

AFFILIATION AGREEMENT FOR CLERKSHIP EDUCATION
BETWEEN

FUND FOR MEDICAL RESEARCH
Development of Infrastructure & Health Services
R a m b a m M e d i c a l C e n t e r

AND

UNIVERSITY OF DEBRECEN, FACULTY OF MEDICINE

THIS AGREEMENT, made by and between THE FUND FOR MEDICAL RESEARCH Development of Infrastructure & Health Services (near) Rambam Medical Center (hereinafter referred to as "**The Fund**"), A non-profit organization near & for Rambam Health Care Campus (hereinafter referred to as "**RHCC**"), A governmental licensed hospital in the State of Israel, located at, **Haifa, P.O.B. 9602, Z.C 31096 – Israel**, and UNIVERSITY OF DEBRECEN MEDICAL AND HEALTH SCIENCE CENTER, 4012 Debrecen, Nagyerdei Krt.98. Hungary (hereinafter referred to as "**The UNIVERSITY**").

The Rambam Health Care Campus is an accredited teaching hospital of the University of Debrecen, Faculty of Medicine (accreditation acknowledged by the Faculty Council, 05/20/2009).

WHEREAS, the UNIVERSITY wishes to have their students enrolled in its CLINICAL CLERKSHIP TRAINING PROGRAM obtain necessary clinical observation and experience with the faculty at RHCC and:

WHEREAS, **the Fund** wishes to provide all obligatory needs for the Project regarding this agreement, by its own means or by means of RHCC,

WHEREAS, THE FUND (by means of RHCC) agrees to provide the UNIVERSITY students, who have completed all required education in basic medical and clinical sciences as per Hungarian and international standards (reviewed by US Department of Education on a regular basis), with facilities at RHCC for clinical observation and experience in clinical field work at RHCC, especially in the areas of INTERNAL MEDICINE, SURGERY, OBSTETRICS and GYNECOLOGY, PEDIATRICS, NEUROLOGY, and PSYCHIATRY for the purpose of providing undergraduate medical education to medical students and,

WHEREAS, both parties recognize that they share mutual goals related to optimum patient care, and excellence of undergraduate medical education; and

WHEREAS, the UNIVERSITY is desirous of utilizing the clinical facilities and teaching resources of RHCC to assist in providing educational experiences for its medical students; and;

WHEREAS, THE FUND (by means of RHCC) is willing to make such clinical facilities, resources available and is desirous of instructing, guiding, and educating these same students.

NOW, THEREFORE, in consideration of the mutual covenants herein contained, and intending to be legally bound hereby, it is agreed as follows:

1. THE FUND agrees to accept medical students of the UNIVERSITY, only with written permission of the University, during the term of this Agreement and to make available to

such students supervised use of its patient related facilities and service, with access to diagnostic and therapeutic regimens of patients and outpatients, to their medical records, and to the medical library, and all diagnostic, therapeutic, in-patient and out-patient areas as part of the UNIVERSITY'S educational programs for such students, with proper disclosure and acceptance by patients concerned.

2. THE FUND agrees that students shall be permitted to rotate through the Departments of Internal Medicine, General Surgery, Pediatrics, and Obstetrics and Gynecology, Neurology, and Psychiatry, and the respective subspecialty Core and Subinternships, and that at all times appropriate supervision by professional staff members will be provided. The protocol for educational programs for students, collectively and individually, in each department shall be developed and implemented in accordance with the UNIVERSITY'S policies for clinical clerkships by the Medical Education Office for Administration in consultation with the UNIVERSITY'S Dean. The duration of each rotation is disclosed in the attached and annually reviewed document (Appendix 1.)
3. THE FUND agrees to provide faculty preceptors, residents, and/or interns acceptable to the UNIVERSITY as student instructors, such instructors, will provide guidance, instruction, and feedback to the students and act as intermediaries between the medical students and the staff. Within two weeks following completion of clerkship rotation by each student, THE FUND agrees to submit to the UNIVERSITY a completed copy of the UNIVERSITY'S Clerkship Evaluation Form (Appendix 2) filled out by the supervising physician and where appropriate countersigned by the Vice President of Medical Education.
4. THE FUND shall insure that all physicians in core subject areas will be either board certified or board eligible.
5. THE FUND represents that it will maintain a minimum daily census adequate to meet the instructional needs of the number of students enrolled in each course area of clinical instruction.
6. THE FUND will make available to the students all on-going educational programs in the hospital.
7. The UNIVERSITY agrees that all of its Medical students placed at RHCC during the term of this Agreement, shall abide by the rules, regulations and policies and procedures of RHCC as they apply to the medical student and that RHCC reserves the right to dismiss any student who does not follow these specific rules of conduct. The UNIVERSITY agrees to immediately remove a student from assignment at RHCC upon the request of THE FUND or RHCC to do so after THE FUND or RHCC has determined that such removal would be in its best interest. When feasible, RHCC will attempt to discuss a particular situation with the appropriate representative of the UNIVERSITY before it will make its official request for removal. RHCC, however, shall have the right at any time to take whatever action it deems necessary, including barring of a student or faculty member from its premises, in order to ensure the safety and welfare of its patients and to maintain the operation of its facilities free from disruption.
8. RHCC shall, as a minimum, make available to each student assigned, access to its Hospital cafeteria facility.
9. THE FUND by means of RHCC agrees to implement its Clinical Education Program in accordance with the UNIVERSITY'S clinical education program. The UNIVERSITY shall plan the assignments and schedule in cooperation with the Education Coordinator/Director of Medical Education for the student program at the HOSPITAL.
10. THE FUND and RHCC understand that as part of the educational program appropriate officials of both the HOSPITAL and the UNIVERSITY will make periodic visits to each other to review the educational program. THE FUND agrees that during such visits persons

involved with the program will be available for consultation and discussion. The students and faculty of the UNIVERSITY who are assigned to the HOSPITAL under this Agreement shall in no event be considered employees or agents of the HOSPITAL.

11. The UNIVERSITY and THE FUND agree that they will not discriminate against any employee, applicant for employment, student or applicant for admission because of race, creed, color, sex, sexual orientation, or place of national origin.
12. Malpractice Insurance is provided by the THE FUND or RHCC, for the medical students, to the amount of \$1,000,000 per incident, subject to an annual aggregate of \$3,000,000, cost to be paid by students.
13. Tuition fee- The UNIVERSITY collects a reduced tuition fee from students participating in the program according to this AGREEMENT. The UNIVERSITY will collect from the students directly in USD/week units. The Tuition fee's rate is 50 USD per week (50 \$/week). The UNIVERSITY will transfer the collected aggregate amount directly to THE FUND in advance.
14. The UNIVERSITY shall assume any and all obligations, if any are imposed by the Workers' Compensation Law of the state of Israel (insofar as a member of the faculty and/or a student may sustain injury or disability by reason of accident or occupational disease arising out of, or in the course of, the activities conducted under this Agreement, the UNIVERSITY shall defend, indemnify and keep, save and hold harmless THE FUND and RHCC, their doctors, officers, employees, agents and independent contractors from any and all liability, loss or damage arising from or in connection with the activities of the UNIVERSITY'S faculty and/or students under this Agreement, including death or damages or loss of property of any nature sustained by the students and faculty of the UNIVERSITY arising out of their activities under this Agreement.
15. The UNIVERSITY will require each student, prior to commencing the rotation to provide proof a complete physical examination which complies with the relevant Israeli Rules and Regulations, including update immunizations. All students will be offered the opportunity to by the UNIVERSITY to be vaccinated with Hepatitis B vaccine. In addition, all students will have completed an infectious disease prevention program prior to said rotation. Upon request, the UNIVERSITY shall make all reports and records relating to the health of the student available at RHCC. All HOSPITAL reports and records relating to the health of students, exclusive of x-ray films and HOSPITAL inpatient and outpatient record, shall be transferred to the UNIVERSITY upon termination of this Agreement.
16. The UNIVERSITY shall have responsibility for the administration of the program, including the curriculum content, the requirement of matriculation, grading, graduation, and faculty appointments.
17. The number of students to be trained at RHCC shall be mutually agreed upon by the UNIVERSITY and THE FUND or RHCC, and reviewed on an annual basis. The administrators of the UNIVERSITY shall receive at the end of each March a preliminary time-table of the training in each subject defined above (point 2.) and the minimum and maximum number of students accepted in each course. The administrators of the UNIVERSITY will coordinate the sign-up of the students based on their academic performance. Students ranking higher will have the opportunity to choose first.
18. THE FUND by means of RHCC shall provide initial emergency medical care for students who are injured or become ill while on rotation during this Agreement; Students shall provide their own personal Health Insurance while on rotation at RHCC.
19. This Agreement shall be effective upon signing by both parties (THE UNIVERSITY and THE FUND) , and shall remain in full force and effect in perpetuity subject, however, to the right of either party to modify or terminate as follows: Either party to this Agreement shall

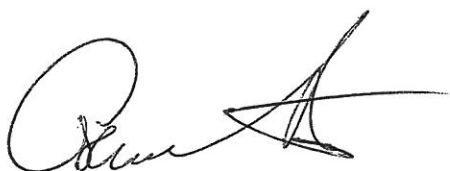
have the absolute right to terminate the Agreement upon six (6) months written notice. Both THE FUND by means of RHCC and the UNIVERSITY shall make its best efforts to ensure that any termination pursuant to this provision shall not take effect with respect to students already enrolled in the Program until such students have completed their clinical experience.

20. This Agreement may not be modified, amended, altered or rescinded orally.

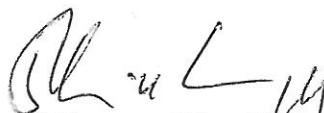
IN WITNESS WHEREOF, the parties hereto have duly executed the Agreement as of the date set forth below:

November 23, 2009.

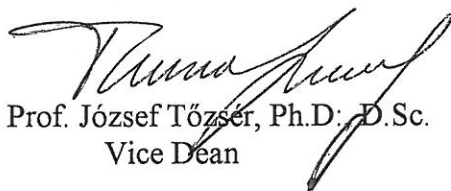
UNIVERSITY DEBRECEN, FACULTY OF MEDICINE, HUNGARY:



Prof. László Csernoch, Ph.D., D.Sc.
Dean



Prof. Csongor Kiss, M.D., Ph.D., D.Sc.
Vice Dean



Prof. József Tózsér, Ph.D., D.Sc.
Vice Dean

FUND FOR MEDICAL RESEARCH, Development of Infrastructure & health Services
(Rambam Medical Center)



Prof. Rafael Beyar, M.D., D.Sc., MPH
Director



Prof. Shimon Reisner, M.D., MHA
Deputy Director

Appendix 1. for Affiliation agreement between RHCC and University of Debrecen

The duration of the clinical rotation year is 35 weeks. The clinical rotation year starts in July or August and ends in June with the State Exam. The following table shows the specific details, i.e. the allocation of the teaching weeks to the subjects:

6th year (clinical rotation year)					
Name of the subject	total duration of the practice	Nr. of Hours	Weekes to be spent at Rambam	Weekes to be spent in Debrecen ("home practice")	Exam in Debrecen
Internal Medicine	10 weeks	300	8	2	Final Exam
Neurology	4 weeks	120	2	2	Final Exam
Pediatrics	7 weeks	150	6	1	Final Exam
Surgery	5 weeks	150	4	1	Final Exam
Obstetrics and Gynecology	5 weeks	150	4	1	Final Exam
Psychiatry	4 weeks	120	3	1	Final Exam

Program of the 6th year's requirements and clerkship in internal medicine

Students are provided with a lecture book in internal medicine at the beginning of their internal medicine studies, i.e. in September of the 5th year, which is to be completed in the final year.

The aim of the 6th year clerkship in internal medicine is to develop skills that meet the requirements of a young general practitioner. The clerkship is going to finish with an end semester-type exam (rigorosum) consisting of a written part (test), a practical part (investigation and evaluation of a patient) and an oral part (four titles).

To meet the requirements of the aim clerkship and that of the exam, the 10 week clerkship can be fulfilled completely in university hospitals or university teaching hospitals only providing tertiary care in the major internal medicine subspecialties: cardiology, endocrinology, gastroenterology, genetics, hematology/oncology, infectology/immunology, intensive care, nephrology, pulmonology/allergology. The ten-week clerkship should be structured as follows:

- 3 weeks cardiology – pulmonology
- 3 weeks endocrinology – diabetology – metabolic diseases
- 3 weeks nephrology – gastroenterology
- 1 week intensive care unit

The students are supposed to work as young resident doctors tutored by an assigned senior internal medicine specialist. The participation in the above practices should be signed by the assigned tutor in the lecture book indicating the activity of the student. The students should provide a written case report from each ward where they have done the practices (altogether four reports) to be evaluated by the tutor. Participation in grand rounds or consultations in cardiology, endocrinology, gastroenterology, hematology/oncology, infectology, intensive care, nephrology, pulmonology and immunology are required. It is extremely important for the student to be able to establish an appropriate relationship with patients and their relatives as well as to display appropriate diagnostic thinking by the end of the clerkship.

Certain practical skills in internal medicine have already been established during the 3-4-5th year internal medicine training of the students. To develop these skills to the level of a graduated general medical doctor, certain specific skills should be achieved as listed in the lecture book of students and are listed below.

History taking (hereto- and autoanamnesis)	C
Physical examination	C
Determination of blood pressure	C
Preparing and assessing outpatient charts	C
Preparing and assessing inpatient files	C
Preparing and assessing inpatient flow darts	C
Routine urinalysis	C
Evaluation of urinary sediment	C
Evaluation of CBC, determination of WBC and PLT by hemocytometry	C
Preparation and evaluation of peripheral blood smears. Assessment of differential count	C
Macroscopic evaluation of the stool	C
Nursing and feeding	C
Obtaining of somatometric factors and indices (body weight, height, BMI)	C
Physical antipyretic techniques	C
Somatomotoric and mental development status	C
Bed-side determination of blood group antigens	C
Red cell transfusion	K
Application of plasma-derived preparations	K
Platelet transfusion	K
ECG analysis	C
ABPM	C
HOLTER monitoring	C
Blood sampling – finger prick and venous blood	C
Analysis of blood gases and acid-base balance	C
Application of intracutaneous, subcutaneous, intramuscular and intravenous injection	C
Establishing i.v. line and application of parenteral infusion	C

Appendix 2 for Affiliation agreement between RHCC and University of Debrecen

Assessment and treatment of dehydration	C
Assessment of hernias	C
Reposition of inguinal and umbilical hernias	C
Bladder catheterization	C
Performing gastric lavage	C
Assessment of electrolyte homeostasis and correction of electrolyte disturbances	C
Application of positive inotropic agents	K
Treatment of asthmatic attacks	K
Treatment of seizures and convulsions	K
Anti-infective treatment	K
Antipyretic treatment	C
Dosages and use of frequently used drugs	K
Dosages and use of life-saving drugs	C
Differential diagnosis of sore throat	K
Differential diagnosis of rashes	K
Differential diagnosis of vomiting	K
Differential diagnosis of diarrhea	K
Differential diagnosis of constipation	K
Differential diagnosis of bleeding disorders	K
Differential diagnosis of anemia	K
Differential diagnosis of jaundice	K
Differential diagnosis of hepatosplenomegaly	K
Differential diagnosis of cyanosis	K
Differential diagnosis of hypertension	K
Differential diagnosis of proteinuria and hematuria	K
Differential diagnosis of hyperglycemic and hypoglycemic coma	C
Evaluation and treatment of the unconscious patient	K
Evaluation and treatment of urinary tract infections	K
Evaluation and treatment of patients with heart murmur and arrhythmias	K
Evaluation of chest X-ray	K
Evaluation and treatment of diabetic ketoacidosis	C
Oral glucose tolerance test	K
Assessment of growth hormone level-performance of dopamine and insulin test	K
Evaluation of frequently used laboratory parameters	K
Complex resuscitation	K
Mechanical ventilation	K
Continuous monitoring of patients treated in intensive care unit	K
Bone marrow aspiration, biopsy. Evaluation of panoptically stained bone marrow smears	A
Central venous line	A
Measurement and evaluation of central venous pressure	A
Cranial ultrasound	A
Abdominal ultrasound	K
Echocardiography	A
Irrigoscopy	A
Cranial CT	A
Urography	A
Radiologic examination of gastrointestinal passage	A
Native abdominal X-ray	K
Panendoscopy	A

A = awareness, C = competence, K = knowledge

Since the medical diploma will be issued by the University of Debrecen, to spend two weeks at the Department of Internal Medicine of the home university is strongly recommended so as to acquire the necessary knowledge in the particularities of internal medicine of the home country of the university, i.e. Hungary.

Completion of Internal Medicine

Name of the student: _____

Starting date: (DD, MM, YYYY)_____

Place of course:_____

Finishing date: (DD, MM, YYYY): _____

Assessment:_____

Comments, suggestions and proposals of assessing doctor(s):

.....

Signature and stamp

Program of the 6th year's requirements and clerkship in surgery

The aim of the course is to ensure that students observe and then, to a certain degree, apply the knowledge acquired to practice, and to have students familiarize themselves with the process of surgical work on ward in a period of time much longer than ever before and to study and carry out ward work. Furthermore, during the course, students are expected to revise practical knowledge acquired before and repeat the activities which they have previously practiced.

Tasks to be performed integrated in the daily schedule (suggested plan):

7:30 am – 7:45 am	Ward Round
7:45 am – 8:00 am	Meeting in the Library (discussion of interesting clinical cases and previous day on-call)
8:00 am – 8:30 am	Ward Work
8:30 am – 2:30 pm	Operating Theatre / ward work
2:30 pm – 3:00 pm	Ward Round
3:00 pm – 3:30 pm	ITO Ward Round

By the end of the term students will understand and will be able to perform the clinical examination and clerking of the patients, will be able to change dressings, administer injections, give infusions and transfusions under the supervision of a doctor.

They will achieve the following in postoperative and intensive care:

- Will have a clear understanding of the principal issues in cardio-pulmonary resuscitation (CPR) and their application in practice using adequate equipment.
- Understand the management of gastrointestinal bleedings
- Understand some aspects of postoperative treatment after major operations (ie. stomach, gall bladder, liver, pancreas and colonic surgery.)

Operating Theatre work

Students will be able to assist in hernia operations, appendectomy, laparoscopic and traditional cholecystectomy, GI and endocrine surgery, varicose vein surgery and haemorrhoidectomy.

If the teaching hospital does not meet the above requirements, the students should spend at least two weeks of their clerkship in the Department of Surgery of the Medical and Health Science Center of the University of Debrecen. Since the medical diploma will be issued by the University of Debrecen, to spend two weeks at the Department of Surgery of the home university is strongly recommended so as to acquire the necessary knowledge in the particularities of surgery of the home country of the university, i.e. Hungary.

Completion of Surgery

Name of the student: _____

Starting date: (DD, MM, YYYY)_____

Place of course:_____

Finishing date: (DD, MM, YYYY): _____

Assessment:_____

Comments, suggestions and proposals of assessing doctor(s):

.....

Signature and stamp

Program of the 6th year's requirements and clerkship in neurology

The duration of the practicum is four weeks with a one-week preparation time. For the time of the practicum a tutor is assigned to students. Students are supposed to have the course certified in their lecture book by the doctor in charge of ward and in charge of duties as well as by laboratory heads.

Students participate in the work of the male and female neurological wards as well as cerebrovascular wards. They also take the history of a newly arrived patient one day. They attend consultations and are on call once a week.

They familiarize themselves with typical neurological disorders, the possibilities of differential diagnosis and modern therapy. They get an insight into EEG and the evoked potentials, EMG, ultrasound laboratories and consultations for out-patients. They attend the "journal club" of the department/hospital, and neuroradiological and neuropathological presentations.

The department provides the students with a detailed list of topics (on the basis of which they prepare for the examination). Students are allowed to take examinations after satisfying the requirements mentioned above. The examination consists of a test, a practical and a theoretical examination.

The student has to apply in advance to the Head of Department for permission to spend the 6th year practice at another Hungarian institution or at a neurology department abroad. Only half of the neurology internship may be spent abroad. A certificate of the internship spent outside Hungary cannot be accepted unless it has been approved in advance by the Head of Department.

Since the medical diploma will be issued by the University of Debrecen, to spend two weeks at the Department of Neurology of the home university is strongly recommended so as to acquire the necessary knowledge in the particularities of neurology of the home country of the university, i.e. Hungary.

Completion of Neurology

Name of the student: _____

Starting date:(DD,MM,YYYY)_____

Place of course:_____

Tutor:_____

Place, date and certificate of the practicum

Female neurological ward:_____

Male neurological ward:_____

Cerebrovascular ward:_____

Consultation for out-patients:_____

Neurological history has been taken:_____

Laboratories

EEG, EP _____

EMG _____

Ultrasound _____

Neuropathology _____

Serology _____

Being on call _____

Finishing date: (DD, MM, YYYY): _____

Assessment:_____

Comments, suggestions and proposals of assessing doctor(s):

.....
Signature and stamp

Program of the 6th year's requirements and clerkship in psychiatry

Students are assigned for two weeks to the male and for another two weeks to the female ward. Working hours are from 8.00 a.m. till 2.00 p.m., when they are expected to participate fully in the ward's activities.

On the first day of the practicum the doctors in charge of wards introduce their wards and give a precise description of psychiatric examinations and alterations. Students attend the daily rounds, consultations; the "journal club" and once a week are on call. During the course, they take two case histories and plan patients' examinations and therapy.

Program of the practicum block (requirements of the final examination)

Students make the psychiatric examination of both co-operative and non-co-operative patients. They take auto- and heteroanamneses. They study how the course of life, family and social circumstances, the environment, previous diseases and genetic factors have contributed to the present disorder. They ask "compulsory questions" in order to detect the "endangering state" of the patients.

When taking a detailed history, including internal and neurological examinations, students examine the mental state of patients. They familiarize themselves with psychological tests and do the evaluation of the findings.

Students are expected to decide whether a patient should be sent to a psychiatric institute or not. They should also be able to judge the endangering state of a patient and know the legal regulations of referring patients to hospital.

During the course, students acquire simple psychotherapeutic techniques and learn how to "make a contract" with a patient. They are supposed to deal with acutely endangering states and recognize and treat crisis situations and presuicidal syndrome.

Students learn to give information on alcoholism and its prevention. They study and apply therapy. They are supposed to predict the psychiatric complications of alcoholism, e.g. delirium tremens, hallucinatory and paranoid psychosis, dementia, and Korsakoff's syndrome and characteropathy.

Students learn how to prevent the development of and check drug dependency (the doctor is often to blame). They study toxicomanias, drug dependent states, and are expected to decide on the measures to be taken. They recognize acute extrinsic reactions, symptomatic psychosis and organic psycho syndrome and analyze the causes. They also recognize dementias and their stages of severity using a mini mental test and Hachinski's ischemic rating scale.

Students recognize endogenic psychoses and familiarize themselves with the therapeutic principles. They study the effects and side-effects of psychopharmacocons. They recognize malignant neuroleptic syndrome and lithium intoxication. They learn to treat intoxication. They study antidotes and their applications.

Students recognize and treat anxiety cases. They familiarize themselves with psychosomatic disorders and therapy, somatoform, dissociative, obsessive-compulsive disorders, sleep disturbances and their therapy, psychopathy and the balance of psychotherapy and pharmacotherapy.

If the teaching hospital does not meet with the above requirements, the students should spend at least two weeks of their clerkship in the Department of Psychiatry of the Medical and Health Science Center of the University of Debrecen. Since the medical diploma will be issued by the University of Debrecen, to spend two weeks at the Psychiatry Department of the home university is strongly recommended so as to acquire the necessary knowledge in the particularities of psychiatry of the home country of the university, i.e. Hungary

Completion of Psychiatry

Name of the student: _____

Starting date: (DD, MM, YYYY)_____

Place of course:_____

Finishing date: (DD, MM, YYYY): _____

Assessment:_____

Comments, suggestions and proposals of assessing doctor(s):

.....

Signature and stamp

Program of the 6th year's requirements and clerkship in obstetrics and gynecology

In the 6th year there is 5 weeks practice with one 24 hours duty each week. Each student has a supervisor, but we also give a rotation plan for the 5 weeks. In case of absence more than two days the head of Department may refuse the signature.

To absolve the final exam it is obligatory to fulfill 35 days practice and minimum 5 duties. We give a Topic Sheet, the practices and duties must be verified by the signatures of the supervisor and the education officers. The 6 weeks long clerkship should be structured as follows:

- 1 week in delivery room and postpartum ward
- 1 week in outpatient ward of gynecology
- 1 week in outpatient ward of obstetrics
- 1 week in oncology ward
- 1 week in gynecological surgery

The Topic Sheets must be preserved by the student until the final exam and have to be presented at the exam. The titles are from the Obstetrics by Ten Teachers edited by Stuart Campbell 17th edition and Gynecology by Ten Teachers edited by Stuart Campbell 17th edition. There are written and oral parts of the exam and practical exam is also included. The practical part is an examination of a gynecological or an obstetrical patient.

Certain practical skills in ob/gyn have already established during the 4th year ob/gyn training of students. During the 6th year practice there are obligatory (O) and recommended /R/ practical skills to perform and there are practical skills what is obligatory to see or assist but not to perform/S/.

- History taking. (O)
- Physical examination of a female patient. . (O)
- Physical examination of a newborn.-Apgar score. /R/
- Vaginal examination with speculum. (O)
- PAP smear test. . (O)
- Bimanual vaginal examination. . (O)
- Rectal examination. . (O)
- Colposcopy .(O)
- Labor examination of vaginal discharge. /R/
- Breast examination. . (O)
- Examination of a pregnant patient-Leopold maneuver. (O)
- Ultrasound examination in pregnant patient. /R/
- Transvaginal sonography/R/
- Non stress tests. /S/
- Stress tests. /S/
- CTG examination. . (O)
- Miscopy. /S/
- Cesarean section. /S/
- Gynecological laparoscopy. /S/
- Abdominal hysterectomy. /S/
- Oncological operation /S/
- Laparoscopy. /S/
- Hysteroscopy. /S/
- Minor vaginal operations (Cone-biopsy, LEEP) /S/
- Vaginal urogynecological operations. /S/

Appendix 2 for Affiliation agreement between RHCC and University of Debrecen

Vaginal hysterectomy. /S/

Mammography. /S/

Genetic counseling. /S/

Assessment of fetal well-being before labor. /R/

Assessment of fetal well-being during labor. /R/

Blood-flow examination in pregnancy. /S/

Blood typing (O)

Urinalysis. /R/

Vacuum aspiration. /S/

Vacuum extraction. /S/

Normal labor and delivery/S/

Curettage. /S/

Vaginal discharge sampling. /S/

A = awareness, C = competence, K = knowledge

If the teaching hospital does not meet the above requirements, the students should spend at least two weeks of their clerkship in the Department of Obstetrics and Gynecology of the Medical and Health Science Center of the University of Debrecen. Since the medical diploma will be issued by the University of Debrecen, to spend two weeks at the Department of Obstetrics and Gynecology of the home university is strongly recommended so as to acquire the necessary knowledge in the particularities of obstetrics and gynecology of the home country of the university, i.e. Hungary.

Completion of obstetrics and gynecology

Name of the student: _____

Starting date: (DD, MM, YYYY)_____

Place of course:_____

Finishing date: (DD, MM, YYYY): _____

Assessment:_____

Comments, suggestions and proposals of assessing doctor(s):

.....

Signature and stamp

Program of the 6th year's requirements and clerkship in pediatrics

Students are provided with a lecture book in pediatrics at the beginning of their pediatric studies, i.e. in September of the 5th year, which is to be completed in the final year.

The aim of the 6th year clerkship in pediatrics is to develop skills that meet with the requirements of a young general practitioner. The clerkship is going to finish with an end semester-type exam (rigorosum) consisting of a written part (test), a practical part (investigation and evaluation of a pediatric patient) and an oral part (four titles).

To meet with the requirements of the aim of the clerkship and that of the exam, the 7 week long clerkship can be fulfilled completely in university hospitals or university teaching hospitals only providing tertiary care in the major pediatric superspecialties, i.e. perinatology, pediatric cardiology, endocrinology, gastroenterology, genetics, hematology/oncology, infectology/immunology, intensive care, nephrology, neurology, pulmonology/allergology and surgery.

The seven-week long clerkship should be structured as follows:

- 2 weeks in an infant ward, i.e. treating children under the age of one year;
- 2 weeks in a general pediatric ward or a pediatric internal medicine ward;
- 2 weeks in PICU/ICU;
- 1 week in an infectology ward.

The students are supposed to work as young resident doctors tutored by an assigned senior pediatrician. The participation in the above practices should be signed by the assigned tutor in the lecture book indicating the activity of the student. The students should provide a written case report from each ward they have done the practices (altogether four reports) to be evaluated by the tutor. Participation in grand rounds or consultations in perinatology, pediatric cardiology, endocrinology, gastroenterology, hematology/oncology, infectology, intensive care, nephrology, neurology and pulmonology/allergology are required and participation in grand rounds and consultations in genetics, immunology and surgery are recommended. It is extremely important for the student to be able to establish an appropriate relationship with children of any age and their parents as well as to display appropriate diagnostic thinking by the end of the clerkship.

Certain practical skills in pediatrics have already been established during the 5th year pediatric training of the students. To develop these skills to the level of a graduated general medical doctor, certain specific skills should be achieved as listed in the lecture book of students and are listed below.

History taking (hereto- and autoanamnesis)	C	Determination of body temperature	C
Physical examination of newborns	C	Physical antipyretic techniques	C
General physical examination of infants and toddlers	C	Care of the umbilical stump	C
General physical examination of children	C	Prevention and treatment of oral thrush	C
Examination of the throat	C	Somatomotoric and mental development.	
Neurologic examination of newborns infants and children	K	Developmental milestones	C
Determination of blood pressure in infants and children	C	Use of the Dubowitz score	C
Preparing and assessing outpatient charts	C	Use of the Apgar score	C
Preparing and assessing inpatient files	C	Assessment of RDS scores (Downes' and Silvermans')	K
Preparing and assessing inpatient flow darts	C	Bed-side determination of blood group antigens	C
Routine urinalysis	C	Red cell transfusion	K
Evaluation of urinary sediment	C	Application of plasma-derived preparations	K
Evaluation of CBC, determination of WBC and		Platelet transfusion	K
PLT by hemocytometry	C	ECG analysis in newborns, infants and children	C
Preparation and evaluation of peripheral blood		Blood sampling – finger prick and venous blood	C
smears. Assessment of differential count	C	Analysis of blood gases and acid-base balance	C
Macroscopic evaluation of the stool	C	ESR analysis	C
Nursing of healthy infants	C	Oral medication	C
Feeding of healthy and sick infants	C	Application of suppository and clysmas	C
Obtaining of somatometric factors and indices (body		Application of intracutaneous, subcutaneous,	
weight, height, head, chest and abdominal		intramuscular and intravenous injection in newborn,	
circumference, body surface area)	C	infants and children	C
Centile tables	C	Establishing i.v. line and application of	

Appendix 2 for Affiliation agreement between RHCC and University of Debrecen

parenteral infusion	C	Oral glucose tolerance test	K
Assessment of VP shunt puncture	K	Assessment of growth hormone level-performance	
Assessment and treatment of dehydration	C	of dopamine and insulin test	K
Assessment of hernias	C	Evaluation of frequently used laboratory parameters	K
Reposition of inguinal and umbilical hernias	C	Performing of lumbar tap	K
Bladder catheterization	C	Liquor analysis	C
Performing gastric lavage	C	Performing of ventricular puncture	K
Performing of irrigation in infants and children	C	Intubation of newborn babies	K
Assessment of electrolyte homeostasis and correction		Complex resuscitation	K
of electrolyte disturbances	C	Mechanical ventilation	K
Application of positive inotropic agents	K	Continuous monitoring of patients treated in intensive	
Treatment of asthmatic attacks	K	care units	K
Treatment of seizures and convulsions	K	Insertion of catheters into umbilical vein and arteries	K
Anti-infective treatment	K	Exchange transfusion	K
Antipyretic treatment	C	Diagnosis and treatment of air-leak syndromes	K
Dosages and use of frequently used drugs in pediatrics	K	Hemodialysis, hemoperfusion, hemofiltration	
Dosages and use of life-saving drugs	C	and plasmapheresis	K
Differential diagnosis of sore throat	K	Cardiac catheterization	A
Differential diagnosis of rashes	K	Internal biopsy	A
Differential diagnosis of vomiting in infants and children	K	Bone marrow aspiration, biopsy. Evaluation of	
Differential diagnosis of diarrhea in infants and children	K	panoptically stained bone marrow smears	A
Differential diagnosis of constipation in infants and		Bronchoscopy	A
children	K	Central venous lines	K
Differential diagnosis of bleeding disorders in		Measurement and evaluation of central venous pressure	K
infants and children	K	Cranial ultrasound	A
Differential diagnosis of anemia in infants and children	K	Abdominal ultrasound	K
Differential diagnosis of jaundice in infants and children	K	Echocardiography	A
Differential diagnosis of hepatosplenomegaly in		Chest fluoroscopy in patients with respiratory tract	
infants and children	K	foreign bodies	
Differential diagnosis of cyanosis in infants and children	K	Irrigoscopy	K
Differential diagnosis of hypertension in		Cranial CT	A
infants and children	K	Cystography	K
Differential diagnosis of proteinuria and hematuria in		Urography	K
infants and children	K	Radiologic examination of gastrointestinal passage	K
Differential diagnosis of hyperglycemic and		Native abdominal X-ray	K
hypoglycemic coma	C	EEG analysis	A
Evaluation and treatment of the unconscious patient	K	Panendoscopy	A
Evaluation and treatment of urinary tract infections	K		
Evaluation and treatment of children with heart			
murmur and arrhythmias	K		
Evaluation of chest X-ray in premature and mature			
newborn babies	K	A = awareness, C = competence, K = knowledge	
Evaluation of chest X-ray in patients with pneumonia	K		
Evaluation and treatment of diabetic ketoacidosis	C		

If the teaching hospital does not meet with the above requirements, the students should spend at least two weeks of their clerkship in the Department of Pediatrics of the Medical and Health Science Center of the University of Debrecen. Since the medical diploma will be issued by the University of Debrecen, to spend two weeks at the Pediatric Department of the home university is strongly recommended so as to acquire the necessary knowledge in the particularities of pediatrics of the home country of the university, i.e. Hungary.

Appendix 2: Academic requirements for the 6th (clinical rotation) year

Completion of pediatrics

Name of the student: _____

Starting date: (DD, MM, YYYY) _____

Place of course: _____

Finishing date: (DD, MM, YYYY): _____

Assessment: _____

Comments, suggestions and proposals of assessing doctor(s):

.....

Signature and stamp