



Invest in people!

Project co-financed from the Social European Fund by the Operational Sectorial Human Resources Development Program 2007 – 2013

Priority axis 1 „Education and training in support of growth and development of the knowledge based society”

Major intervention field 1.2 „Quality of higher education”

Project title „Development and consolidation of quality culture at the level of Romanian Higher Education system - QUALITAS”

POSDRU/155/1.2/S/141894 Agreement

EXTERNAL INSTITUTIONAL EVALUATION SYNTHETIC REPORT

**“CAROL DAVILA” UNIVERSITY OF MEDICINE AND PHARMACY
BUCHAREST**

ARACIS 2015



EXTERNAL INSTITUTIONAL EVALUATION SYNTHETIC REPORT

A. Evaluated institution: “Carol Davila” University of Medicine and Pharmacy
Bucharest

B. Evaluation period: 26 – 28 March 2015

C. External Institutional Evaluation Commission:

No.	Name and surname of the evaluator University	The position of the evaluator within the Commission
1.	Professor Daniela Cristina GHITULICA, PhD – Politehnica University of Bucharest	Mission Director
2.	Professor Alexandru Silviu APAHIDEAN, PhD – University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca	Mission Coordinator
3.	Professor Delia Maria PODEA, PhD – “Vasile Goldis” Western University of Arad	Expert evaluator of the <i>Consultative Commission</i>
4.	Professor Nicolae ILIAS, PhD – University of Petrosani	Expert of the <i>Institutional Commission</i>
5.	Professor Davor JEZEK, PhD – University of Zagreb	Foreign expert
6.	Professor Paulina CIUREA, PhD – University of Medicine and Pharmacy of Craiova	Program Expert – <i>Medicine</i>
7.	Professor Norina FORNA, , PhD – “Grigore T. Popa” University of Medicine and Pharmacy of Iasi	Program Expert - <i>Dental Medicine</i>
8.	Professor Daniela MUNTEAN, PhD – University of Medicine and Pharmacy of Targu Mures	Program Expert - <i>Pharmacy</i>
9.	Ana-Maria NICOLAE – University of Craiova	Student evaluator
10.	Adrian STAN – “Victor Babes” University of Medicine and Pharmacy of Timisoara	Student evaluator
11.	Doina STANCIU – ARACIS	Technical Secretary

D. General framework of the evaluation process:

The external institutional evaluation was performed under the project entitled *“Development and consolidation of quality culture at the level of Romanian Higher Education system - QUALITAS”* (POSDRU/155/1.2/S/141894 Agreement), co-financed by the European Social Fund through the Sectoral Operational Program Human Resources Development 2007 – 2013, Priority Axis 1 *“Education and training in support of growth and development of knowledge based society”*, Major Intervention field 1.2 *“Quality in higher education”* and under the protocol agreement concluded on 17.10.2014 between the **Romanian Agency for Quality Assurance in Higher Education (ARACIS)**, represented by **Professor Iordan PETRESCU, Ph.D.**, as the representative of ARACIS Council, and the **“CAROL DAVILA” University of Medicine and Pharmacy of Bucharest**, represented by **academician Ioanel SINESCU** as rector, on the establishment of undergraduate study programs under evaluation of ARACIS.

The external institutional evaluation process was conducted according to the methodology of ARACIS, the law of higher education and specific procedures mentioned in the evaluation guide.

The External Institutional Evaluation of the **“CAROL DAVILA” University of Medicine and Pharmacy of Bucharest** was performed with the purpose of its certification (reaccreditation) as a higher education institution in Romania.

E. Objectives of the external institutional evaluation:

- a. Verification of compliance of information and data presented by the visited institution in the Internal Evaluation Report (Self-Evaluation Report), as well as of those listed in the annexes to the report;
- b. Verification of compliance of the legal framework for the organization and functioning of the institution;
- c. Assessment, in terms of quantity and quality, of teaching staff and all the aspects of related to their activity;
- d. Assessing the existence of specific regulations for all kinds of activities, of procedures and methods for implementing them;
- e. The assessment of institutional capacity as it was described in the Self-Evaluation Report and argued by the annexes to the report, as well as by findings on the spot in terms of material resources, the existence of all functional structures (academic and administrative management, etc.);
- f. Examination of the enforcement of regulations in force related to students' professional activity, from admission to graduation, by using the system of transferable credits, internships, by providing the framework necessary to conduct specific research for the second and third cycle study programs, etc.;
- g. Assessing educational effectiveness by verifying the performance standards related to the content of curricula, learning outcomes, conducting scientific work, capitalizing research, providing learning resources etc.;

- h. Assessing the implementation of quality management in all aspects and all areas of activity covered by the mission in the institution visited;
- i. Assessing the way in which the code of ethics and academic integrity in applied and a real scientific and academic environment is provided;
- j. Assessing the level of transparency of public information regarding specific activities conducted within "CAROL DAVILA" University of Medicine and Pharmacy of Bucharest.

F. Procedures used to achieve the objectives of external institutional evaluation:

- a. Organizing meetings and discussions with the staff in the institution's academic and administrative management;
- b. Conducting a detailed visit on the spot, which included most education and research areas of the institution, in order to ascertain the material resources, their quality and their level of performance, the way they are used, etc.;
- c. Organizing meetings and discussions with teachers, students, graduates and with a number of employers;
- d. Visiting secretariats and certain administrative departments in order to ascertain the compliance of procedures regarding the records of students, records of students' professional activity, issuing study documents, records on teachers, financial administration, public procurement etc.;
- e. Elaborating the visiting records (in the evaluated study programs and at institutional level) and the Report of External Institutional Evaluation Commission;
- f. Analysis of the Institutional Self-Evaluation Report and Annexes to the report.

G. Procedure:

- a. Activities conducted by the Commission for institutional visit in its integrity: the initial meeting with the University management (Rector, President, vice-rectors, scientific secretary, deans), with the representative of Quality Assurance Department (QAD), with the contact person for the institutional evaluation, with the representatives of study programs; the visit on the spot;
- b. Differentiated activities conducted by the members of the Commission: study programs evaluation by program experts; the institutional evaluation by the Institutional Commission expert, the Consultative Commission expert, the mission director, the mission coordinator, the foreign expert and the scientific secretary;
- c. Activities conducted by the experts of commissions, the mission director and the mission coordinator, the foreign expert, the scientific secretary and students in the Commission: meeting organized with the students of the evaluated institution, the meeting organized with the graduates; the meeting organized with the employers;

- d. Activities conducted by the foreign expert: the meeting with the university's academic and administrative management and with the representative of QAD, the visit in the Campus of "Carol Davila" University of Medicine and Pharmacy of Bucharest together with the students in the Institutional Evaluation Commission;
- e. The students in the Institutional Evaluation Commission conducted specific activities in terms of total autonomy, according to a schedule defined by themselves;
- f. Analysis of the evaluation results within the External Institutional Evaluation Commission in its integrity;
- g. Presenting the evaluation summary in a meeting which brought together the External Institutional Evaluation Commission and the University management (Rector, President, vice-rectors, deans, department managers, coordinators of administrative structures) the representative of QAD, the contact person for the institutional evaluation and the study programs.

H. Findings of External Evaluation Commission – Summary:

a. Institutional Capacity:

- CDMPU complies with all regulatory requirements on institutional, administrative and managerial structures, with well-defined mission and objectives that individualizes it within the national and European space of higher education. The activity is conducted according to specific laws and regulations in force, as well as those provided in the University Charter.
- The mission of "Carol Davila" M.P.U. is to generate and transfer knowledge to society through the following objectives: training and retraining of qualified and highly qualified human resources; hoarding and dissemination of scientific, cultural, social and ethical values in the bio-medical field; promoting the spirit and critical thinking among specialists and the public, in its field; scientific and cultural development in the bio-medical field; participation in the universal development of bio-medical sciences; assertion of national scientific value in the field and integration in European and international activity; raising awareness and developing behaviour for growing and promoting the values of the rule of law in its field of activity, as well as human freedoms and democratic principles.
- CDMPU has the premises and buildings needed for specific studies programs undertaken (lecture halls, laboratories, library, dormitories, dining, sports fields). The University carries out the educational process in a number of over 180 auditoriums and lecture halls, totalling an area of over 16,379 square meters. Practical work and seminars in preclinical and clinical disciplines are conducted in spaces totalling an area of over 15,313 square meters. Clinical activity is conducted in specialized clinics of hospitals in Bucharest, with students having access to a total of 18,326 hospital beds.

- All educational activities are planned and conducted in premises which comply with current regulations. The equipment of rooms and laboratories, both from the university premises and the hospital, provide a framework for a modern student-centered education.
- The Museum of Anatomy of the Faculty of Medicine in CDMPU entered the European network of museums of anatomy.
- The University has a well-equipped central library, which includes books, handbooks, manuals and other specialized works, collections of national and international journals, specific to disciplines in the curricula of study programs. The university has its own publishing house and printing house, where the works are published both on paper and on CDs.
- The University has its own dormitories, suitably equipped and connected to the Internet, most of them modernized, which provide accommodations for 80% of requests. It also has a dining room which is functional.
- The University provides adequate spaces also for cultural, social, sports (including swimming) activities of student organizations.

b. Educational effectiveness:

- CDMPU meets all the criteria on the study programs content, learning outcomes and scientific research. These are regularly assessed and, on this basis, revised, modified, or supplemented, or if necessary, replaced.
- The University has a valuable body of teachers, recruited, selected, trained and promoted only on objective, professional, scientific, ethical criteria, which covers all educational activities provided in the curriculum.
- From the list of positions of 1 October 2014 shows that of the 2,550 jobs at the university were occupied in 1718, meaning 67.4% Posts. The structure is the following teaching positions: professors 9.8%; 11.6% associate professors; 22.2% lecturers, assistant professors and tutors 56.4%. These values were improved following promotional contest held in the first semester of the academic year 2014-2015.
- The list of positions of October 1, 2014 shows that, 1718 of the 2,550 positions at the university, meaning 67.4%, were occupied. The structure of the teaching positions is as follows: 9.8% professors; 11.6% associate professors; 22.2% lecturers, 56.4% assistant professors and tutors. These values improved following promotion contest held in the first semester of the academic year 2014-2015.
- The University applies a fair and transparent policy of recruitment and admission of students, publicly announced six months prior to admission.
- CDMPU practices, in addition to other forms of evaluation – including peer assessment, the evaluation of and teachers and disciplines by students following a procedure developed and approved by the Senate. Most students who participated in these evaluations have positively appreciated the academic training and qualification, as well as the content and usefulness of disciplines studied and the quality of teachers.

- CDMPU mission is also research. There are own research plans, on areas, included in the strategic plans of the university (2012-2014 and 2015-2016 research plan).
- Between 2012 and 2014, each teacher in CDMPU published on average 2.86 articles in full in recognized specialty journals.
- The faculties and CDMPU regularly organizes scientific sessions, symposiums, conferences, round tables, and the reports are published in scientific papers ISSN or ISBN rated or in magazines dedicated to the organized activity.
- Since 2012, the University provides its own research opportunities by organizing yearly an internal competition for grants for young researchers, based on its own regulation and the transparent dissemination of conditions for participating and research results (both displayed on CDMPU research portal).

c. Management of quality:

- The coordination of evaluation and quality assurance processes is conducted by the “Commission of Evaluation and Quality Assurance” – CEQA, which is subordinated to the university. Quality assurance of study programs is based on analyses of departments, teaching councils and the Senate on the initiation, approval, monitoring and periodical evaluation of study programs, completed by drawing internal evaluation reports. These internal evaluation reports are audited internally and analysed at department, faculty and university level. CEQA supports the university management in achieving quality objectives.
- The university implemented procedures for initiating and designing study programs, evaluation of disciplines, assessments of work by students. The Regulations on the initiation, monitoring and evaluation of study programs, developed in accordance with the methodology and guidelines of ARACIS, are applied.
- Insurance and quality control, as well as the resources required and deadlines for achieving the objectives are set out in the Strategic Plan and Operational Plan.

I. Comments and suggestions of the evaluators, presented within the joint meeting of the Evaluation Commission and the University management:

- A better implementation of modalities to assess the disciplines.
- Developing a method to assess and credit the student volunteer programs.
- Developing a methodology for evaluating the work of students during summer practice.
- A better exploitation of human and material resources of the University.
- Better communication between departments.
- In the educational process, it is desirable that the Department of Oral Implantology to be reorganised in one location, the program to contain both implantology and

prosthetic concepts, with the change of name in Implant-prosthetic rehabilitation. Practical work is recommended to be only simulated in clinical demonstrations.

- Regarding the Prosthetic technology, it is recommended to follow the full academic program, with the course content and internship closely linked to prosthetics notions.
- We suggest that the educational process during the sixth year of study to focus on holistic patient care, of dental polyclinic type, subject to obtaining the legal right to free practice for the student.
- The need to cover up to 70% of current occupancy, which is 64.54%.
- The revision of curricula.
- Rethinking the competences assumed in the disciplines of the curriculum.
- Filling the registry books up to date in order to correct non-conformities.

J. Strengths:

- CDMPU is the oldest University of Medicine and Pharmacy in Romania, founded in 1857 and transformed into Faculty of Medicine a decade later.
- Over time, many members of the academic staff of CDMPU were recognized as great personalities of the Romanian and international medical world (Gheorghe Marinescu, IC Parhon, Victor Babes, Ioan Cantacuzino, Thoma Ionescu, Nicolae Paulescu or George Emil Palade, the only Romanian Nobel laureate in medicine and former honorary president of CDMPU).
- In recent years, the academic community members of CDMPU have had major professional and social achievements and have been holding or held important professional or administrative positions. A total of 11 professors of the university are members or honorary members of the Romanian Academy, and a number of 110 professors are members of the Academy of Medical Sciences. A total of 148 teachers are members of other prestigious scientific structures, such as the Academy of Scientists, 67 people are members of International Academies and 19 professors are doctors honoris causa of several universities in the country or abroad.
- Books authored by CDMPU teaching staff were awarded 15 prizes of the Romanian Academy.
- In the programs evaluated, it was noted that teachers have exceptional results in research, highlighting the increasing number of paper works indexed and published by prestigious publishers abroad, as well as the increasing number of research projects involving young PhD candidates and students.
- The practice carried out by the student directly at patient's bed is a strong point of CDMPU, compared with other European universities. In pre-clinical study, practical teaching of anatomy, conducted on corpses, is another strong point of the university.
- The relationship between students and teachers is a partnership; the learning outcomes are interpreted and discussed with students in relation to their relevance for career development. Teaching in CDMPU focuses specifically on the activity in clinical and

laboratory practice of students for most disciplines, with the theoretical education completed by practice.

- The analyses conducted in the internal evaluation reports of the study programs in the university show that over 70% of graduates are employed within two years after graduation, at the academic qualification level (meaning the accession of graduates to specific professional bodies) and at least 50% of graduates in the last two years are admitted to master studies, regardless of the field.

K. Weaknesses – suggestions:

- The program evaluators propose: finding a method of assessing and crediting volunteer programs for students, setting a methodology for evaluating the work during summer practice of students, and developing procedures to track the career paths of graduates of Medicine.
- It is recommended to consider the establishment of a study program of in English and / or French within the Faculty of Dental Medicine, as covering criteria already exist.
- The institutional evaluation commission recommends to the CDMPU management to continue to devote attention to the further development of material resources necessary for teaching and research (remediating issues regarding the material base of the Faculty of Pharmacy and some student dormitories) and for increasing employment on teaching positions in a structure corresponding to the medical field, especially in newer established structures.
- It is recommended to adopt a prudent policy in terms of number of students, which has to be correlated with the development of the teaching material and teaching positions in a structure specified by ARACIS norms and standards.

L. Conclusions:

Following the analysis of Institutional Self-Evaluation Report and Annexes its annexes, the reports of study programs that were subject to assessment in the process of institutional evaluation and their annexes, and as a result of all activities undertaken by the External Institutional Evaluation Commission during the visit paid between 26 to 28 March 2015 at the “CAROL DAVILA” University of Medicine and Pharmacy of Bucharest and mentioned in section G of this report, the following conclusions were drawn:

- CDUMP is a prestigious institution of higher education, specialized in medicine and pharmacy, with a well-defined and achieved teaching and research mission.
- The University has teaching and research activities of a high quality level, best highlighted by the quality and qualifications of graduates at all levels of education.
- During the evaluation process, the university has provided complete and reliable information on the teaching and research processes of and information of other nature.
- According to the data obtained and verified by the external evaluation commission, we consider that the University has a good institutional and managerial capacity for the assurance and continuous growth of study programs and an efficient support of the

training, education and qualification process in order to achieve European and national standards of graduation.

M. Score proposed:

Given the achievement of performance standards stipulated by the law on quality assurance in higher education by the “CAROL DAVILA” University of Medicine and Pharmacy of Bucharest, substantiated by all the documentation used in the process of institutional evaluation, the External Institutional Evaluation Commission of ARACIS proposes granting the score: **HIGH LEVEL OF CONFIDENCE**.

Mission Director:

Professor Daniela Cristina Ghitulica, PhD

Score granted:

Based on the External Evaluation Commission’s proposal, institutional self-evaluation documents, findings during the assessment visit between 27 and 29 May 2015, and the other documents in the Annexes, the ARACIS Council concludes that “CAROL DAVILA” University of Medicine and Pharmacy of Bucharest is an institution of higher education properly ensuring the quality requirements and standards and, on that basis, creating the conditions for ensuring quality in the future.

ARACIS Council grants to the “CAROL DAVILA” University of Medicine and Pharmacy of Bucharest the score **HIGH LEVEL OF CONFIDENCE** regarding the institutional management in terms of quality assurance for study programs and compliance with academic standards for granting graduation diplomas.

SOLICITAT RAMBURSARE
FSE-POSDRU
POSDRU/155/1.2/S/141894
ID 141894

Subsemnata DUBINĂ Lavinia Teodora, interpret și traducător autorizat pentru limbile engleză și franceză, în temeiul autorizației nr. 19400, eliberată de Ministerul Justiției din România, certifică exactitatea traducerii efectuate din limba română în limba engleză, că textul prezentat a fost tradus complet, fără omisiuni, și că, prin traducere, înscrisului nu i-au fost denaturate conținutul și sensul.

INTERPRET ȘI TRADUCĂTOR AUTORIZAT,