

**Criteria of Assessment of Knowledge in Radiology and Radiotherapy
of the Faculty of Foreign Students (taught in English)**

Grades of knowledge mastering	Points and marks	Criteria and values of assessment
The first grade - simple recognition	1	Lack of knowledge, refusal to answer any question.
	2	Mastering of some notions, facts. No answers to lecturer's direct questions.
	3 Mark – poor (unsatisfactory)	Superficial, fragmentary mastering of learned material. Handling of some notions, facts. Rough mistakes (1-2), not completely corrected after lecturer's additional questions.
The second grade – automatic, subconscious reproduction	4 Mark – satisfactory	Incomplete reproduction of learned material with low degree of understanding. Reproduction of mastered definitions, terms, information. Few mistakes (1-2) rapidly corrected after additional questions of a lecturer.
	5 Mark – intermediate between good and satisfactory	Incomplete reproduction of the learned material without generalizations and findings. Few mistakes (1-2) corrected with lecturer's aid.
The third grade-conscious reproduction	6	Full reproduction of the curriculum learned material. A few negligible mistakes.
	7 Mark – Good	Full reproduction of the curriculum learned material with some negligible mistakes (1-2). Ability of scientific terms and information handling.
The fourth grade – learned material using and handling in familiar situation	8 Mark – Very Good	Full reproduction of the curriculum learned material demonstrating systematized deep knowledge. Learned material handling in a typical situation. Ability to solve complex problems independently.
	9 Mark – Excellent/ passed or tested	Full reproduction of the curriculum learned material showing deep knowledge. Argument with the use of information from additional literature. Learned material handling in typical situations. Demonstration of cognitive activity.
The fifth grade – learned material using and handling in unfamiliar situation	10 Mark – with distinction	Learned material free perfect handling, giving many examples and showing deep knowledge. Argument with the use of information from additional literature. Demonstration of cognitive activity. Participation in student's research. Ability to solve independently complex medical problems in new situations.

Chief of Department
31/08/2022

Alexandrovich A.S.

**Criteria of Assessment of the 3rd Year Students
of the Faculty of Foreign Students (taught in English) Radiology and
Radiotherapy**

Grading students' knowledge and skills is done on the basis of a 10-point scale.

A. For computer knowledge test points are given by the following criteria:

Up to 20% of correct answers – 1 point.

21 – 59% of correct answers – 2 points.

60 – 64% of correct answers – 3 points.

65 – 69% of correct answers – 4 points.

70 – 79% of correct answers – 5 points.

80 – 84% of correct answers – 6 points.

85 – 90% of correct answers – 7 points.

91 – 94% of correct answers – 8 points.

95 – 99% of correct answers – 9 points.

100% of correct answers – 10 points.

B. The oral response grading is based on the following basic criteria:

10 (ten) points:

- Systematized, deep and comprehensive knowledge in all areas of the curriculum as well as on the major issues that go beyond its limits;
- Accurate use of scientific terminology, logical presentation of correct answers to questions;
- Expressed ability to solve independently complex problems in unfamiliar or risk situation;
- A complete and thorough understanding of basic and additional medical literature;
- The ability to navigate (to orient) in the theories, concepts and directions in the discipline of the curriculum, give them own evaluation and to use scientific achievements of other disciplines;
- A creative individual work at practical classes, active participation in group discussions, a high level of task execution.

9 (nine) points:

- Systematized, deep and comprehensive knowledge in all areas of the curriculum;
- Accurate use of scientific terminology, logical presentation of correct answers to questions;

- The ability to solve independently complex problems in an irregular situation within the curriculum;
- Complete assimilation of the basic and additional literature on the subject;
- The ability to navigate (to orient) in the basic theories, concepts and directions of the discipline being studied and give them a critical evaluation;
- Individual work in practical and laboratory classes.

8 (eight) points:

- Systematized, deep and comprehensive knowledge of all the issues covered in the volume of the curriculum;
- Use of scientific terminology and stylistically competent, logical presentation of correct answers to questions, the ability to make informed judgments;
- The ability to solve independently complex problems within the curriculum;
- Mastering the basic and additional literature on the subject;
- The ability to navigate (to orient) in the basic theories, concepts and directions of the studied discipline and give them an objective evaluation;
- Active individual work at practical, laboratory tasks; systematic participation in group discussions.

7 (seven) points:

- Systematized, deep and comprehensive knowledge in all areas of the curriculum;
- Use of scientific terminology, linguistically and logically correct statements answering the questions, the ability to make informed judgments;
- Mastering the basic and additional literature on the subject;
- The ability to navigate (to orient) in the basic theories, concepts and directions of the studied discipline and give them a critical evaluation;
- Individual work at practical, laboratory exercises and situational tasks, rare participation in group discussions.

6 (six) points:

- Sufficiently complete and systematized knowledge within the curriculum;
- The use of the necessary scientific terminology and stylistically competent, logical presentation of correct answers to the questions, the ability to make informed judgments;
- The ability to apply their own standard solutions within the curriculum;
- Mastering of the basic literature on the subject;
- The ability to navigate (to orient) in the basic theories, concepts and directions of the studied discipline and give them a comparative evaluation;
- Active individual work in practical, laboratory tasks, periodic participation in group discussions.

5 (five) points: _

- Sufficient knowledge to the extent of the curriculum;
- Mastering of the basic material on the subject;
- Use of scientific terminology, logical presentation of answers to questions, the ability to draw conclusions;
- The ability to navigate (to orient) in the basic theories, concepts and directions of the studied discipline and give them a comparative evaluation;
- Individual work at practical, laboratory exercises and tasks; participation in group discussions, a high level of culture in task execution.
- The ability to apply their own standard solutions within the framework of the curriculum.

4 (four) points: _

- Sufficient knowledge within the educational standard;
- Mastering the basic literature;
- Use of scientific terminology, logical presentation of answers to questions, the ability to draw conclusions without significant errors;
- The ability to solve standard (model) problem under lecturer's supervision;
- The ability to navigate (to orient) in the basic theories, concepts and directions of the studied discipline and evaluate them;
- Work under the guidance of a lecturer in the practical and laboratory classes.

3 (three) points :

- Incomplete knowledge of the studied material within the framework of the curriculum;
- Mastering of the basic material on the subject;
- Use of scientific terminology, the presentation of answers to questions with significant linguistic and logical fallacies;
- The inability to navigate (to orient) in the basic theories, concepts and trends of the studied subject;
- Passivity in the practical and laboratory classes.

2 (two) points:

- Fragmentary knowledge of the educational curriculum on the subject;
- Knowledge of separate recommended educational material;
- The inability to use the scientific terminology of the discipline, the presence of rough stylistic and logical errors in the response;
- Passivity at practical and laboratory classes, low cultural level of task execution.

1 (one) point:

- Lack of knowledge and competence within the framework of the curriculum or refusal to answer at all.

Chief of Department
31/08/2022



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Criteria of Assessment of Practical Skills in the Course of Radiation Diagnostics and Radiotherapy

Grades of mastering	Points	Criteria and values of assessment
First level - recognition	1	Lack of response or refusal from answer
	2	Incomplete performance of work with significant difficulties. Rough mistakes, not completely avoided at leading questions of teacher.
	3	Incomplete performance of work (45-55 %). Rough (1-2) mistakes, avoided at additional questions of teacher. Recognition of master anatomical and pathological objects at beam studies.
Second level – subconscious reproduction	4	Incomplete performance of work (55-65 %). Definition on radiation image of master symptoms. Material mistakes (1-2), short avoided at leading questions of teacher.
	5	Full performance of work. Description of material of radial study is given. Definition on radiation image of master symptoms. Difficulties with correct their treatment and defining of conclusion. Material mistakes (1-2), avoided at help teacher.
Third level –realized reproductions	6	Full performance of work. Decision of standard situations of radial study and treatments. Definition on radiation image of master symptoms with correct their treatment and defining of conclusion. Several negligible mistakes.
	7	Full performance of work. Decision of standard situations of radial study and treatments. Definition on radiation image of master symptoms with correct their treatment and defining of conclusion. Negligible mistakes (1-2).
Fourth level –using in familiar situation	8	Full performance of work. Decision of standard situations of radial study and treatments. Definition on radiation image of master symptoms with correct their treatment and defining of conclusion. Use of ready standard algorithms.
	9	Full performance of work. Decision of standard situations of radial study and treatments. Definition on radiation image of master symptoms with correct their treatment and defining of conclusion. Use of ready standard algorithms. Display of cognitive activity.
Fifth level – using in unfamiliar situation	10	Full performance of work. Decision of standard situations of radial study and treatments. Definition on radiation image of master symptoms with correct their treatment and defining of conclusion. Decision of tasks with non-standard (unfamiliar) situations. Display of cognitive activity, participation in self-education work of students and scientific work of students.

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