

MED 6011–ETHICS IN PUBLICATION

Course Name	Code	Semester	Type of course	Theory (hours)	Group work (hours)	ECTS
Ethics in publication	MED 6011	XI	Elective	10	16	2
Faculty, the educational program and education level	Faculty of Medicine, one-cycle Educational Program “Medicine”					
Author (s)	<p>KATUNA KATAMADZE – INVITED TEACHER MOB.TEL.: 577 44 06 46; e-mail: khatunak@gmail.com; Tamar Kachlishvili-invited teacher MOB.TEL.: 577 63 93 98; e-mail:tamarikachlishviki@yahoo.com Consultation day and time - individually</p>					
Educational course format	Lecture Group work					
Educational course Loading	<p>Total: 60 hours Contact hours: 30 h</p> <ol style="list-style-type: none"> 1. Lecture – 10 h 2. Team work – 16 h 3. Midterms – 2 h 4. Final exam -2 h <p>Independent work – 30 h</p>					
Prerequisites	MED 1012					
The purpose (s) of tutorial course/modules	The aim of this course is the ethical standards knowledge necessary for research planning and implementation; provide students with sufficient information on ethical standards in planning, conducting and publishing their research projects knowledge about scientific ethics.					
Teaching and learning methods	<p>Lecture- verbal method, Explanation, demonstration: visual presentation of the information (pictures, diagrams, slideshow, video);</p> <p>During the group work- in order to develop the skills of analysis and synthesis the interpretation, classification and evaluation of the data will be carried out; in order to learn the new material the complex processes will be broken into small components and the realized separately; further they will be presented not as the separated pathologic processes, but as the components comprising the united homeostasis of the organism and perceived in unity;</p> <p>Asking Questions – the students will be evaluated through oral checking of the current theoretical material by asking questions in the frames of the materials covered that will support material and to link the covered and the current materials and master the skills of the analysis;</p>					

	<p>Project Preparation and Presentation–the student shall choose a topic from the provided materials or independently, find the needed publications, develop the project plan and the expected outcome. The project must be presented as a 10-page printed material to be presented in PowerPoint format before the audience.</p> <p>Discussion/debate – the students will be divided in groups, carry discussions on the concrete topic. The aim of the given activity is to develop the skills of listening, critical thinking, analysis, debating and making conclusions based on the revision of opinions.</p>
<p>Assessment criteria</p>	<p>Student’s knowledge is assessed based on the 100-score system, of which 60 scores are addressed to the mid-term evaluations, and 40 scores are allocated for the final exam.</p> <p>Mid-term assessment includes the following components: (total 60 scores):</p> <ul style="list-style-type: none"> • Attendance at every lecture- 1 score (1X10 = 10 scores) • Active participation in the group work- 10 scores ; • Preparation and presentation of the project-10 scores; • Discussion-10 scores; • Mid-term exam - 20 scores; <p>The final score for each group work is calculated through the average.</p> <p>Active participation during the group work is assessed in accordance with the following criteria (10 scores):</p> <p>10 scores–has the deep and detailed knowledge on the topic: presents the topic in the consistent and laconic way. The student thinks quickly and expresses the opinion around the problematic question. The answer is correct from the terminology point of view. Sound knowledge and the ability of application of the basic as well as the auxiliary literature is revealed.</p> <p>9 scores -has the deep knowledge on the topic: presents the topic in the consistent and laconic way. The student shows the ability of thinking however sounds not that confident when expressing the opinion on the problematic question. The answer is correct from the terminology point of view. Sound knowledge and the ability of application of the basic literature is revealed.</p> <p>8 scores– has the deep knowledge on the topic: presents the topic in the consistent way. The student shows the ability of thinking, however sounds not that laconic when expressing the opinion on the problematic question. The answer the correct from the terminology point of view. The sound knowledge and the ability of application of the basic literature is revealed.</p> <p>7 scores – does not have such fundamental knowledge of the topic: the answer is complete but inconsistent, has difficulties in presenting arguments on the problematic issue. Terminology is partially developed. Demonstrates the knowledge on the topic on the satisfactory level. Reveals the knowledge of the basic literature. Reveals difficulties in making conclusions;</p> <p>6 scores – the answer is complete, but inconsistent; terminology partially developed; reveals the knowledge of the topic on the satisfactory level; Reveals difficulties in making conclusions;</p> <p>5 scores – the answer is inconsistent, terminology partially developed; is not able to provide the answer to the problematic issue. Demonstrates the knowledge on the satisfactory level. Has difficulties in making conclusions.</p> <p>4 scores – student demonstrates the general overview of the topic. Terminology is not developed. Content consistency is not followed. Demonstrates irrelevant knowledge of the literature;</p> <p>3 scores – student demonstrates the general overview of the topic. Content consistency is not followed. Has difficulties in providing arguments and carry discussions on the topic. Demonstrates</p>

irrelevant knowledge of the literature;

2 scores – student demonstrates the general overviews of the topic; complete absence of the ability to provide arguments; terminology is not developed at all, content consistency is not followed;

1 score – the answer is insufficient, no terminology awareness, no chronologic manner of the answer or the answer is mostly wrong, no knowledge of literature.

0 score – Student demonstrates not even elementary knowledge of the topics.

Project preparation – presentation criteria (max. 10 scores)

1. Actuality of the problem- 1 score;
2. Proper planning - 1 score;
3. Review of the literature (data) on the issue-1 score;
4. Relevance of research methods with the research goal - 1 score;
5. Deductions accuracy and correlation with the main text -1 score;
6. Accuracy of the cited literature, trusted sources- - 1 score;
7. Writing accuracy -1 score;
8. Language and style accuracy-1 score;
9. Visual and technical sides of the material - 1 score;
10. Culture of dispute and listening-1 score;

Evaluation Criteria for the Discussion (max. 10 scores)

- Critical thinking- 2 scores;
- Manner of debating- 2 scores;
- Ability to provide arguments - 2 scores;
- Time management - 2 scores;
- Academic and visual sides of the presented material- 2 scores;

Midterm exam is a test (multiple choice) that contains 40 questions, each rated 0.5 scores and totally counts 20 scores;

The student is allowed to pass the final exam, if he accumulates not less than 11 points for the mid-term evaluations (considering that he/she will get the maximum score at the final exam).

Final exam - 40 scores

Is also the test (closed questions). It contains 80 questions (multiple choice); each one rates 0,5 scores (totally 40 scores).

The final exam is considered to be passed if the student accumulates at least **70% or more** out of the maximum assessment of the exam ($40 \times 70 / 100 = 28$ ქულა).

Credit will be awarded if the student accumulates at least 51 scores out of 100 scores;

Positive assessments:

- (A) Excellent - 91 scores and more;
- (B) Very good - 81-90 scores;
- (C) Good - 71-80 scores;
- (D) Satisfactory - 61-70 scores;
- (E) Enough - 51-60 scores;

Negative assessments:

- (FX) didn't pass - 41-50 scores that means that student needs more work and is allowed to pass one additional exam;
- (F) Failed – 40 scores or less that means that the student did not perform enough and has to take the course

The student has the right to pass an examination in the same semester.

The interval between the final and additional exams should not be less than 10 days.

The basic literature	<ol style="list-style-type: none"> 1. Hope, Tony. Medical Ethics, Oxford University Press UK, e-book ISBN 9780191516627 OCLC Number 104626893; ; 2. John Willy and Sons “Medical Ethics Today “ The BMA’s Handbook of Ethics and Law (III), 2012; e-book ISBN 97814444355635 OCLC Number 787845595
The auxiliary literature	<ol style="list-style-type: none"> 3. Buken NO., Buken E. Clinical Drug Research From Medical Ethics and Legal Perspectives. Dergisi (Turkish Journal of Psychiatry), 14(4): 289-299 (2003). 4. Buken NO, Büken E. "The Rights Experimental of Subjects and Patients in Clinical Drug Researches". FABAD Journal of Pharmaceutical Sciences, 27, 173-185 (2002).

The tutorial/training course content

Nº	Subjects	Lecture (hour)	Work in group (hour)
1.	Science, scientific knowledge, scientific knowledge in the historical process. Science ethics and scientific misconduct, necessity of humans and animals as research subjects	2	3
2.	Emergence of essential principles and rules of research ethics in the history. Informed consent in research, Rights of research subjects and vulnerable groups	2	3
3.	The researcher-subject and researcher-sponsor relationships. Rights of animals, Ethical issues in animal researches and 3R’s	2	4
	Midterm Exam		2
4.	Ethical and legal responsibilities of researchers and dual roles of physician-investigator, Ethical infringements in publishing with case studies	2	3
5.	National and international ethical and legal regulations on research ethics. Research Ethics Committees	2	3
	Final Exam		2

Learning Outcomes

Criteria	Competences
Knowledge and Understanding	<p>At the end of this subject committee, students prospective scientist should have deep knowledge about:</p> <ul style="list-style-type: none"> • ethical rules and principles; • the national and international ethical and legal regulations about researches on humans and animals • describe the informed consent process in researches and obtain informed consent from

	<p>research subjects;</p> <ul style="list-style-type: none"> • the rights of the objects of knowledge.
Applying knowledge	<p>Student will be able to:</p> <ul style="list-style-type: none"> • prepare the research object; • write an ethically appropriate research project report for ethics committee approval • determine the ethical infringement in publishing; • describe the types of the ethical infringement in publishing
Making Judgments	<p>Student can write an ethically appropriate research project, can represent the report for ethics committee and make the discussion on the topic of report</p>
Value	<p>The student will be able to take account ethical values during scientific research;</p>