								
Lecturer		Wir	nter	Summer						
		lect/integr.	pract./sem.		pract./sem.					
		conference	dissection	conference						
Module IA Total number of hours: 346										
STRUCTURE AND FUNCTIONS OF HUMAN BODY		CR		CR						
prof. Richard Rokyta										
Courses										
1. Locomotion System										
prof. Josef Stingl		31/16	42/5/43	—	-					
2. Respiration. Blood and Body Fluids										
doc. Eva Samcová				22/16	26/3					
3. Urogenital System. Acid – Base Balance										
doc. Eva Samcová				21/16	22/3					
<ol><li>Digestion and Resorption</li></ol>										
doc. Eva Samcová				30/16	31/3					
Module IA total number of hours year I.	lectures	conference	pract./ semin.	dissection	total number					
Anatomy	36	16	36	43	131					
Histology	10	16	18		44					
Physiology	32	16	57		105					
Biochemistry	26	16	24		66					

CELL BIOLOGY AND GENETICS prof. Richard Jelínek	76	118 CR	44	77 CR E
Module Sub-C	ourses			
Medical Chemistry & Biochemistry				
doc. Eva Samcová	44	45	-	-
Cell and Molecular Biology				
RNDr. Pavel Hozák	14	28	12	20
Cell and Molecular Immunology				
MUDr. Petr Kučera	_	-	4	12
Structure of Cells and Tissues, general Embryology				
prof. Richard Jelínek	18	33	-	-
General Biology and Genetics				
doc. Ivo Bárta	_	12	28	45

Notice: **CR** = credit, **E** = exam

Module / Courses	ses Semester – hours (total number )					
Lecturer	Wint		Summer			
	lect/integr.		lect./integr.	pract./sem.		
	conference	dissection	conference			
Module IC Total number of hours: 53	1	T				
BIOPHYSICS AND INFORMATICS						
doc. Jozef Rosina	-	24 CR	-	29 CR E		
Module Sub	o-Courses	T				
Medical Biophysics						
doc. Jozef Rosina	_	24	-	6		
Nuclear Medicine				0		
MUDr. Otto Lang	-	_	_	8		
Radiology				10		
doc. Jan Šprindrich Sources of Scientific Information	-	_	-	10		
PhDr. Martina Hábová				5		
	_			5		
Module ID Total number of hours: 120 NEEDS OF THE PATIENT						
doc. Jiří Šimek	25	35 CR	15	45 CR		
Module Sub	-	33 CK	IJ	43 CK		
First Aid		1				
doc. Jan Pachl	15	15				
Patient's Needs	10	15	-	-		
Mgr. Monika Trčková	10	20				
Basics of Nursing	10	20	-	-		
PhDr. Marie Zvoníčková				30		
Basic Humanities (Philosophy, Sociology)	-	-	-			
PhDr. Vladimír Špalek			15	15		
Separated Courses	-	-	IJ	15		
Medical Terminology – Latin doc. Jana Přívratská		30 CR E				
-	-	JU UKE	_			
Czech Language doc. Jana Přívratská	_	45 CR	_	45 CR		
Physical Training	_	43 01		43 01		
PaedDr. Bohumil Hněvkovský, as. Bohuslav Příhoda	_	30 CR	_	30 CR		
Winter Training Course						
PaedDr. Bohumil Hněvkovský, as. Bohuslav Příhoda	8 days	CR		-		
Summer Training Course		-				
PaedDr. Bohumil Hněvkovský, as. Bohuslav Příhoda			8 days	CR		

Notice: **CR** = credit, **E** = exam

# YEAR II.

Module / Courses	Semester – hours (total number )					
Lecturer		Wir	n <b>ter</b> pract./sem	Sum	-	
				lect./integr.	pract./sem.	
		conference		conference	dissection	
	er of hours: 34	48		I		
STRUCTURE AND FUNCTION OF HUM	AN BODY		<b>_</b>	05	. –	
prof. Richard Rokyta			R	CF	(E	
	Cour	ses				
5. Circulatory and Immunity System		00/40	00/2			
prof. Richard Jelínek		26/16	29/3			
6. Endocrine System prof. Richard Jelínek		26/16	18/3			
7. Nervous System and Regulation of Moto	r Eurotion	20/10	10/3			
prof. Richard Rokyta				48/16	39/6/45	
8. Sensory Organs				40/10	33/0/43	
prof. Richard Rokyta				16/16	22/3/-	
Module IA total number of hours			pract./		total	
year ll	lectures	conference	semin.	dissection	number	
Anatomy	46	16	33	45	140	
Histology	12	16	15		43	
Physiology	46	16	<u>^</u>			
			60		122	
Biochemistry	12	16	15		122 43	
				dissection		
Biochemistry	12	16	15 pract./	dissection	43 total	
Biochemistry Module IA total number of hours: 694	12	16	15 pract./	dissection 88	43 total	
Biochemistry Module IA total number of hours: 694 Anatomy prof. Josef Stingl Histology	12 lectures 82	16     conference     32	15 pract./ semin. 69		43 total number 271	
Biochemistry Module IA total number of hours: 694 Anatomy prof. Josef Stingl Histology prof. Richard Jelínek	12 lectures	16 conference	15 pract./ semin.		43 total number	
Biochemistry Module IA total number of hours: 694 Anatomy prof. Josef Stingl Histology prof. Richard Jelínek Physiology	12 lectures 82 22	16           conference           32           32	15 pract./ semin. 69 33		43 total number 271 87	
Biochemistry Module IA total number of hours: 694 Anatomy prof. Josef Stingl Histology prof. Richard Jelínek Physiology prof. Richard Rokyta	12 lectures 82	16     conference     32	15 pract./ semin. 69		43 total number 271	
Biochemistry Module IA total number of hours: 694 Anatomy prof. Josef Stingl Histology prof. Richard Jelínek Physiology	12 lectures 82 22	16           conference           32           32	15 pract./ semin. 69 33		43 total number 271 87	

Module ID Total number of hours: 12	20			
NEEDS OF THE PATIENT				
doc. Jiří Šimek	15	45 CR	15	45 CR E
Module Sub	o-Courses			
Basics Humanities (Philosophy, Sociology)				
PhDr. Vladimír Špalek	15	15	_	-
Basics Humanities (Psychology)				
doc. Jiří Kožený	_	-	15	15
Needs of the Patient				
doc. Jiří Šimek				30
Basics of Nursing				
PhDr. Marie Zvoníčková		30		30
Summer practice in nursing *				
Mgr. Monika Trčková			3 weeks (	(120h) CR

\* Summer recess pracitice in nursing can be carried out either in the 2<sup>nd</sup> or 3<sup>rd</sup> year. Notice: **CR** = credit, **E** = exam

Module / Courses	Semester – hours (total number)				
Lecturer	Win	ter	Su	mmer	
	lect./integr.	pract./sem.	lect./integr.	pract./sem.	
	conference		conference	dissection	
Modul IE Total number of hours:	65				
METHODOLOGY					
doc. Jiří Kožený	-	65 CR E	-	-	
Module St	ub-Courses				
Basic Scientific Methodology					
doc. Jiří Kožený	_	15	_	_	
Biostatistic					
RNDr. Bohumír Procházka	_	20	_	_	
Epidemiology					
MUDr. Alexander M. Čelko	_	15	_	_	
Hazard Identification and Health Risk, Assessment					
and Management					
prof. Miroslav Cikrt	_	15	_	-	
Separated Courses					
Physical Training					
PaedDr. Bohumil Hněvkovský, Bohuslav Příhoda	–	30 CR	-	30 CR	
Czech Language					
doc. Jana Přívratská	_	60	_	60 E	

Notice: **CR** = credit, **E** = exam

# **CYCLE II. – PRINCIPLES OF CLINICAL MEDICINE**

YEAR III

Module /Course		emester – ho		
Lecturer		nter		mmer
	lecture	pract./sem	lecture	pract./sem
Module IIA Total number of hours:	321			
THEORETICAL FOUNDATIONS OF CLINICAL MEDICINE				
doc. Vlasta Rychterová	150	171 CR E	-	-
Module Sub-C	ourses	1		Γ
General Pathology				
doc. Václav Mandys, doc. Vlasta Rychterová	60	60	-	_
Pathological Physiology				
doc. Jan Mareš	30	45		
Microbiology	20	45		
doc. Marek Bednář	30	45	-	_
Genetics Disorders <i>MUDr. Mari</i> e Če <i>má</i>	15			
	15	_	-	_
General Pharmacology prof. Miloslav Kršiak	15	21		
		21	-	_
Module IIB Total number of hours: CLINICAL PROPEDEUTICS	2/4	1		
doc. Jana Málková		139 CR		135 CR
Module Sub-C	-	139 CK	-	155 CK
Internal Medicine	ourses			
doc. Jana Málková		72	_	_
Surgery		12		
doc. Jaroslava Hrivnáková	_	35	_	_
Neurology				
doc. Valja Kellerová	_	_	_	20
Dermatovenerology				
prof. Petr Arenberger	_	_	_	11
ENT				
MUDr. Azita Gebauerová	_	_	-	15
Ophthalmology				
MUDr. Jara Hornová		_	-	10
Gynaecology				
MUDr. Jiří Popelka	_	_	-	20
Psychiatry and Psychology				
prof. Cyril Höschl		_	-	16
Pediatrics				~-
MUDr. Ludmila Hejcmanová	-	-	-	27
Stomatology				40
doc. Eva Gojišová	-	-	-	16
Pathopsychology of Personality		40		
doc. Karel Balcar	-	16	-	-

Notice: **CR** = credit, **E** = exam

Module /Course		Semester – hours (total number)						
Lecturer		Wii	nter		Summer			
	practice/	+ sem. &	+ sem. &	+lecturers	practice /	+sem. &	+sem. &	+lectures
	seminars	training in	training in	Of Dethelegy	seminars	training in	trainingin	0f Dethelegy/
Medule IIC Total number of	houro.	pharmac.	Pathology	Pathology		pharmac.	Pathology	Pathology
Module IIC Total number of hours: 312								
BASIC CLINICAL PROBLEMS					244 CD	22	10	14
prof. Jiří Horák	-	-	-	-	246 CR	33	19	14
_	IV	Iodule Sul	b-Courses	<b>)</b>		1	1	
Fever								
doc. Marek Bednář, MUDr. Jiří Beneš	-	-	-	-	80	10	-	-
Pain								
RNDr. Anna Yamamotová,								
prof. Richard Rokyta	_	_	_	_	22	8	-	_
Disorders of Renal Function and Edemas								
MUDr. Miroslava Horáčková	_	-	-	-	42	6	5	_
Bleeding								
doc. Milan Kment	-	-	-	-	25	1	4	4
Endocrine & Metabolic Diseases								
MUDr. Pavel Kraml, prof. Michal Anděl	-	-	-	-	55	6	4	4
Locomotion Disorders								
doc. Jan Bartoníček		-	-	-	22	2	6	6

Module /Course	Se	mester – hour	rs (total number)	
Lecturer	Wi	nter	Sun	nmer
	lecture	pract./sem.	lecture	pract./sem.
Module IID Total number of hours: 60				-
COMPULSORY OPTIONAL COURSES* doc. Hana Provazníková or STUDENT RESEARCH ACTIVITY** prof. Richard Jelínek		CR 6	0 CR	
Separated Courses				
Czech Language – Communication with Patients doc. Jana Přívratská	_	30 CR	_	30 CR E
Physical Training PaedDr. Bohumil Hněvkovský, Bohuslav Příhoda	_	30 CR	_	30 CR
Summer practice in nursing *** Mgr. Monika Trčková			3 weeks (	(120hr CR)

\* The student shall sign-up for courses/subject at offered. \*\* The Credit shall be awarded after successful defence of the thesis at the Students Scientific Conference. \*\*\* unless fulfilled in the 2<sup>nd</sup> year

Notice: CR = credit, E = exam

Module /Course	Winter		total no.of	fhours	Summe	er sem. –		
Lecturer	practice/ seminars	sem./ training in pharmac.	sem./ training in Pathol.	lecturers of Pathol.	practice / seminars	sem./ training in pharmac.	sem./ trainingin Pathol.	lectures of Pathol.
Module IIC Total number of hour	s: 927	_	=	_	=	=	-	-
BASIC CLINICAL PROBLEMS								
prof. Jiří Horák	306 CR	42	35	35	450 CRE	14	23	22
	Module	Sub-Cou	irses				1	
Disturbances of the Nervous System doc. Pavel Kalvach	25	7	7	7				
Mental Disorders	20	7	1	Ι	-	_	_	-
MUDr. Ján Praško	80	11	_	_	_	_	_	_
Dyspnoe & Chest Pain	00							
prof. Petr Widimský	90	12	12	12	-	-	_	-
GIT and abdominal complaints								
prof. Jiří Horák	86	11	14	14	_	_	_	-
Cutaneous Changes	05	1	2	0				
prof. Petr Arenberger	25	1	2	2	-	-	-	-
Tumors doc. Josef Kovařík					40	3	12	12
Sensoric Disorders	-	_	_	-	40	5	12	12
doc. Aleš Hahn, MUDr. Drahomíra Baráková	_	_	_	_	58	2	_	_
Failure of Vital Functions						_		
doc. Jan Pachl	-	-	-	-	88	2	-	-
Trauma								
doc. František Vyhnánek	-	-	-	-	58	2	-	-
Disorders of Reproduction & Development of the fetus					(0	2	10	10
doc. Bohuslav Svoboda Disorders of Growth and Development in	-	_	-	-	60	2	10	10
postnatal period								
doc. Jan Lebl	_	_	_	_	60	_	_	_
Aging & Dying					00			
doc. Jiří Šimek	_	-	-	-	56	3	1	-
Disorder of Immunity								
MUDr. Petr Kučera					30			
Pathology *						0.5	. –	
doc. Václav Mandys, doc. Jan Mareš						CR	Ľ	
Pharmacology* prof. Miloslav Kršiak						CR	) C	
Summer Practice in Internal Medicine						CI		
MUDr. Jolana Rambousková					31	weeks (12	0 hours)	CR
Summer Practice Surgery					51		_0 110ur3/	ON
MUDr. Jolana Rambousková					2	weeks (8	0 hours)	CR
Module /Course				Semes	ter – hou			
Lecturer			1	Winter		•	Winter	
Module IID total number	r of hour	s: 90						
COMPULSORY OPTIONAL COURSES**								
doc. Hana Provazníková	or							
STUDENT RESEARCH ACTIVITY***					CR 9	0 CR		
prof. Richard Jelínek								
Optional Courses								
Physical Training								
PaedDr. Bohumil Hněvkovský, as. Bohuslav P	říhoda			30 CR			30 CR	

\* Instruction in pathology and pharmacology is part and parcel of individual courses of module iic. The examination is taken separately. \*\* The student shall sign-up for courses/subject at offered. \*\*\* The Credit shall be awarded after successful defence of the thesis at the Students Scientific Conference.. Notice: CR = credit, E = exam

# **CYCLE III. – CLINICAL PREPARATION**

# <u>YEAR V.</u>

Module /Course	Lecturer	Semester – hours (total numbe		
		Winter	Summer	
		Conferences, seminars,	Conferences, seminars,	
		practical training	practical training	
MODULE OF INTERNAL MEDICINE	Coordinator Prof. Michal Andě			
Internal Medicine (SC)	prof. Michal Anděl			
	prof. Pavel Gregor			
	prof. Jiří Horák, doc. Milan Kment	70 CR	70 CR E	
Clinical Biochemistry (C)*	doc. Petr Čechák		CR	
Radiology & Nuclear Medicine (C)	doc. Jan Šprindrich	30	CR	
MODULE OF SURGERY	Coordinator Doc. Jan Fanta			
Surgery (C)	doc. Jan Fanta		CR	
Orthopaedics (C)	doc. Jan Bartoníček		CR	
Stomatology – Maxilofacial Surgery(C)	doc. Eva Gojišová	12	2 CR	
MODULE OF NEUROBEHAVIORAL	Coordinator Prof. Cyril Hösch	Ī		
PROGRAMME	_		SE	
Neurology (C)	doc. Pavel Kalvach		CR	
Psychiatry (C)	prof. Cyril Höschl	50	CR	
MODULE OF GYNAECOLOGY AND OBSTETRICS	Coordinator Doc. Bohuslav Sv	/oboda		
Gynaecology & Obstetrics (C)	doc. Bohuslav Svoboda	50	CR	
Summer Practice in Gynaecology &	MUDr. Marie Bendová		2 weeks	
Obstetrics (C)			(80 hours) CR	
MODULE OF PEDIATRICS	Coordinator Doc. Jan Lebl			
Paediatrics (C)	doc. Jan Lebl	50	CR	
Clinical Genetics (C)	MUDr. Marie Černá	10	CR	
OTHER SEPARATED COURSES				
Dermatovenerology (SC)	prof. Petr Arenberger	45 CR E		
Emergency Medicine (SC)	doc. Jan Pachl	30 CR E		
Forensic Medicine (SC)	prof. Jiří Štefan	30 CR E		
Infection & Geographic Medicine (SC)	MUDr. Jiří Beneš	50 CR E		
Ophthalmology (SC)	prof. Pavel Kuchynka	50 CR E		
Otorhinolaryngology (SC)	doc. Aleš Hahn	50 CR E		
Summer Practice in Compulsory Field	doc. Monika Kneidlová		2 weeks	
			(80 hours) CR	
DISSERTATION **	prof. Kamil Provazník			

\* The credit in Clinical Biochemistry, which is requisite for Part of Final State Examination in Internal Medicine, can be fulfilled in the 6<sup>th</sup> year.

\*\* Commencing the 5<sup>th</sup> year, students shall select the topic of their dissertation. The dissertation shall be overseen by a supervisor and shall be defended in the 6<sup>th</sup> year as part of the state examination in Preventive Medicine. The dissertation topic focused on prevention can be assigned under any teaching department of the Faculty. All dissertations are administered by the Center of Preventive Medicine.

Notice: C = course, SC = separated course, CR = credit, E = exam, SE = part of Final State Examination

# YEAR VI.

Module /Course	Lecturer	Semester – hou	ırs (total number)
		Winter	Summer
MODULE OF INTERNAL MEDICINE	Coordinator Prof. Michal Anděl		
Internal Medicine*	prof. Michal Anděl prof. Jiří Horák, prof. Petr Widimský	CR, S	E 8 weeks
Clinical Biochemistry (C)	doc. Petr Čechák	20	) CR
MODULE OF SURGERY	Coordinator Doc. Jan Fanta		
Surgery	doc. Jan Fanta, doc. Jan Bartoníček, MUDr. Ludomír Brož, doc. Miroslav Tvrdek	CR, SE	7 weeks
Surgery (MSC)	doc. Jan Fanta		
Orthopaedics (MSC)	doc. Jan Bartoníček		
Urology (MSC)	doc. Michal Urban		
Burns Medicine (MSC)	MUDr. Ludomír Brož		
Plastic Surgery (MSC)	doc. Miroslav Tvrdek		-
Clinical Anatomy (MSC)	prof. Josef Stingl	-	0
MODULE OF GYNAECOLOGY AND OBSTETRICS	Coordinator Doc. Bohuslav Svo	boda	
Gynaecology & Obstetrics	doc. Bohuslav Svoboda	CR, SE	4 weeks
MODULE OF PEDIATRICS	Coordinator Doc. Jan Lebl		
Paediatrics	doc. Jan Lebl	CR, SE	3 weeks
MODULE PREVENTIVE MEDICINE	Coordinator prof. Kamil Provaz	ník	
Preventive Medicine	prof. Kamil Provazník, prof. Jaroslav Lener, prof. Michal Anděl, prof. Miroslav Cikrt	CR, SE	8 weeks
Preventive Medicine and Public Health (MSC)	prof. Kamil Provazník, MUDr. Eva Křížová		
General Hygiene (MSC)	prof. Jaroslav Lener		
Nutrition (MSC)	prof. Michal Anděl		
Occupational Medicine (MSC)	doc. Evžen Hrnčíř		
Sport Medicine (MSC)	MUDr. Vladimír Štich		
Child and Adolescent Health (MSC)	doc.Hana Provazníková		
Epidemiology (MSC)	doc. Bohumír Kříž		
Family Medicineí (MSC)	MUDr. Helena Hovorová		
DISSERTATION – REPETITION	Prof. Kamil Provazník		

\*Before the SRZK part in Internal Medicine, the student must be granted credits in Clinical Biochemistry.

Individual clinics and departments determine where the location of given activities.

Notice: **C** = course, **SC** = separated course, **CR** = credit, **E** = exam, **SE** = part of Final State Examination, **MSC** = Module Sub-courses

# Compulsory Elective Courses - 2001/2002

Num. of EC	Name of the Course (C) Supervisor	Max. num. of students	Day in week	Hours per semester				
WINTEI	WINTER SEMESTER							
List of t	the courses for 3 <sup>rd</sup> year							
5914	DNA diagnostics of human and extra-human genomes – a practical approach - RNDr. E. Žďárský	10	Tue	15				
5915	Community Genetics (A Molecular Genetic Approach) - RNDr. E .Žďárský	4	any	15				
List of t	the courses for 3 <sup>rd</sup> , 4 <sup>th</sup> year							
5916	Genotoxicology( repeated in summer semester) – Doc.I. Bárta	3	Tue	30				
5917	Developmental Toxicology and Teratology - Prof.R. Jelínek, MUDr. L.Heringová	6	Thu	30				
5918	Clinical Genetics and Cytogenetics – RNDr .Z. Polívková	6	any	30				
5919	English Formal Writing – MUDr. D. Grundová (repeated in summer semester)	12	Thu	30				
5920	Endocrinology – Doc. I. Žofková, Dr. Kancheva (repeated in summer semester)	12	Thu, Fri	30				
List of t	the courses for 4 <sup>th</sup> year							
7922	Urgent Procedures in Burn Medicine- Prof.R. Königová	6	Fri	45				
7923	Methods of Nuclear Cardiology in Clinical Practice - MUDr. O. Lang (repeated in summer semester)	3	Wed	15				
7924	Clinical Immunology and Allergy – MUDr. P. Kučera (repeated in summer semester	2-3	Mon Thue	30				
7925	Urooncology – Doc. M. Urban, Dr. Matoušková	2-3	Thu	15				
7926	Rheumatology – Diagnosis and Management of Rheumatic Diseases - Doc. M. Valešová	6	Wed	30				

SUMME	SUMMER SEMESTER							
List of	List of the courses for 3 <sup>rd</sup> and 4 <sup>th</sup> , year							
6928	English Formal Writing – MUDr. D. Grundová (repetition)	12	Thu	30				
6929	Genotoxicology – Doc. I. Bárta (repetition)	3	Thu	30				
6931	New Trend in Molecular Genetic Prenatal Diagnostics - RNDr. E. Žďárský	4	any	15				
6932	Endocrinology – Doc. I. Žofková, Dr. Kancheva (repetition)	12	Thu, Fri	30				
List of	the courses for 4 <sup>th</sup> year							
8933	Dental Implantology – MUDr. E. Gojišová, MUDr.F. Urban	4	Mon	15				
8934	Methods of nuclear cardiology in clinical practice - MUDr. O. Lang (repetition)	3	Wed	15				
8935	Rheumatology –Diagnosis and Management of Rheumatic Diseases – Doc.M. Valešová (repetition)	6	Wed	30				
8936	Urgent Pocedures in Burn Medicine- Prof. R. Königová	6	Fri	45				
8937	Basic course of radiological interpretation – Doc. J. Šprindrich	15	Thu	15				
8938	Communication Skills with Patients – Doc. J. Málková 1 <sup>st</sup> –8 <sup>th</sup> week	2	Tue	15				
8939	Communication Skills with Patients – Doc. J. Málková 9th – 15th week	2	Tue	15				
8940	Endourology – Doc.M. Urban	2-3	Thu	15				
8941	Clinical Immunology and Allergy – MUDr.P. Kučera (repetition)	2-9	Mon	30				

# **Student Scientific Activity**

Num. of SSA			Day in week	Hours per year
List of t	the Student Scientific Activity for 3 <sup>rd</sup> and 4 <sup>th</sup> , year			
5921	Genotoxic effects of mycotoxins and their biological interactions - Doc.I. Bárta	2		60
List of t	the Student Scientific Activity for 4 <sup>rd</sup> and 5 <sup>th</sup> , year			
7927	Secondary Procedures in Cleft Lip and Palate - MUDr. M. Dušková Preference will be based on interview, held at Dpt. of Plastic Surgery, May 30, 2001 at 2'o'clock, 3 <sup>rd</sup> floor	2-4		90

# 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.

- 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**

- 5. 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.
- 6. 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.
- 7. The Faculty issues the student with a Student Identity Card.

### Article 5

#### **Course of Studies**

 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> Faculty of Medicine 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 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.

#### 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

<sup>1)</sup> 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.

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

- 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 exceptionally 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 apply. 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 examination or State Postgraduate Final 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 academic title "magister" awarded the (abbreviated to "Mgr." before the name). Graduates of Doctoral Study programs are awarded the title "Doctor" (abbreviated to "PhD" after the name).

### 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 program as defined by these study 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
    - Article 5, Sec. 7 iii)
    - iv)
    - V)
    - Article 7, Sec. 3 Article 9, Sec. 4 Article 11, Sec. 6 vi)
    - Article 11, Sec. 7 vii)
  - 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.

<sup>2)</sup> The Study Department provides the materials for this decision.

### 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

3<sup>rd</sup> Faculty of Medicine Study and Examination Regulations *Regulations Valid from the 24<sup>th</sup> of September 1999* 

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**

- 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.

3) 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 KRÁLOVSKÉ VINOHRADY,

FACULTY HOSPITAL BULOVKA,

STATE INSTITUTE OF HEALTH,

PSYCHIATRIC CENTER PRAGUE

HOMOLKA MEDICAL CENTER

INSTITUTE OF MOTHER AND CHILD CARE IN PRAGUE - PODOLÍ

# 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 university 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 Chrisitanity 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 interpretation 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 electorphysiology 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 problems. 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 Syllaba*, 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 Malformace, Kahler's or Pick's Disease, Schlof–Fer's Tumour, Elschnig's Pearls, Breisky and Knaus' Method, Gussenbauer's Clipper, Hasner's Operation, Schauty, Steinach's Operation, will possibly read about Richard von Zeynek's diatermal 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. Salda, 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 15th 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 17th 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 Závišek* and *Václav Dolejšek*, zoologist *Jaroslav Štorkán*, 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 Pilzen) 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 Englis. 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 o Hygiene. The first deans of these faculties were respectively: František Blažek, Josef Houštěk, 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 expurgations, repressions, subsequent 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 demagogy, 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 agesproven 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 17th, 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 Faculty of Medicine 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 Çzechoslovak 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. Petráň
- Doc. MUDr. V. Petráň, 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.

The conditions for study and scientific work has improved with the opening of the newly constructed 6<sup>th</sup> floor of the main faculty building in May 2000. The Centre of Biomedical Disciplines and Department of Nutrition with its library are based there. There are further laboratories, classrooms and a students' room with 20 computers.

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 3rd 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 650th anniversary of the foundation of Charles University, we suggested that another Nobel Prize world-wide known winner. neurophysiologist. Professor Huxley from Great Britain, be also awarded a honorary 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 3<sup>rd</sup> Faculty of Medicine initiated the move to award *honoris causa* Doctor of Medicine titles to the important Munich dermatologist Prof.Gerd Plewig, founder of the UK Kreissl-von Coudenhove Foundation, and to Prof. Robert B.Tattersall from Nottingham, discoverer of a special diabetes mellitus tyme called "MODY". In 2000, the Faulty suggested that the director of the National Science Foundation of the United States, Prof.Rita Colwell, be awarded a golden medal of Charles University for her scientific activities in the field of microbilology and her support of Czech researchers.

As part of the huge project called Prague-European City of Culture 2000, anatomy expert MUDr.P.Čech spurred the faculty to place plaques of honor in memory of the Nobel Prize in Medicine winners Mr.and Mrs. Cories to their birthplace houses in Salmovska and Petrska streets in Prague.

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.

The instruction and training of the 3<sup>rd</sup> Faculty of Medicine takes place mainly in the Faculty Hospital Complex Kralovske Vinohrady in Prague 10 and the nearby State Medical Center. Pregraduate and post-graduate students of medicine as well as Bc.students also attend lectures and seminars at the Psychiatric Center in Bulovka Hospital and - from the March 27<sup>th</sup>, 2001 when a contract on cooperation was concluded with the Homolka Medical Center and the Institut of Mother and Child Care in Prague-Podoli - the instruction also takes place at these two locations.

# 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 dissector, 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 straights financially thanks to its perpetual overflow of patients. This led to its being handed over into public service. Renamed 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.

# Bulovka Faculty Hospital

http://www.fnb.cz

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 Hospital, Bulovka, Bohnice Psychiatric Center). on August 8th 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.

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. Emerich Polák worked in the hospital too, along with the famous ophthalmologist Prof. Josef Janků (M. Jankumi), and the internists Prof. Jiří Syllaba an 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 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. Skládal, MD, Prof. Jedlička, etc.)

The second half of the 1930s marked another enlargement of the hospital. New Radiological and Dermatovenerological 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.

# 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 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-andresearch 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

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

Gynaecology 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).

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
   (based: Dref MUDr M, Cilutt, DrCa)
- (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
- 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–a–vis the environment, a nation–wide project of studying the impact of harmful particles on human health.

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:

 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

# 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 Freund, who made great achievements and contributions in the field of sexual disorders, worked in Toronto, died on the 23rd October 1996; PhDr. Jaroslav Madlafousek, pupil of Prof. K. Freund, who achieved recognition in the sphere of non-verbal communication; PhDr. Michael Zantovský, 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 Engelsmann, 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.

# Homolka Medical Center

http://www.homolka.cz/

HOMOLKA was opened July 15, 1989, as an elite institution for high-ranking communist officials. 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

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: Doc. F. Sťastný)
- Biochemistry (head: RNDr. D. Řípová)
- Family Research (head: Prof. Z. Dytrych)
- Research Lab for Dependencies (head: Dr. L. Csemy)
- Clinical Psychopharmacology (vacant)
- Psychometrics (head: Prof. J. Kožený)
- Dependency Research Lab (head: PhDr. L. Kubička)
- Psychiatric Demography (head: Dr. E. Dragomirecká)
- PCP Clinical Section (head: MUDr.D. Seifertová)
- EEG Department and Laboratory (head: Prof. Miloš Matoušek)
- Information Department (Ing. M. Prokeš)
- 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*.

official name used to be State Institute of National Health ("Sanopz", acronym in Czech) and it more or

less stood for an exclusive sanatorium with berth facilities and conservative medical background, in particular in the areas of internal medicine, cardiology and neurology, including an extensive health center with broad rehabilitation amenities.

After November 1989, the entire Center was renamed Homolka Medical Center and opened for Czech general public with an eye to practicing two specialized fields of medicine here - the diseases of the heart and veins, and the diseases of the nerve system.

1990 – 1996 had the Center rebuilt and functionally changed while being equipped with requisite technical apparatuses, material, and above all medical experts - specialists, nurses, technicians and other medical personnel. During this time, the general specifications and specialized profile of the Center was being created. This is today represented by three clinical programs.

**Neurologic–Neurosurgical Program** offers complex diagnostics, conservative and, above all, surgical treatment to patients with ill, malfunctioning or injured nerve system. It also include the treatment of locomotory functions.

**Cardiovascular Program** ensures complex diagnostics and conservative treatment of the diseases of cardiovascular system and, in particular, surgical treatment of vascular diseases - primarily the

narrowing or clotting of arteries as a result of aterosclerotic changes in organism - including radiological intervention methods.

**General Medicare Program** incorporates medical care focus on the area of internal medicine and general surgery with some specialized applications in the field of gynecology, orthopaedics and urology. Services of general focus boast support of a large medical center of over sixty specialized surgeries/offices complemented by a laboratory.

Laboratory complementing the medical center contains radiodiagnostics department, department of nuclear medicine, department of clinical biochemistry, hematology and immunology, department of clinical microbiology, department of pathology and central sterilization and hygiene unit. Since Fall 1999, the Nuclear Medicine Department is complemented by Positron Emission Tomograf (PET), which offers monitoring and evaluation of metabolic activity of the cells of human organism.

Homolka Center hospitalizes 330 patients today (instead of the original capacity of 190), 10 operating theatres (instead of the original 3), employs 1 370 employees - 201 doctors of medicine, and 680 nurses. Annualy, it hospitalizes over 14 000, out of which ca. 11 000 are operated, and it offers over 670 000 medical examinations. Average treatment period is 7 days.

# Institute of Mother and Child Care in Praha - Podolí

http://www.upmd.cz

In 1909 an outstanding Czech surgeon and X-ray specialist Prof. Rudolf Jedlicka made up his mind to lay the foundations of a representative Czech medical center which would provide safe haven for foremost Czech medical experts in nearly all medical fields with perhaps one sole exception of psychiatry. This medical center was modeled on similar state-of-the-art European institutes. The final realization of this project was consigned to Prof. Rud. Krizenecky while Prof.Jedlicka remained behind the whole project as its author and manager. The whole building complex of the medical center under Vysehrad was build in less than four years and was opened for public on June 28<sup>th</sup>, 1914.

During World War I, a part of the medical center was handed over to the Red Cross and became a temporary military hospital. During World War II, the entire medical center was confiscated and transformed into a war hospital for the SS troops. In the course of Prague uprising in May 1945 the building was damaged by heavy artillery, nonetheless it served as a repatriation hospital for TB suffering inmates liberated from Nazi concentration camps.

The Government Act of December 20<sup>th</sup>, 1946, the Prague medical center was expropriated and nationalized. The Ministry of Education and

Enlightment, which had appropriated the building, decided that the building be reconstructed and made into a modern clinic which would take care of motherand-child health. January 23<sup>rd</sup>, 1948, the same Ministry issued a regulation assigning the building to the 3<sup>rd</sup> Obstetrics and Gyneacology Clinic headed by Prof. Jiří Trapl and the Clinic of Nursing, founded by Prof. Josef Švejcar and Prof. Jiří Blecha with the management being presided by doc. Kamil Kubát.

As if by placing the two clinics under one roof (which was inspired by their common goals and fields of interest) a new development was foregrounded - the development characterized by a new attitude to the mother-and-child care. The Nursing Clinic was to focus on the basics of child caretaking and nursing. Here, the first steps were taken towards greater cooperation between the paediatrician and the labor surgeon in neonatal period. It was also here that the demand was made to extend this cooperation on to prenatal period in the organizational, clinical and research areas.

Nonetheless, the institute did not suffice, because questions of grave import with national magnitude and consequence - not only optimal repreoduction of the population but also the quality of population - had to be solved in a complex, systematic and planned manner, with perspective and on solid scientific ground. March 1<sup>st</sup> 1951, the current university clinics stopped being a part of the State Faculty Hospital and became a resort institute of Ministry of Health headquartered in Prague–Podolí, an organization under direct supervision of the Ministery of Health.

Currently, the Institute of Mother and Child Care (ÚPMD) belongs to the four largest obstetrics clinics in the Czech Republic with over 2500 births a year. ÚPMD is one of the 12 perinatological centers created

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by the Ministery of Health with an eye to concentrate women with serious pathological states in pregnancy, including untimely births. Although ÚPMD gives brith to three times more high-risk babies under 1000 g compared to other clinics in the Czech Republic, the perinatal death rate has been lower than the national average for the past five years.Since 1988, ÚPDM has been cooperating with the World Health Organization for Perinatology.

# DEPARTMENTS, CLINICS, CENTERS AND OTHER AFFILIATED WORKPLACES OF 3<sup>RD</sup> FACULTY OF MEDICINE

# LIST DEPARTMENTS, CENTERS, CLINICS AT 3rd FACULTY OF MEDICINE:

# DEPARTMENTS

- DPT. OF ANATOMY
- DPT. OF BIOCHEMISTRY AND
   PATHOBIOCHEMISTRY
- DPT. OF FOREIGN LANGUAGES
- DPT. OF FORENSIC MEDICINE
- DPT OF MEDICAL BIOPHYSICS
- DPT. OF MEDICAL ETHICS
- DPT. OF MICROBIOLOGY
- DPT. OF NORMAL, PATHOLOGICAL AND CLINICAL PHYSIOLOGY
- DPT. OF PATHOLOGY
- DPT. OF PHARMACOLOGY
- DPT. OF PHYSICAL EDUCATION

# **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

# **PSYCHIATRIC CENTER PRAGUE**

- PSYCHIATRY CLINICS
- DIVISION OF MEDICAL PSYCHOLOGY

# **DEPARTMENT OF SURGICAL SUBJECTS**

- CLINICAL DPT. OF ANESTHESIOLOGY AND RESUSCITATION
- CLINICAL DPT. OF BURNS MEDICINE

- CLINICAL DPT. OF PLASTIC SURGERY
- CLINICAL DPT. OF SURGERY
- CLINICAL DPT. OF UROLOGY
- CLINICAL ORTHOPEDICS TRAUMATOLOGICAL DPT.
- NEUROSURGERY DPT. OF THE FACULTY HOSPITAL
- CARDIOSURGERY DPT. OF THE FACULTY HOSPITAL

# **DEPARTMENT OF INTERNAL MEDICAL SUBJECTS**

- 1ST CLINICAL DPT. OF INTERNAL MEDICINE
- 2<sup>ND</sup> CLINICAL DPT. OF INTERNAL MEDICINE
- 3rd. CLINICAL DPT. OF INTERNAL MEDICINE -CARDIOLOGY (UNDER CONSTRUCTION)
- CLINICAL DPT. OF PNEUMOLOGY
   AND THORACIC SURGERY
- CLINICAL DPT. OF INFECTIOUS DISEASES
- DPT. OF CLINICAL HEMATOLOGY OF THE FACULTY HOSPITAL
- DPT. OF GEOGRAPHICAL MEDICINE OF THE FACULTY HOSPITAL

# AFFILIATED WORKPLACES:

- DPT. OF INTERNAL MEDICINE
   AT HOMOLKA MEDICAL CENTER
- DPT. OF CARDIOLOGY AT HOMOLKA MEDICAL CENTER

# DEPARTMENT OF GYNAECOLOGY AND OBSTETRICS

 CLINICAL DPT. OF GYNAECOLOGY AND OBSTETRICS

# AFFILIATED WORKPLACE:

 INSTITUTE OF MOTHER AND CHILD CARE IN PRAGUE PODOLI

# **CLINICAL DEPARTMENTS**

- DPT. OF DERMATOVENEROLOGY
- DPT. OF CHILDREN AND ADOLESCENTS
- DPT. OF NEUROLOGY
- DPT. OF NUCLEAR MEDICINE UNDER CONSTRUCTION MERGER WITH THE DPT. OF MEDICAL BIOPHYSICS
- DPT. OF OPHTHALMOLOGY
- DPT. OF OTORHINOLARYNGOLOGY
- DPT. OF RADIOLOGY
- DPT. OF RADIOTHERAPY AND ONCOLOGY
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Helena Volmuthová	– Monday – Friday	6.30 – 15.00 h	door num. 237
Division of Science & F	Research – Post–Graduate Stu	dies	
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	
5	– Thursday	13.00 – 15.00 h,	door num. 231
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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		
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### **INDEX**

Α	
Adámek, T	63
Adamková, B	
Adámková, V	
Adamová, E	
Alinčová, B4, 5, 7, 27,	84
Al–Taji, E	
Alušíková, M 5,	
Ambruš, M	
Anděl, M3, 4, 5, 7, 8, 9, 69, 74,	
Arenberger, P6,	
Arlt, F	
Arnošt z Pardubic	.47
В	
	77
Babáková, E	
Bábíček, M.	
Báča, V	
Badalová, J	
Baitler, T	
Bakalár, B	
Bala, J	
Balcar, K	
Baltazar, M.	
Baráková, D	
Bareš, M	
Bartáková, H.	
Bartoníček, J	
Bartoš, A	
Bártová, J.	
Baštecký, J	
Baumruk, J	
Bednář, F.	
Bednář, M 6,	
Bejšovcová, V	
Bělehrádek, J	
Bělinová, J	
Bělohlávek, O	.77
Belsky, V.	
Bendová, E	
Bendová, M	
Beneš, J	
Beneš, P	
Benešová, P	6
Berdych, M.	
Berka, M.	
Bernášková, K.	
Bernat, M.	
Bertrand, M. M 11,	
Besson, J., M.	5

Bílková, A Bláha, F Bláha, J Bláha, V Blahoš, J Blažek, F Blažková, D Boháč, J. K Bojar, M Bolzano, B Bouček, B Brauner, B Breisky, A	50 71 63 64 50 77 48 54 48 50 49
Brejšková, A	64
Brigant, A	
Brož, J	74
Brož, L	
Brunovský, M.	
Buděšínský, T	
Budková, K	
Burešová, H.	
Burešová, I	
Burian, F 49, 50,	51, 53
С	
Čábelková, Z	
Čakrtová, M	
Čančík, J	
Čáp, F	
Čech, O	
Çech, P	02

Čechák, P..... 62 Čejková, P..... 66 Čermák, J. N. ..... 48 Čermáková, I..... 62 Černá, Ma. ..... 66 Černá, Mi...... 69 Černíková, M.....73 Čeřovská, E. ..... 76 Červená, K. ..... 70 Červenková, M. ..... 65 Červenková, Z. ..... 70 Charles IV......47 Chiari, H..... 49 Chlanová, J. ..... 14 Chobotová, V. ..... 14 Chocholatá, D. ..... 83 Cieslarová, B.....73, 85 Čihák, J..... 75 Cikrt, M. .....5, 54, 68

Čimburová, M. ..... 68

Claussen, C. F.	
Čoček, A.	
Colwell, R.R.	
Colwell, R.R.	
Condrau	52
Cori, C. F	
Csemy, L.	55
Cucová, L	
П	

0	
Daněček, V	. 63
Daniel, J	
Dáňová, J7, 68	
Denemark, L.	
Dichev, D. J.	
Dlouhý, P	
Dobřenský, J	
Dohnalová, M	
Dolejšek, V.	
Doležal, T	
Doležalová, M	, 84
Doubková, A6, 7,	
Douša, P	. 72
Dragomirecká, E	. 55
Drahotová, E	
Drastíková, L	. 62
Drozdová, R	. 63
Ducháč, V	. 72
Durecová, K	. 70
Ďurinová, L	6
Duška, F67	, 74
Dušková, L	. 67
Dušková, M	
Dvořák, A13,	, 14
Dvořák, J	. 74
Dvořáková, L	
Dvořánková, B	. 71
Dytrych, Z	
Džupa, V6,	, 72
Džupová, O	. 75
E	
Eccles, J	52
Einstein, A Eiselt	
El-Masri, A.	
Engelsmann, F	
Engliš, K	. JU
F	
Fabiánová, K	. 64
Falkmer, S.	
Faltýn, J.	

Fanta, J	72
Fára, M	
Feyereisel, J.	
Fiala, P	
Filip, K.	
Filipcová, L	
Fischer, J.	
Fišer, I	
Fišer, J	63
Fišerová, M	
Fleissigová, M7	, 13, 14
Fojtková, P	76
Folaufová, A	77
Folvarčný, J	67
Forejt, J.	73
Franěk, M	64
František Josef I	53
Freund, K	55
Frič, V	72
Fuksa, P	79

### G

Gebauerová, A	
Gjurič, A	50
Gojišová, E	78
Gregor, P	6, 7, 74
Grešíková, Z	
Grill, R.	72
Grof, P	5, 52, 55
Grof, S	
Grundová, D	
Grusová, M	74

### 

	0 - 11
Hábová, M	
Hahn, A	
Hájek, P	79
Hájek, T	
Hajer, J	
Hájková, A	
Haninec, P	
Hanzlíček, L	
Háša, J	
Hátle, K.	
Havel, I. M.	
Havlíčková, B	-
Havlíčková, M	64
Havlovicová, M	77
Havránek, J.	
Havránková, A	
Havrda, M	
Hejcmanová, L	
Hejnová, J.	
Held, J. T	
Helekalová, E	

Henner, K.         Heráček, J.         Herbenová, A.         Heribanová, A.         Hering, E.         Heringová, L.         Hes, I.         Heydrich, R.         Hiršalová, H.         Hladík, J.         Hlava.         Hnaníček, J.         Hníková, O.         Hohlbaum, J. A.         Holland, W., W.         Honl, I.         Horáčková, M.         Horák, J.         Hořejšová, M.         Horák, J.         Hořejšová, M.         Horák, J.         Hořejšová, M.         Horák, S.         Hronová, J.         Horák, S.         Horák, S.         Horák, S.         Horovová, M.         Horová, J.         Horák, S.         Horová, J.         Horová, J.         Horovová, H.         Hozák, P.         Hrdlička, S.         Hrivnáková, J.         Hrozný, B.         Humhal, K.         Hus, J.         Huxley.         Hyrtl, J.	.72 .68 .49 .67 .54 .63 .49 .75 .65 .63 .49 .75 .53 .73 .72 .65 .63 .73 .73 .72 .65 .63 .73 .73 .72 .65 .66 .74 .53 .69 .69 .70 .47 .69 .69 .70 .47 .52 .69 .69 .70 .47 .52 .69 .69 .70 .47 .52 .20
J Jakobson, R Jandová, J	.71
Janečková, H51, Janků, J51, Janoušková, L.	, 53 . 77
Janovská, D6, 7, Jarešová, J Jaroš, M	. 66 . 73
Jarošová, H4, 7, Jedlička, R Jehlička, D	. 56 . 72
Jelínek, R5, 7, 66, Jelínek, Š	

Jelínková, I	
Jeníček, J	
Jeníček, M	
Jeníčková, J	
Jessenius, J	
Ježková, Í	14
Jirásek, A	
Jirava, D	72
Jirochová, L	75
Jonáková, O	14
Jonáš, V	
Jurčovičová, J	64
Jurikovič, I	74
Jůzová, D	68
V	

#### K

Kábrt, J		75
Kachlík, D		
Kadlec, J.		4
Kadlec, M		
Kaech, D. L.		
Kalous, V.		
Kalvach, P		
Kapounková, Z		
Karlová, D.		
Kašpar, M		65
Kellerová, V		
Kincl, J.		4
Klebs, E		48
Klener, P		
Klepetář, J		
Kletenský, J		71
Klinkosch, J. T		48
Kment, M.		
Kneidlová, M	.6, 7,	69
Knobloch, E		51
Kočová, J		68
Kocur, I		77
Kohen–Raz, R		78
Koldová, L		65
Kolská, M	76,	77
Komárek, L	54,	69
Konfrštová, I		14
Königová, R	.5, 7,	71
Kopeček, M		
Kopřivová, H		62
Kos, J	4	I, 7
Košátko, V	4,6	ò, 7
Kosová, J		
Košťál, R		
Kostka, R		72
Kostrhun, T		
Koťová, M		79
Koubová, A		66

Koukolík, F	5 70
Kovář, J.	
Kovařík, J.	
Kozák, M.	
Kozák, T	
Kožený, J	
Kožnerová, J	
Kraml, P	
Kratochvíl, A	
Kraus, I	
Kraus, J	3
Krbec, M	72
Křikava, K	
Kripner, J.	
Kříž, B.	
Kříženecký, R.	,
Křížová, E	
Kroftová, O.	
Kršiak, M.	
Krsová, D.	
Krupička, J.	
Kubálek, V	
Kubát, K	
Kubecová, M	
Kubíček, J	3
Kubička, L	55
Kubínová, R	54
Kubů, P	12
Kučera, B.	49
Kučera, P.	
Kuchtová, J	
Kuchynka, P	
Kuderová, J	
Kufa, R	
Kulhavý, M	
Kuncová, J	ບິ ຄາ
Kutter, D.	02
Kužela, L.	
Kůželová, V	
Kvasničková, E	
Kvasnicová, V	6, 67, 85
L	
Lahodová, E	с. С
Lang, O	
Langová, M.	
Lásková, Z	
Laufberger, V	
Lebl, J.	
Lonor	60

Lišková, M		
Lomíčková, T		
Lorencová, K63,		
Lukeš, M		72
Lysá, B		76
Μ		
Mačela, I		
Mach, E		49
Machová, H		77
Machuldová, I		63
Madlafousek, J		
Maixnerová, M		
Majerčík, M		
Malcová, H		
Málek, F		
Málek, J		
Málková, J		
Maňáková, E		
Manďáková, Z		
Mandys, V		
Marci, J. M		48
Mareš, J		64
Marhol, P	.67,	85
Marková, H		78
Marounek, J.		
Marx, D		
Masaryk, T. G		
Mašek, L		
Matějčková, E		
Matějčková, P		
Matějovská, I		
Maternová, K		
Matoušek, M		
Mattušová, E		
Medová, E		
Meixner		
Mertl, L		
Messanyová, M		63
Michalíková, H		76
Miczek, K., A		5
Mízner, P		
Mohr, M		
Mohr, P		
Monod, H		
Moore, A		
Moravec, V		
Moshé, S., L		
Motlová, L		
Mottl, V		
Müllerová, J		
Musil, J		
Musil, V		
Musilová, A		

Lišková, M	72, 84	Musilová, Š	77
Lomíčková, T		Myslivec, O	65
Lorencová, K	63, 68, 69	Myslivečková, J	64
Lukeš, M	72	N	
Lysá, B		Náprstková, J	65
Μ		Nedvěd, M.	
Mačela I	50	Noiodlá D	

Nejedlá, D	69
Nejedlý, A	71
Nejedlý, Z	49
Němec, B	
Nesvadbová, L	
Neubauer, Z.	
Neumannová, S	
Niederle, P	75
Nová, L	
Novák, J	74
Novák, L	
Nováková, D	
Nováková, H	
Nováková, J	
Nováková, O	62
Novota, P	66
Novotná, H	
Novotná, I	

Obstová, I	
Opletal, J	
Osmančík, P	74
Ošťádal, B	
Otruba, Ĺ	
D	

0

Pachl, J	71
Pacovský, V	73
Palach, J.	
Palčová, A	
Palouš, R	
Palyzová, D	
Panoš, J	
Pařízková, Z	
Páta, J	
Patočka, J	
Patočková, J	
Paul, T	
Pavlíčková, M	
Pazdírek, P	
Pechová, J	
Pehrizyan, A	
Pekař, J	
Pelnář, J	
Pěnička, M	
Perlín, C	
Pešková, M	
1 001010, 111.	

Plecitá, M.       14         Plewig, G.       52         Poch, J.       72         Počta, J.       71         Pohanka, M.       62         Pokorný, J.       77         Pokorný, R.       76         Polák, E.       50, 51, 53         Polášek, J.       65         Polášek, R.       73         Polívková, Z.       67, 85         Pometlová, M.       64         Popelka, J.       76         Popelka, J.       76         Popelka, J.       77         Potočková, Z.       67, 85         Pometlová, M.       64         Popelka, J.       74         Praško-Pavlov, J.       70         Presl, J. S.       48         Příhoda, B.       65         Přívratská, J.       62         Procházka, J.       48         Procházka, J.       54         Procházka, J.       54         Procházka, J.       72         Prokopičová, M.       62         Provazník, K.       57         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       57	Petráček, J. Petráň, V. Petříčková, J. Petřík, F. Pipka, M. Piťha, J.	. 51 . 65 . 74 . 76
Poch, J		
Počta, J		
Pohanka, M.       62         Pokorný, J.       77         Pokorný, R.       76         Polák, E.       50, 51, 53         Polášek, J.       65         Polášek, R.       73         Polívková, Z.       67, 85         Pometlová, M.       64         Popelka, J.       76         Popelka, J.       76         Popper, K. R.       52         Potočková, J.       74         Praško–Pavlov, J.       70         Presl, J. S.       48         Příhoda, B.       65         Přívratská, J.       62         Procházka, J.       48         Procházka, J.       54         Procházka, J.       54         Procházka, J.       55         Prokeš, M.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       5, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Puřková, I.       66         Půtová, I.       6		
Pokorný, J.       77         Pokorný, R.       76         Polák, E.       50, 51, 53         Polášek, J.       65         Polášek, R.       73         Polívková, Z.       67, 85         Pometlová, M.       64         Popelka, J.       76         Popelka, J.       76         Popper, K. R.       52         Potočková, J.       74         Praško–Pavlov, J.       70         Presl, J. S.       48         Příhoda, B.       65         Přívratská, J.       62         Procháska, J.       48         Procházka, B.       68         Procházka, J.       54         Procházka, J.       54         Procházka, J.       72         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazníková, H.       6, 7, 11, 68         Průcha, M.       78         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78		
Pokorný, R		
Polák, É.       50, 51, 53         Polášek, J.       65         Polášek, R.       73         Polívková, Z.       67, 85         Pometlová, M.       64         Popelka, J.       76         Popper, K. R.       52         Potočková, J.       74         Praško–Pavlov, J.       70         Presl, J. S.       48         Příhoda, B.       65         Přívratská, J.       62         Procházka, B.       68         Procházka, J.       54         Procházka, J.       54         Procházka, J.       55         Prokeš, M.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       57, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Purkyně, J. E.       48         Půtová, I.       66		
Polášek, J.       65         Polášek, R.       73         Polívková, Z.       67, 85         Pometlová, M.       64         Popelka, J.       76         Popper, K. R.       52         Potočková, J.       74         Praško–Pavlov, J.       70         Presl, J. S.       48         Příhoda, B.       65         Přívratská, J.       62         Procháska, J.       48         Procházka, B.       68         Procházka, J.       54         Procházka, J.       54         Procházka, J.       54         Procházka, J.       72         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazníková, H.       6, 7, 11, 68         Průcha, M.       78         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Puthová, J.       78         Puthová, J.       78         Puthová, J.       78 <td></td> <td></td>		
Polášek, R.       73         Polívková, Z.       67, 85         Pometlová, M.       64         Popelka, J.       76         Popper, K. R.       52         Potočková, J.       74         Praško–Pavlov, J.       70         Presl, J. S.       48         Příhoda, B.       65         Přívratská, J.       62         Procháska, J.       48         Procházka, B.       68         Procházka, J.       54         Procházka, J.       54         Procházka, J.       54         Procházka, J.       72         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       57, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Puthová, Š.       77         Punkyně, J. E.       48         Půtová, I.       66	Polak, E	, 53
Polívková, Z		
Pometlová, M.       64         Popelka, J.       76         Popper, K. R.       52         Potočková, J.       74         Praško–Pavlov, J.       70         Presl, J. S.       48         Příhoda, B.       65         Přívratská, J.       62         Procháska, J.       48         Procházka, B.       68         Procházka, J.       54         Procházka, J.       54         Procházka, J.       54         Procházka, J.       53         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       57, 754, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Purkyně, J. E.       48         Půtová, I.       66	•	
Popelka, J		
Popper, K. R.       52         Potočková, J.       74         Praško–Pavlov, J.       70         Presl, J. S.       48         Příhoda, B.       65         Přívratská, J.       62         Procháska, J.       48         Procházka, B.       68         Procházka, J.       54         Procházka, J.       53         Prokeš, M.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       5, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Putkyně, J. E.       48         Půtová, I.       66		
Potočková, J		
Praško–Pavlov, J.       70         Presl, J. S.       48         Příhoda, B.       65         Přívratská, J.       62         Procháska, J.       48         Procházka, B.       68         Procházka, J.       54         Procházka, J.       53         Prokeš, M.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       5, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Putkyně, J. E.       48         Půtová, I.       66		
Presl, J. S.       48         Příhoda, B.       65         Přívratská, J.       62         Procháska, J.       48         Procházka, B.       68         Procházka, J.       54         Procházka, J.       53         Prokeš, M.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       5, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       63         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Putkyně, J. E.       48         Půtová, I.       66		
Příhoda, B.       65         Přívratská, J.       62         Procháska, J.       48         Procházka, B.       68         Procházka, J.       54         Procházka, J.       54         Procházka, J.       54         Procházka, J.       53         Prokeš, M.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       5, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       63         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Purkyně, J. E.       48         Půtová, I.       66		
Přívratská, J.       62         Procháska, J.       48         Procházka, B.       68         Procházka, J.       54         Procházka, J.       53         Prokeš, M.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       5, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Putkyně, J. E.       48         Půtová, I.       66	•	
Procháska, J.       48         Procházka, B.       68         Procházka, J.       54         Procházka, L. P.       53         Prokeš, M.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       5, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Putkyně, J. E.       48         Půtová, I.       66		
Procházka, B.       68         Procházka, J.       54         Procházka, L. P.       53         Prokeš, M.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       5, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       63         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Purkyně, J. E.       48         Půtová, I.       66		
Procházka, J.       54         Procházka, L. P.       53         Prokeš, M.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       5, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       63         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Putkyně, J. E.       48         Půtová, I.       66	-	
Procházka, L. P.       53         Prokeš, M.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       5, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       63         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Putkyně, J. E.       48         Půtová, I.       66	-	
Prokeš, M.       55         Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       5, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       63         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Putkyně, J. E.       48         Půtová, I.       66		
Prokešová, J.       72         Prokopičová, M.       62         Provazník, K.       5, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       63         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Putkyně, J. E.       48         Půtová, I.       66		
Prokopičová, M.       62         Provazník, K.       5, 7, 54, 68         Provazníková, H.       6, 7, 11, 68         Průcha, M.       63         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Putkyně, J. E.       48         Půtová, I.       66		
Provazník, K5, 7, 54, 68 Provazníková, H6, 7, 11, 68 Průcha, M63 Průcha, M78 Průhová, Š77 Pruner, R76 Pumprlová, A78 Purkyně, J. E48 Půtová, I66		
Provazníková, H6, 7, 11, 68 Průcha, M63 Průcha, M78 Průhová, Š77 Pruner, R76 Pumprlová, A78 Purkyně, J. E48 Půtová, I66	Provazník, K5, 7, 54	, 68
Průcha, M.       63         Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Purkyně, J. E.       48         Půtová, I.       66		
Průcha, M.       78         Průhová, Š.       77         Pruner, R.       76         Pumprlová, A.       78         Purkyně, J. E.       48         Půtová, I.       66	Průcha, M	. 63
Pruner, R		
Pumprlová, A		
Purkyně, J. E		
Půtová, I		
		. 66

Rákosníková, V	
Rambousková, J	
Ramešová, M	4, 84
Raška, I	5
Raška, K	5, 50
Řeháková, H	6
Reiniš, S.	64
Rejlková, V	7, 67
Riedlová, J	62
Riglová, M.	62
Řípová, D	55

Rödl, P	
Rokyta, R	
Rosenauerová, D66	
Rosina, J3, 4, 6, 7, 13, 63, 84	ł
Ruprich, J54	ŀ
Rusina, R64, 77	7
Růžičková, M70	)
Rychlá, D 64	ŀ
Rychlík, I	3
Rychterová, V3, 5, 6, 7, 13, 64, 84	ł

S

#### Šach, J......65 Saláková, L.....7, 63 Samcová, E......3, 7, 13, 67, 84 Šantora, J. .....77 Sartorius, N......5, 70 Schimek, F. .....64 Schindler, J......5, 6, 64 Schmidt, R. ..... 5 Schneidrová, D. .....7, 69 Šebek, J......51 Seichertová, A.....67 Seifertová, D.....55, 70 Sekavová, O......4, 84 Sereš, J......64 Šilhová, E.....62 Šimánková, E.....71 Šimek, J......6, 7, 63 Skála-Rosenbaum, J.....73 Skálová, K. .....65 Sládková, T. .....74 Slavíčková, Š.....71 Slivka, S......79 Šmerák, P.....6, 67 Šmerhovský, Z.....68 Śmíd, M. ..... 5 Sobotková, J.....62 Špaček, M. .....67 Špalek, V. .....63 Španiel, F.....70 Spišáková, S. ..... 12 Šplíchalová, M.....64

Šprindrich, J	78
Štácha, I.	
Stančák, A	
Stanka, P	
Starec, M.	
Stárka, L5	
Šťastný, F55	
Štefan, J6	
Stejskal, D	
Štětina, R.	
Štich, V	
Stingl, J	
Štolbová, K	
Štolbová, V	
Štorkán, J	
Straka, Z.	
Stránská, E	
Stránský, J.	
Stránský, M	
Stříteský, J.	
Strnadel, T.	
Stropnická, V	
Strzondala, W	
Štulík, J	73
Šturma, J	71
Suchánek, S	6
Suljkovičová, H	68
Šuta, D6	
Šváb, L	
Švec, A	
Švehlová, A	
Švejcar, J	
Svoboda, B	
Svoboda, J	
Svoboda, L.	
Svoboda, S.	
Svobodová, J.	
Svobodová, V	
Sýkora, R.	
Syllaba, J 50, 51	52
Syllaba, L.	, 55 ⊿0
	J
<b>- *</b> •	~~

Taltynov, O	66
Tattersall, R.B.	52
Tejkalová, H	6
Thomayer	49
Tikovská, L	76
Tikovský, K	76
Tišanská, L	70
Titlbach, M	67
Toldt, K	48
Tománek, F	53
Tomášková, V	4, 84

Tošnerová, T	63
Toušek, P	74
Trčková, M	63
Trnavský, K	73
Trnka, J	6, 67
Trnková, T	66
Tsevegjav, A	74
Tůmová, E	65
Turek, B	69
Turková, Z	62
Tvrdek, M	6, 71

Uhlířová, L	65
Urban, M	3, 13, 72, 84
Urbanová, D	77
Urbášková, P	64

V

U

Vacek, J	79
Vach, B	72
Vaculín, Š	6, 64
Valešová, M	73
Valová, M	71
Valter, M.	47
Vaníčková, E	69
Vaňková, S	73
Vaňurová, I	70
Vávra, J	73
Velenská, Z	65
Veselá, A	
Veselá, K	74
Videmanová, K.	74

		75
Viechová, J		
Vilém z Lestkova		
Vinař, O		
Vít, M		83
Vít, M		54
Vítek, J		55
Vítek, P		63
Vítová, A	.67,	74
Vladyková, I		
Vlčková, H	4,	27
Vodička, P		
Vogtová, D		
Vojtíšek, O		72
Volavka, J		
Volavka, J. V		55
Voldánová, J		78
Volf, V		76
Volmuthová, H	4,	84
Vonka, V		5
Vopálenská, D		75
Vopálka, V		
Vopěnka, P		
Voráč, D		
Vosáhlo, J		77
Votava, F		76
Votava, M		
Vránková, J		64
Vrtišková, J		
Vydra, J		
Vyhnánek, F		72
Vyšata, O		
•		

W	
Watson, J.	
Wenceslas II	
Widimský, P	
Wilhelm, I Wolfová, E	
VVONOVA, L.	
Yamamotová, A	64
Z	
Zachoval, R	72
Zádorová, Z	74
Žák, P	
Záleský, M	
Zamrazilová, L	
Žantovský, M	
Zaoralová, M.	
Zapletalová, M	
Zatloukal, P	
Závišek, F	
Žbánková, Š	
Žďárský, E	
Zemanová, V Žemličková, H	
Zenáhlíková, M	
Zezuláková, M	
	, <u> </u>

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