



Reference documents:

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REGULATION ON CONDUCTING CLINICAL TEACHING

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Chapter I. General Provisions

Art. 1. Clinical education at George Emil Palade University of Medicine, Pharmacy, Science and Technology of Târgu Mureș (G. E. Palade UMPHST Târgu Mureș) aims to achieve specialised training for students enrolled in undergraduate degree programmes in the field of healthcare.

Art. 2. Clinical education shall be carried out within the following types of teaching activities:

- a) **Courses** - teaching activities per student series and delivered by the course holder.
- b) **Specialised clinical internships** - activities carried out in direct relationship with patients, designed to provide students with the framework for supervised participation in inpatient or outpatient settings.
- c) **Clinical practical activities** - activities carried out in direct or indirect relation with patients, designed to provide students with information, competences, and practical skills necessary in the care of a patient in inpatient or outpatient settings.
- d) **On-call** - activities carried out within the schedule that ensure the continuity of healthcare delivery outside the schedule of internships or clinical practical activities or weekends and bank holidays, as provided by law.
- e) **Specialised internships** - activities carried out outside the semesters/ modules, which are usually conducted in the summer.

Art. 3. Subjects that have clinical internship or clinical practical activities are subjects in which the teaching activity involves direct interaction with the patient, regardless of the year of study in which they are included. For subjects with clinical internships, the maximum number of students/ group is 10, whereas for subjects with clinical practical activities (without clinical internships), the maximum number of students/ group is 15.

Art. 4. The clinical subjects are set out in Annex 01 of this Regulation.

Art. 5. The clinical subjects corresponding to the medical specialties are grouped into clinical modules, as shown in Annex 02.

Art. 6. Clinical education can take place in public or private health units with which G. E. Palade UMPHST has signed cooperation agreements on the conduct of internships, contracts or other documents with the clinical educational bases (university clinical departments, health units, institutes, diagnostic and treatment centres, wards with beds, laboratories, surgeries, other similar units approved by G. E. Palade UMPHST own mechanisms) specifying: the place and period of the activity/ practical internship, the way of organisation and guidance, the persons in charge from G. E. Palade UMPHST and of the clinical educational unit.

Art. 7. In the field of healthcare, in all study programmes in Romania, regardless of the language of instruction, teaching activities involving the acquisition of specialised terminology, as well as direct interaction with the patient, are conducted in Romanian language, according to the ARACIS regulations in force.

Chapter II. The course curricula of clinical subjects

Art. 8. The course holders of clinical subjects, considered specialty subjects, draw up a course curriculum. The curricula, endorsed annually at departmental level, must contain:

- a) data about the programme regarding the faculty, department, field of study, degree programme, qualification obtained after graduation;
- b) data about the subject, which will specify the name of the specialty subject, the year of study/ semester/ module, the mode of assessment: E - examination, VP - mid-term check, C - colloquium, also specifying the holder(s) of the theoretical teaching activities and internships/ clinical practical activities, according to the job descriptions;
- c) estimated time for preparing students for the assessment: the number of hours per week allocated for coursework and practical work/ internships, as well as the number of hours required for individual study in preparation for the examination;
- d) specific conditions for carrying out theoretical and practical activities within the specific departments;



- e) the specific professional and transversal skills acquired by students as a result of their work in the subject;
- f) learning outcomes.

Art. 9. The content of coursework and clinical internships/ clinical activities must be in line with the number of hours allocated to the subject.

Art. 10. The competences and skills obtained from each clinical module are set out in Annex 02.

Art. 11. The teaching methods and the reference titles that students can consult in their individual work must be mentioned in the curricula. The bibliography will necessarily contain the residency topics, to which the coursebooks of the department and/ or recent publications from the last 5 years may be added.

Chapter III. Courses

Art. 12. Clinical courses are conducted according to the internal regulations of G. E. Palade UMPHST regarding the conduct of teaching activities.

Art. 13. The course holder is responsible, together with the head of the department, for the entire process of organising clinical teaching in the respective subject of the series in which he/ she teaches.

Art. 14. The courses will be presented in ppt format, using the official template of G. E. Palade UMPHST, according to the Visual Identity Manual. Their content will be adapted to the current level of science and the needs imposed by the study programme.

Art. 15. Within one week from the beginning of each module, a copy of the courses in pdf format will be emailed to the CEIPSCU department for the 3- and 4-year programmes.

Art. 16. Each department that does not have its own course materials published in a book format has the obligation to send the course in electronic format to the students on the e-learning platform, within 24 hours after the course has been held. The course owner may choose to secure the course material against editing and to mention the intellectual property rights of the material in the footer.

Art. 17. The number of pages for the compulsory bibliography provided for in Art. 11 must be proportional to the number of hours assigned to the subject in question and shall not exceed 8-10 pages per lesson/ hour assigned by the syllabus.

Chapter IV. Clinical Internships

Art. 18. Clinical internships are carried out at the bedside or in doctor's surgeries and involve direct interaction between students and patients, under the supervision of the teaching staff.

Art. 19. The duration of internships is established by the curricula. As a rule, the clinical internship is of 3 hours which can be organised in one of the time slots 8-11 or 11-14.

Art. 20. The optimal number of students in clinical internship is a maximum of 3 students/ bed, in the same internship period.

Art. 21. During the clinical internship, students are required to carry out the following activities under supervision, depending on the specificities of the health unit where the clinical internship is carried out:

- a) patient history;
- b) physical examination of the patient in terms of organs and systems;
- c) knowledge and understanding of medical documentation;
- d) assessment of the patient's evolutionary status and presentation by the student during the rounds;
- e) direct participation, together with the patient, in investigations;
- f) participation in determining and administering treatment;
- g) assisting in some manoeuvres or procedures as well as carrying out specific ward manoeuvres, under supervision, as appropriate.

Art. 22. On a weekly basis, for the entire duration of the clinical traineeship, the departments will organise



the following activities for the trainees on a rotating basis:

- a) one session of Case Based Learning (CBL) - case presentation - according to the Must seen clinical situations in the course syllabi or presentation and commentary of a medical article; the activity can be carried out in a location other than the clinic, provided by G. E. Palade UMPHST and can be done with a maximum of two groups.
- b) a session of subject-specific activities at the Simulation and Practical Skills Centre, conducted by the clinical department staff - the scheduling of the activities and the list of tasks is done in collaboration with the teaching staff of the department for Simulation Applied to Medicine; the activities in the Simulation Centre can be conducted, by appointment, at any time of the day, in relation to the existing scheduling availability.
- c) participation in the activities of the specialist outpatient clinic and day hospitalisation.
- d) participation in activities such as investigations, procedures, interventions, in operating or procedure rooms - maximum one group per type of procedure/ intervention.

Art. 23. The head of the department is responsible for organising the rotation of students for internship in order to conduct the activities provided for in Article 22.

Art. 24. It is forbidden to merge groups during clinical placements, except for Case Based Learning sessions where a maximum of two groups can be merged at the same time.

Chapter V. Clinical education for family medicine

Art. 25. Clinical education for family medicine can be conducted in:

- a) general practice units with which G. E. Palade UMPHST has collaboration contracts;
- b) specialised outpatient clinics for adults and children;
- c) Simulation and Practical Skills Centre - Standardised Patient Compartment;
- d) Day hospitalisation wards for adults and children.

Art. 26. The practical activities, as provided for in the Family Medicine course syllabus, will contain only outpatient activities as well as, obligatorily, activities related to the management of the family medicine practice covering both adult and child pathology.

Art. 27. The activities set out in Article 21 are also compulsory for clinical training in family medicine.

Art. 28. The following activities will be organised on a weekly rotating basis for the duration of the family medicine clinical internship for the students in the internship:

- a) a session of Case Based Learning (CBL) - case presentation - according to the Must seen clinical situations in the course syllabus or presentation and commentary of a medical article in the field of family medicine; the activity can be held in a location other than the clinic, provided by G. E. Palade UMPHST and can be done with a maximum of two groups.
- b) one practical activity/ week conducted in seminar rooms provided by G. E. Palade UMPHST, dealing with specific topics of family medicine: epidemiology, prophylaxis, patient record systems, medical documents, etc. regarding adults and children.
- c) one session of specific activities/ week held at the Simulation and Practical Skills Centre, conducted by the members of the department - the scheduling of activities and the list of specific tasks of the family medicine practice is done in collaboration with the teaching staff of department for Simulation Applied to Medicine; the activities in the Simulation Centre can be done, by appointment, at any time of the day, according to the existing availability of programming.
- d) participation in the activities of the specialist outpatient clinic and day hospitalisation.
- e) participation in activities such as investigations, procedures, interventions - no more than one group per type of procedure/ intervention.

Art. 29. The head of the department is responsible for organising the rotation of students for internship in order to conduct the activities provided for in Article 28.



Art. 30. It is forbidden to merge groups during clinical trainings, with the exception of the activities referred to in Article 28, points a) and b), where a maximum of two groups may be merged at the same time.

Chapter VI. Clinical practical work

Art. 31. Clinical practical work can be carried out in the clinical departments, in the demonstration rooms of the clinics or in specially designed spaces made available to the university.

Art. 32. The duration of clinical practical work is established by the curriculum. Clinical practical activities can last 2-3 hours and be organised between 8am and 8pm. For the General Nursing study programme, clinical practical work in the *Qualified Care in...* category, which takes place in clinics, will start at 7:00 am.

Art. 33. During the clinical practical work, the following activities are mandatory for students, under supervision, depending on the specificity of the clinic where the clinical traineeship is held:

- a) evaluation of hospitalised patients: history, physical examination of the patient in terms of organs and systems;
- b) knowledge and understanding of medical documentation;
- c) presentation and demonstration of techniques, procedures, special manoeuvres;
- d) observing some operations or procedures as well as performing some operations specific to the unit, under supervision, as the case may be;
- e) direct participation, together with the patient, in conducting investigations;
- f) participation in the establishment of the treatment and its administration.

Art. 34. Clinical practical work within the clinical module will have the following activities, distributed by rotation:

- a) at least 2 sessions of *Case Based Learning* (CBL) - case presentation - according to *Must seen clinical situations* from the course syllabus or presentation and commentary of a medical article; the activity can be carried out in a different location than the clinic, provided by UMPHST G. E. Palade and can be done with a maximum of two merged groups.
- b) at least 2 sessions of subject-specific activities at the Centre for Simulation and Practical Skills, conducted by staff of the clinical department - scheduling of activities and the list of procedures is done in collaboration with the teaching staff of the department for Simulation Applied to Medicine; the activities in the Centre for Simulation can be done, by appointment, at any time of the day, according to the availability of existing appointments.
- c) participation in the activities within the specialty office of the Outpatient Care and Day Hospitalisation.
- d) participation in activities such as investigations, procedures, interventions, in operating theatres or procedure rooms - at most one group per type of procedure/ intervention.

Art. 35. The head of the department is responsible for organising the rotation of students who participate in clinical practical work to fulfil the activities required in art. 34.

Art. 36. It is forbidden to merge groups during clinical practical work, except for Case Based Learning sessions where no more than two groups can be merged simultaneously.

Chapter VII. On-duty Shifts

Art. 37. On-duty shifts are organised in clinics that ensure the continuity of medical care, outside of the internship or clinical practical work programme.

Art. 38. The duration of on-duty shifts is 6 hours between 18:00 and 24:00 on working days, respectively 8:00-14:00 and 14:00-20:00 on Saturdays and Sundays.

Art. 39. It is mandatory to carry out a minimum of two 6-hour shifts/ module for subjects that have at least 3 weeks of clinical traineeship and one 6-hour shift/ module for subjects that have clinical traineeships of 1-2 weeks or have clinical practical work. Students can opt for on-duty shifts only for the subjects studied within the same module.

Art. 40. During duty, the student participates in all the activities specific to the duty, together with the doctors



on duty.

Art. 41. Students who participated in the on-duty programme must also participate in the on-duty report of the unit.

Art. 42. Students have the right to recover up to 20% of the excused absences from the clinical traineeship, through the 6-hour shifts, regardless of the traineeship, in a proportion of 1/2 (1 hour of traineeship is equivalent to 2 hours on duty); CBL and Simulation Centre activities cannot be recovered.

Art. 43. The head of the department is responsible for the organisation of students' on-duty shifts and their validation.

Art. 44. On-duty shifts can only be carried out if there is a teaching medical doctor in the on-duty programme who is responsible for the student's activity and confirms under signature the performance of the on-duty student in the Practical Skills Notebook.

Chapter VIII. Specialised traineeships

Art. 45. Specialised traineeships are held during the summer vacation.

Art. 46. Each student from years 1-5 has the obligation to carry out 120 hours/ year of specialised practice, carried out in a minimum of 3 weeks/ year.

Art. 47. Practice tutors will be nominated for the specialised traineeships held during the summer - teaching staff of the Medicine study programme in subjects with a correspondent in the network of the Ministry of Health. For specialised traineeships, the course syllabus specifies: the objectives, contents, types of activities and scheduling during the studies, the student's tasks, available resources (human, bibliographic, etc.), the forms and criteria for assessing the learning results.

Art. 48. Carrying out the specialised traineeship is done only in the health units with which G. E. Palade UMPHST has collaborative relations. The recognition of the performed activity is based on a specific procedure approved by the Dean's Office.

Chapter IX. Student assessment in clinical education

Art. 49. All examinations (oral or written assessment) take place in the spaces related to the teaching process, in the presence of a member of the teaching staff.

Art. 50. Each didactic or practical activity in the curriculum ends with a final assessment. The assessment results are expressed in grades from 1 to 10, expressed in whole numbers, with the minimum passing grade being 5.

Art. 51. The written exam consists of a grid test or essay topic from the thematic area of the discipline, according to the assessment method provided in the course syllabus. The forms of assessment and attestation of the student's skills, provided in the curricula, are: exam (E), colloquium (C), and partial exams (VP).

Art. 52. The mode of assessment - written test, oral test or written and oral test - is established for each subject separately through the course syllabus and is communicated to students at the beginning of each semester, on the occasion of the first course, by the course holder.

Art. 53. The grade recorded at the final assessment cannot be established solely on the basis of a report written by the student or on the basis of the results of partial examinations. The results obtained by the students during the training are recorded in accordance with the legislation in force, in approved forms (roll call, academic record, diploma supplement).

Art. 54. The evaluation will be presented in a synthetic form, specifying the assessment criteria, the assessment methods, and the weight of the final grade, the minimum performance standards that the students will demonstrate in order to pass the examination in that particular subject.

Art. 55. The practical exams in clinical education can be conducted in one of the following ways established by the faculty management, at the proposal of the head of department, depending on the technical resources, the existing staff, and the specificities of the subject:



- a) presentation of a clinical case following the examination of a patient by the student;
- b) Objective Structured Clinical Examination (OSCE) - by organising a circuit of short examination stations;
- c) carrying out specific techniques or operations, in the clinical environment or within the Centre for Simulation;
- d) use of standardised patients.

Art. 56. The final grade for the clinical subjects that include an examination will be made up of:

- a) the theoretical summative assessment corresponding to the subject, which will have a maximum weight of 60% of the final grade;
- b) the practical examination - 20-30% (for the subject where the OSCE examination takes place, the weight of the practical examination will necessarily be of 30%);
- c) the formative assessment activities during the semester organised during the teaching activities will be quantified with a maximum of 20% of the final grade.

Art. 57. The final mark for the clinical subjects that include verification will consist of:

- a) the theoretical assessment corresponding to the subject, which will have a maximum weight of 60% of the final grade;
- b) the practical examination - 20-30% (for the subjects where the OSCE examination takes place, the weight of the practical examination will necessarily be of 30%);
- c) the formative assessment activities during the semester, organised during the teaching activities, will be quantified with a maximum of 20% of the final grade.

Chapter X. The Obligations of Students

Art. 58. Students' attendance at clinical internships, clinical practical work, on-call duties, and specialty internships is a teaching obligation. It will be monitored in physical or electronic format and is a condition for admission to the examination or final assessment.

Art. 59. Each student is required to have and complete a Practical Skills Workbook. The minimum standard of activities, broken down as provided in Articles 22, 28, and 34 for each subject, will be established by the CEIPSCU department, based on the proposal of the subjects. The Practical Skills Workbook is provided to students by the university and is part of the professional portfolio.

Art. 60. Students are required to evaluate the teaching staff after each module, in accordance with the Regulation for the Evaluation of Teaching Staff by Students.

Chapter XI. Students' Code of Conduct

Art. 61. Students must exhibit civilized behaviour towards patients, medical and healthcare personnel, and patients' relatives, and must ensure they maintain a well-groomed appearance, in accordance with the social status generated by the medical profession.

Art. 62. Students will adhere to the dress code established by the university for clinical activities, as follows:

- a.) Throughout all clinical activities, students will wear the specific protective equipment, which must be in accordance with UMPHST standards.
 - i. For medical clinical departments: a long white coat with long sleeves, featuring the official university logo printed/ stuck on the left side; optionally, a short-sleeved blue scrub top and pants, with the official university logo printed/ stuck on the left side of the top; optionally, the white coat can also be worn over the scrubs.
 - ii. For surgical clinical departments: a short-sleeved blue scrub top and pants, with the official university logo printed/ stuck on the left side of the top; optionally, outside the operating room, a long white coat with long sleeves, featuring the official university logo printed/ stuck on the left side; optionally, the white coat can also be worn over the scrubs.



- iii. Specific protective footwear for the hospital environment.
- b) Throughout all clinical activities, students will wear a standardised identification badge, as specified in Annex 03.
- c) The implementation of the dress code is recommended starting from the 2024-2025 academic year and becomes mandatory from the 2025-2026 academic year.
- d) UMPHST will provide students, free of charge, with the UMPHST logo printed for textile formats (2 copies) and will offer students the option to purchase the equipment mentioned in Article 63.

Art. 63. Students are prohibited from:

- a) Entering clinical departments wearing street clothes and shoes.
- b) Boys are prohibited from wearing the white coat without long pants.
- c) Wearing medical equipment in public areas outside of clinical departments.
- d) The consumption of alcohol, drugs, and smoking in clinical areas.

Art. 64. Failure to comply with the provisions of Articles 61-63 allows the teaching staff to deny the student in question access to clinical activities, resulting in an implicit unexcused absence.

This regulation was approved by the Senate of G. E. Palade UMPHST of Târgu Mureș on September 11, 2024, and comes into effect on September 12, 2024.

ANNEXES

ANNEX 01: List of Specialised Clinical Subjects

ANNEX 02: General and Specific Clinical Skills

ANNEX 03: Student Dress Code Model and Identification Badge



Annex 01

List of Specialized Clinical Subjects

Field	Clinical Subjects/Specialties
Medical Clinical Subjects	• Allergy and Clinical Immunology • Infectious Diseases • Cardiology • Dermatovenereology • Diabetes, Nutrition, and Nutritional Diseases • Endocrinology • Gastroenterology • Haematology • Palliative Care, Geriatrics, and Gerontology • Occupational Medicine • Family Medicine • Emergency Medicine • Physical Medicine and Rehabilitation • Internal Medicine • Nephrology • Neonatology • Neurology • Oncology • Paediatrics • Pulmonology • Psychiatry • Paediatrics (Childcare) • Rheumatology
Surgical Clinical Subjects	• Anaesthesia and Intensive Care • Cardiac Surgery • General Surgery • Oral and Maxillofacial Surgery • Plastic, Aesthetic, and Reconstructive Microsurgery • Paediatric Surgery and Orthopaedics • Vascular Surgery • Neurosurgery • Obstetrics and Gynaecology • Ophthalmology • Orthopaedics and Traumatology • Otorhinolaryngology (ENT) • Urology



Annex 02

General and Specific Clinical Skills

Module	Location of Activity	Knowledge	Skills
Internal Medicine	Clinic / Outpatient	Acute and Chronic Pathology in the Adult Patient	• Conducting the medical history • Performing the clinical examination • Interpreting laboratory data • Interpreting specific tests • Interpreting basic imaging • Communicating with the patient • Establishing a positive diagnosis and differential diagnosis • Proposing treatment plans • Participating at/ performing minor procedures
Surgery	Clinic/ Outpatient	• Acute and Chronic Surgical Pathology in the Adult Patient • Pathology of the critically ill patient	• Conducting the medical history • Performing the clinical examination • Interpreting laboratory data • Interpreting specific tests • Interpreting basic imaging • Basic monitoring of the critically ill patient • Communicating with the patient • Establishing a positive diagnosis and differential diagnosis • Proposing treatment plans • Participating at/ performing procedures • Conduct in the operating room and in Intensive Care
Neurosciences	Clinic/ Outpatient	Acute and Chronic Pathology in Neurological and Psychiatric Patients	• Conducting the medical history for neurological and psychiatric patients • Performing the neurological clinical examination and identifying deficits; conducting a psychiatric interview and assessing mental status • Interpreting basic neuroimaging, specific tests, and laboratory data • Communicating with the patient and their family/adapting communication for psychiatric patients • Establishing a positive diagnosis and differential diagnosis • Proposing treatment plans • Participating at/ performing minor procedures



			• Counselling patients who use drugs
Mother and child	Clinic/ Outpatient	• Normal and Pathological Pregnancy • Acute and Chronic Pathology in Paediatric Patients • Gynaecological Pathology	• Conducting the medical history for paediatric patients and pregnant women • Performing the clinical examination on newborns, children, and adolescents • Performing the local clinical examination of pregnant women • Examining the breast and pelvic region • Interpreting laboratory data • Interpreting specific tests • Interpreting basic imaging • Communicating with paediatric patients and their families, as well as with pregnant women/in labour/postpartum • Establishing a positive diagnosis and differential diagnosis • Proposing treatment plans • Participating at/ /performing minor procedures, including surgical ones • Assisting in childbirth
Infectiology	Clinic/ Outpatient	Prevention, Diagnosis, and Treatment of Infectious and Contagious Diseases in Adults and Children	• Conducting the medical history (anamnesis) • Performing the clinical examination • Interpreting laboratory data • Interpreting specific tests • Interpreting basic imaging • Communicating with the patient • Establishing a positive diagnosis and differential diagnosis • Proposing treatment plans • Participating at/ performing minor procedures
Outpatient Medicine	Outpatient / Emergency Unit, Pre-Hospital / Clinic	• Outpatient Pathology • Management of Medical and Surgical Emergencies • Chronic Pathology at Home	• Identifying major emergencies • Providing qualified first aid • Conducting the medical history and clinical examination under time constraints • Interpreting laboratory data • Interpreting specific tests • Communicating with the patient • Establishing a positive diagnosis in the outpatient setting • Proposing treatment plans • Participating at/ performing procedures • Monitoring chronic patients • Prevention and lifestyle



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Annex 03

Model of Dress Code for Students and Identification Badge

Hospital Uniform	Long White Coat
	
UMPhST Logo	Badge (horizontal, laminated, 95x68 mm)
	 UNIVERSITATEA DE MEDICINĂ, FARMACIE, ȘTIINȚE ȘI TEHNOLOGIE „GEORGE EMIL PALADE” DIN TÂRGU MUREȘ Facultatea de Medicină Nr. matricol: 1234 MOLDOVAN IULIU STUDENT Programul de studii: Medicină