

**MINISTRY OF HEALTH OF THE REPUBLIC OF MOLDOVA
"NICOLAE TESTEMIȚANU"
STATE UNIVERSITY OF MEDICINE AND PHARMACY**

REGULATION

**on the diploma thesis defence
specialty 711 Medicine**

Chișinău - 2014

“Approved”

By Rector
SUMPh “Nicolae Testemițanu”
University professor, PhD,
academician of ASM

_____ Ion Ababii
_____ 2014

Approved at the meeting of the
Central Methodical Council

Approved at the meeting of the
Council of the Faculty of Medicine

Diploma thesis at the Faculty of Medicine is an essential component in the evaluation of student's work. This tests your ability to perform and conduct an independent research under the rules of the scientific community.

The aims of Diploma thesis are:

- to initiate students to explore and to learn research methods in medicine;
- to teach students to systematize and improve theoretical knowledge and implement them in solving scientific and organizational problems;
- to assess the capacity and preparedness of graduates for postgraduate individual activity.

I. GENERAL DISPOSALS

- 1.1. Diploma thesis is a component of the Graduation State Exam
- 1.2. Diploma theses topics are suggested by the departments approved at the Faculty Council and are distributed to students starting from the IX semester.
- 1.3. Thesis can be executed in cooperation of 2 or more departments of the University
- 1.4. Scientific advisors of the theses are nominated by the Department and approved at the Faculty Council (as scientific advisors may be appointed professors, associate professors, assistant professors, senior lecturers and scientists specialized in the problem)
- 1.5. Diploma thesis is performed based on clinical, experimental, theoretical studies (bibliographic study)
- 1.6. Diploma thesis is written in the language of instruction.
- 1.7. The thesis defence takes place during the XI or XII semesters.
- 1.8. The electronic version of the thesis (PDF), together with the minutes (assessment record) must be presented to the Dean's office by the Secretary of the Examination Board.
- 1.9. The electronic version of the thesis is posted in the electronic storage of the SUMPh.

II. DIPLOMA THESIS ELABORATION REQUIREMENTS

- 2.1. Diploma thesis is written in accordance with the scientific theses requirements and shall reflect the graduate's qualification and ability to reflect their knowledge and opinion in written form.
- 2.2. The following titles are accepted for a diploma thesis: the systematic review of the studied problem, clinical studies, fundamental studies, epidemiological studies, etc.
- 2.3. Diploma thesis must demonstrate:
 - student's acquaintance with literature relevant to the researched issue;
 - correctness from the methodological point of data analysis and argumentation;
 - logical structure
 - scientific language style.
- 2.4. The appearance of the thesis should also be in line with the academic standards.
- 2.4. The volume of the thesis is **30 pages**. Illustrative material, figures, tables, other attachments and bibliography are not taken into account of the research volume.
- 2.5. The thesis is written on white A4 paper, size 210 x 297 mm, with margins: left - 30 mm, upper - 25 mm, right - 10 mm, bottom - 25 mm, in correspondence with the appropriate diacritical marks: font -14 pt, intervals 1.5. It allows the use of capitalization in writing titles, font 14, and highlighting certain words Bold.
- 2.6. All pages of the thesis, including those containing photos, figures, and attachments are indexed in regular order starting with the title page and ending with the last page without admitting their absence or recurrence; number is written on the right margin

- of the page up or down; (first page is considered the title page).
- 2.7. The title is written in accordance with the attachment no.1.
 - 2.8. Each chapter, introduction, bibliography or attachments is started with a new page.
 - 2.9. The title of the chapter is written in capital letters and is indexed with Roman numerals (I; II). The title of subchapters is written in small letters and indexed with Arabic numerals (1.1; 2.2 etc).
 - 2.10. The title of the tables is written in the middle of the page with capital initial letter, no dots after. In the right side above the title of the table the word "Table 1.1" is written, where the index number of the table is compound of the ordinal number of the chapter and of the ordinal number of the table from the corresponding text.
 - 2.11. The thesis can be illustrated with schemes, pictures, photos, graphics, diagrams etc. Their title is written under the illustration and starts with the word "Fig. ("Fig.2.1")", where the index number is compound of the ordinal number of the chapter and of the ordinal number of the figure from the corresponding text.
 - 2.12. The use of abbreviations of the word combinations, compound words, and frequently occurred words is accepted only in accordance with the rules of linguistics and if they don't imply difficulties in reading and do not cause ambiguities.
 - 2.13. Notes, corrections, highlighting the letters, erasures, stains, additions to the page etc are prohibited.
 - 2.14. Conclusions are written at the end of each chapter, and the general conclusions - at the end of the thesis.
 - 2.15. In the thesis reference to the bibliographic source of each text is made at the end indicating the corresponding number in square brackets [2, 5, 10, 32]
 - 2.16. Bibliographic references are indicated at the end of the thesis in alphabetical order beginning with the Latin, then Cyrillic in the appropriate alphabetical order, following the rules for writing bibliographic sources.

III. THE STRUCTURE OF THE DIPLOMA THESIS

The structure of the diploma thesis includes the following sections:

- content;
- introduction;
- bibliography;
- materials and methods of the research;
- personal results and discussions;
- general conclusions;
- bibliographic references;
- attachment.

Content is recommended to be placed at the beginning of the paper after the title page; the titles of the chapters and subchapters, indicating the corresponding page are written in it.

The **Introduction** contains:

- actuality and level of study of the investigated topic;
- purpose and objectives of the thesis;
- theoretical importance and applied value of the work;

The introduction must not exceed 2-3 pages.

"Bibliographic analysis" of the thesis provides:

- critical evaluation of the literature relevant to the topic researched
- main theories / explicative models showing development and progress made by the recent research and possible gaps or limitations.

Review of the literature is carried out after a criterion explicitly mentioned, which may be

chronological, thematic, or other. By its content, the theoretical basis must be centred on the advanced hypothesis. This part of the thesis must demonstrate the student's ability to select the most relevant bibliographic sources, to read them and analyze critically, to formulate their own opinions on the subject studied. Chapter showing theoretical framework of the studied problem must not exceed 20% of the pages of the thesis.

In the chapter "**Material and research methods**" the materials and methods used in research are described. The volume must not exceed 3-4 pages.

In the chapter "**Personal results and discussion**" are described the results obtained and their argumentation, statistical processing of data. The results should be deduced from the research methods used. Tables and figures depicting the results of the research are included in this part of the thesis.

Alternative and contextual explanations are welcomed. Interpretation of own data will be made by reference to data from the literature, indicating similarities and differences.

The "**Conclusions**" shall contain a summary of the results obtained, mention ways of achieving the objectives formulated in the introduction and reflect the opinions and personal contribution to the studied problem.

"**Attachment**" may join different materials (questionnaire of study investigations, diagrams, photos, case presentation) and other material relevant to the undertaken study.

Bibliographic References are placed at the end of the thesis and contain bibliographic sources used in the work. Bibliographic data and quotations are completed in accordance with national standards. References are listed in numerical sequence corresponding to the alphabetic order. All the sources included in the thesis must be included in the bibliography references, as well as all authors included in the reference list must be inserted in the thesis. The web page addresses for the sources taken from the internet will be marked.

IV. APPRECIATION OF DIPLOMA THESIS

Diploma thesis in the final form is submitted to the Department at least one month before the deadline indicated for the defence. After its approval at the meeting of the Department, the diploma thesis is submitted to the State Committee for examination in a single copy.

Diploma thesis presentation takes place in an open session of the State Committee for examination, in the presence of at least 2/3 of the number of members, in the form of oral presentation by the author (15 minutes or less). The reviewer role can be assigned to the respective Department and scientific advisor during presentation. The discussion is open to all the present. One academic hour per student is given for the diploma thesis defence.

The decision on the scoring of the diploma thesis is taken at the meeting of the State Committee in closed examination in accordance with the scale of assessment. The results of the thesis defence are communicated to the students on the same day.

Committee has the right to recommend for publishing the most valuable works, primarily those based on the research work of the student or realized on the basis of an original experimental material, containing recommendations and proposals of theoretical and practical importance.

If the work is appreciated with a mark under 5.00, State Committee for examination decide whether the same work, after necessary corrections, can be submitted or not for the repeated defence. Decision of the State examination Committee is final and cannot be reviewed.

V. EVALUATION OF DIPLOMA THESIS

In order to assess the diploma thesis evaluation grids were elaborated.

Rating scale completed by scientific advisor:

No.	Evaluation criterion	Point
1.	Assessment of the quality of thesis / research performed	7 points
2.	Compliance of the structure of the thesis with the rules of the current guide	1,5 points
3.	Compliance of the drafting rules (in particular of the bibliographic references)	1,5 points

Rating scale completed by committee members:

No.	Evaluation criterion	Point
1.	Assessment of the quality of thesis / research performed	2 points
2.	Compliance of the structure of the thesis with the rules of the current guide	1,5 points
3.	Compliance of the drafting rules (in particular of the bibliographic references)	1,5 points
4.	Presentation of the work and answer to the questions	4 points
5.	Topic of the published scientific work on the topic of the thesis	1 point

The final grade of the thesis is calculated by applying the coefficients according to the formula: $N_f = (0,4*N_p) + (0,6*N_c)$

N_p = grade given by scientific coordinator

N_c = grade given by State Commission members

The title page of the diploma thesis

Ministry of Health of the Republic of Moldova

Public Institution “Nicolae Testemițanu” State University of Medicine and Pharmacy
of the Republic of Moldova

FACULTY OF MEDICINE

Department _____

DIPLOMA THESIS
(written in capital letters)

Name and surname of student _____
year, group _____

Name and surname of scientific advisor _____
position and scientific degree _____

Chisinau, year

Model of writing of bibliographic references

1. **Anderson P.J., Critchley J.A., Chan J.C., Cockram C.S., Lee Z.S., Thomas G.N., Tomlinson B.** Factor analysis of the metabolic syndrome: obesity vs insulin resistance as the central abnormality. //Int. J. Obes. Relat. Metab. Disord., 2001, Vol. 25, № 12, p. 1782-1788 .
2. **Dejica Doru** Antioxidanții și terapie antioxidantă. Casa Cărții de Știință. Cluj- Napoca, 2001, 767 p.
3. **Wajchenberg B.L.** Subcutaneous and Visceral Adipose Tissue: Their Regulation to the Metabolic Syndrome // Endocrine Rew.,2000, Vol.21, № 6, p.697-738.

References should include all necessary elements of identification.

Declaration

I hereby declare that the diploma thesis entitled "*The Full Title of the Thesis*" is written by me and has not been presented before at another college or institution of higher education in the country or abroad. Also, I declare that all sources used, including the Internet sources, are indicated in the paper, considering the rules for avoiding plagiarism:

- all text fragments are reproduced exactly, even the proper translations from other languages are written in quotes and have detailed reference source;
- paraphrasing in own words of text written by other authors has detailed reference;
- summary of the ideas of other authors has a detailed reference to the original text.

Date

Name and surname of student _____

(Original signature)