



**I.K.AKHUNBAEVA KYRGYZ STATE MEDICAL ACADEMY**

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**Analytical report**

**based on the results of satisfaction assessment  
students of the Faculty of General Medicine  
for foreign citizens of I.K. Akhunbaev  
for the 2017-2018 academic year.**

**Report prepared**

**by employees of the quality management department of education**

**Bishkek - 2018**

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## LIST OF ABBREVIATIONS AND TERMS

AVN

□

Software for electronic document management

University

□

Higher educational institution

GOS

□

State educational standard

KSMA

□

I.K. Akhunbaev Kyrgyz State Medical Academy.

EC

Elective courses (elective courses)

OTMS

Organization and tactics of the medical service

ISW

Independent work of students.

## **INTRODUCTION**

In order to improve the quality of the educational process at KSMA and to evaluate the curriculum in the specialty "Medicine for foreign citizens" of the faculty of MEDICINE FOR FOREIGN CITIZENS, in the 2017-2018 academic year, an assessment of students' satisfaction with the quality of educational programs was carried out.

This report presents the results of the assessment, conclusions and recommendations for improving the quality of the educational process at KSMA.

The presented results are aimed at improving the quality of the educational process in KSMA and are primarily a tool for determining the areas of application of efforts for the development of KSMA, and should not be used as a tool for punishment.

This chapter presents a descriptive and analytical report based on the results of a survey of students of the faculty.

FOREIGN CITIZENS, which was held from 1 to 19 May 2018 among students of KSMA from 1 to 6 courses at all faculties (Order of the rector of KSMA No. R-42 dated 2.05.2018).

The purpose of the study is to assess the satisfaction of students of the faculty of GENERAL MEDICINE FOR FOREIGN CITIZENS with the quality of the educational program in the specialty of General Medicine for foreign citizens.

### **The main objectives of the study:**

- assessment of the general satisfaction of KSMA students with the quality of the educational program;
  
- determination of the degree of student satisfaction with the curriculum of various disciplines;

- formation of the rating of departments based on the results of a survey of students;
- development of recommendations for improving the quality of the educational program and planning corrective and preventive measures.

### **RESEARCH TECHNIQUE:**

Assessment method: sociological survey using a specially designed questionnaire to study satisfaction and quality of disciplines (Appendix 1).

Assessment scale: Assessment was carried out using the Likert scale (a question asking to indicate the degree of agreement or disagreement with a certain statement) for five answer options:

1. Strongly disagree
2. Disagree
3. I doubt it
4. Agree
5. I completely agree

Assessment of the degree of satisfaction of students was carried out, according to the summary assessment, calculated as the proportion of the sum of positive answers ("completely agree" and "agree"), from the maximum possible sum of answers. In the summary assessment, the degree of student satisfaction over 80% was assessed as high, in the range from 50% to 80% - as average, less than 50% - as low. For the convenience of processing the obtained data, the automation of the input and processing of information was carried out. As screen forms, we used the text of the questionnaires, directly created for the survey in the AVN program with the help of the editor for drawing up the questionnaires. Additionally, an additional program was developed to display reports in the form of graphical data. The survey was conducted on the basis of the Center for the

Development of Clinical Skills and Knowledge Assessment, the Electronic Library and the Department of Physics, Mathematics, Informatics and Computer Technologies of the KSMA.

Sample: two-stage-cluster. The sample was formed in accordance with the requirements of the organization of sociological research. The percentage of distribution of questionnaires among groups of students is calculated in accordance with the number of students in all faculties. A confidence level of 95% was chosen with a confidence interval (error)  $\pm 4.9\%$ ;

Training course	Number of students who took part in the survey
1-course	193
2-course	52
3-course	51
4-course	47
5-course	31
6-course	19
Total students	393

According to the report generated in the AVN system, 393 students took part in the electronic survey. Students of all courses of the Faculty of Medicine for Foreign Citizens took part in the assessment of the curriculum of various disciplines.

## **CHAPTER 1 STUDENT SATISFACTION ASSESSMENT OF THE FACULTY OF MEDICINAL CASE FOR FOREIGN CITIZENS QUALITY OF TRAINING PROGRAMS**

When assessing the satisfaction of students of the Faculty of General Medicine for foreign citizens with the quality of educational programs, answers were received regarding the following aspects of quality in the context of individual disciplines:

1. The goals and objectives of the discipline were explained at the beginning of the course.
2. The division of the discipline into thematic sections was logical and consistent.
3. Lectures and practical assignments in the discipline corresponded to the set goals.
4. The content of the disciplines was clear.

5. At the end of the discipline, I received new theoretical knowledge that will help me in practice.
6. I am satisfied with the provision of methodological and educational literature on the discipline.
7. I am satisfied with the organization of independent work (IWS): explained and
8. I believe that the final test exam in the discipline allows you to objectively assess the student's learning outcome.
9. I believe that the quality of training specialists in the discipline is high

The average results obtained by adding up the satisfaction index in the subjects studied by the students of this faculty.

As can be seen from the figure, the average overall satisfaction of students of the Faculty of General Medicine for foreign citizens was 93%, which allows us to speak of high satisfaction. At the same time, it is necessary to point out that the explanation of the goals and objectives of the discipline being studied, the importance of the competencies provided by it and the learning outcomes are assessed by the students of this faculty at 93%.

The overwhelming majority of students of this faculty are satisfied with the consistency and consistency of dividing the studied disciplines into thematic sections (94%). Also, most of the students who participated in the survey believe that the lectures and workshops in their content corresponded to educational goals (93%).

Satisfaction with the availability of the submitted material was

93%, while the majority of students indicated that the theoretical knowledge gained helped them in practice - (92%).

92% of the surveyed students are satisfied with the final control of knowledge and believe that it is objective and transparent. Also, high satisfaction with the quality of training specialists at the faculty was noted - 92%.

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**Fig. 1. The results of assessing the satisfaction of students of the Faculty of General Medicine for foreign citizens of I.K. Akhunbaev KSMA by the quality of educational programs in the 2017-2018 academic year.**

It is noteworthy that satisfaction with the provision of educational literature was 96% - the largest indicator and the organization of students' independent work (IWS) (92%), while these indicators for students of other faculties were slightly lower than the other indicators of satisfaction.

Table 1 shows the summarized and averaged satisfaction indicators for all 9 questions of the questionnaire and ranking in the context of the disciplines taught, elective courses (CPV) and the practices carried out.

**Table 1.**

**Indicators of satisfaction of students of the Faculty of General Medicine for foreign citizens and ranking according to the degree of satisfaction in the context of the disciplines taught, elective courses (CPV) and the practices carried out.**

№	Name of the discipline	% Satisfied.	Rank
1	Oncology	100	1
2	Obstetrics and gynecology	100	1
3	HIV / AIDS (module :)	100	1
4	Internal Medicine (Mod KS)	100	1
5	Histology (Mod. Republican S.)	100	1
6	Dermatovenereology	100	1
7	Childhood diseases (Mod MS :)	100	1
8	Evidence-based medicine	100	1
9	Health promotion and advocacy	100	1
10	Hematopoietic system (Mod)	100	1
11	Radiation diagnostics (Mod MS)	100	1

12	Exercise therapy, medical control	100	1
13	Med.genetics (Mod NB)	100	1
14	Neurology (Mod NB)	100	1
15	Emergency	100	1
16	Nervous Diseases (Mod)	100	1
17	Normal Physiology (Mod KS)	100	1
18	Normal Anatomy (MC mod)	100	1
19	Normal Physiology (Mod MS)	100	1
20	General hygiene -3k	100	1
21	otorhinolaryngology (NS :)	100	1
22	Ophthalmology (mod NS :)	100	1
23	Pathology. Obstetrics (PAiN)	100	1
24	Pathological physiology (Mod MS :)	100	1
25	Pathophysiology (Mod KS)	100	1
26	Pediatrics (AML)	100	1
27	Pre-surgery	100	1

28	Cardiovascular system (Mod)	100	1
29	Musculoskeletal System (Mod)	100	1
30	Traumatology (Mod SMS)	100	1
31	Urology (Mod MS)	100	1
32	Physics (NS :)	100	1
33	Chemistry (Mod KS)	100	1
34	Surgical diseases	100	1
35	Epidemiology 3k	100	1
36	Forensic Medicine	100	2
37	Sectional course	98	3
38	Biochemistry (mod.MS)	98	4
39	Russian language 1-k	98	4
40	Pediatric surgery (mod NB)	97	4
41	Clinical microbiology (IB)	97	4
42	Microbiology (Gynecology)	97	4
43	Pathological anatomy - 4 k	97	4
44	Surgery (ES)	97	4
45	Infectious diseases	97	4

46	epidemiology (6 course)	97	4
47	Pediatric traumatology	96	5
48	Children's infectious diseases	96	5
49	Hygiene	96	5
50	Latin language	96	5
51	General physiotherapy, VK, exercise therapy	96	5
52	Phthisiology (BMPS)	96	5
53	Internal Diseases (BMPS) – (5 course)	95	5
54	Radiation diagnostics and diagnostics	95	5
55	Jurisprudence	95	5
56	Computer science	95	5
57	Pediatric Surgery (BMPS)	95	5
58	Basics of clinical examination in obstetrics and gynecology (Mod VVKM) _	95	5
59	Surgery (Blood Syst)	95	5
60	Medical imaging	95	5
61	ORP (family medicine)	95	5
62	Occupational diseases	95	5
63	Diseases of early age	94	6
64	Microbiology, Virology, Immunology	94	6
65	Operative surgery	94	6
66	Normal Anatomy – 1 course	94	6
67	Childhood diseases	94	6
68	Internal illnesses	94	6

69	Foreign language	94	6
70	Mathematics	94	6
71	Ophthalmology	93	7
72	Biology with the basics of ecology (from class to organ)	93	7
73	Gynecology	93	7
74		93	7
75	Neurology (Mod NS)	92	8
76	Physical culture 1course	92	8
77	surgical diseases CPV	92	8
78	Russian language 6 course	92	8
79	Physical culture 2 course	92	8

80	Physics (from cage to organ)	92	8
81	Pediatrics (BPMS)	91	9
82	Parasitology	91	9
83	Traumatology and Orthopedics (T&O)	91	9
84	Basic pharmacology	91	9
85	Biology with the basics of ecology (from m to class)	91	9
86	Biochemistry (from class to organ)	91	9
87	Chemistry	90	10
88	Neonatology	90	10
89	Fundamentals of propaedeutics in surgery (module of introduction to clinical medicine)	90	10
90	Basics of wedge examination in children. diseases (Mod VVKM)	90	10
91	Patanatomi (BMPS)	90	10
92	Pathological anatomy - 2 course	90	10
93	Psychiatry and narcology	89	11
94	Histology	89	11
95	Histology (from class to organ)	89	11
96	Russian language 2 - course	88	12
97	Fundamentals of Clinical Examination in Internal Diseases (Mod VVKM)	88	12
98	Normal Anatomy – 2course	88	12
99	Urology (BMPS)	88	12
100	Infectious Diseases (IB)	88	12
101	History of medicine	87	13
102	Clinical pharmacology – 4 course	87	13
103	Clinical biochemistry	86	14
104	Medical parasitology	86	14
105	Pathophysiology	85	15
106	internal medicine (BMPS) – 4 course	85	15
107	OOZ	84	16
108	Epidemiology 5course	84	16
109	KPV -2course	84	16
110	National history	84	16
111	Philosophy	82	17
112	CPV – 3course	81	18
113	Clinical pharmacology – 5course	79	19

114	Manas introduction	78	20
115	CPV – 4course	74	21
116	OMK	73	22
117	OZZ (CHOZ)	71	23
118	Dentistry	69	24
119	Introduction to ORP	69	24
120	general hygiene -4course	69	24
121	Otorhinloringology	67	25
122	Immunology (Mod SMS)	66	26

As shown in the table, the greatest satisfaction among students was caused by such disciplines as Oncology, Obstetrics and Gynecology, HIV / AIDS (module :), Internal medicine (Mod KS), Histology (Mod. Republican S.), Dermatovenereology, Children's diseases ( Mod MS :), Evidence-based medicine, Information activities for the protection and promotion of health, Hematopoietic system (Mod), Radiation diagnostics (Mod MS), exercise therapy, medical control, Med. Genetics (Mod NB), Neurology (Mod NB), Emergency, Nervous Diseases (Mod), Normal Physiology (Mod KS), Normal Anatomy (Mod MS), Normal Physiology (Mod MS), General Hygiene -3<sup>rd</sup> course, Otorhinolaryngology (NS :), Ophthalmology (mod NS :), Pathology. Obstetrics (PAiN), Pathological physiology (Mod MS :), Pathophysiology (Mod KS), Pediatrics (BOD), Propedsurgery, Cardiovascular system (Mod), Musculoskeletal system (Mod), Traumatology (Mod SMS), Urology ( Mod MS), Physics (NS :), Chemistry (Mod KS), Surgical diseases, Epidemiology 3<sup>rd</sup> course, Forensic medicine, Sectional course, Biochemistry (mod.MS), Russian language 1<sup>st</sup> course, Pediatric surgery (mod. NB), Clinical microbiology (IB), Microbiology (Gynecology), Pathology – 4<sup>th</sup> course, Surgery (ES), Infectious diseases, epidemiology 6<sup>th</sup> course, Pediatric traumatology, Children's infectious diseases, Hygiene, Latin, General physiotherapy, VK, exercise therapy, Phthisiology (BMPS), internal medicine (BMPS) – 5<sup>th</sup> course, radiation diagnostics and diagnostics, Jurisprudence, Informatics, Pediatric surgery (BMPS), Fundamentals of clinical examination in obstetrics and gynecology (Mod VVKM) –, Surgery (Blood.syst), Medical Imaging (Mod VVKM), ORP (Family Medicine), Occupational Diseases - the average level of satisfaction ranged from 95% to 100%.

The average level of satisfaction is noted in such disciplines as Clinical Pharmacology – 5<sup>th</sup> course, Manasovvedenie, KPV – 4<sup>th</sup> course, OMK, OZZ (ChOZ), Dentistry, Introduction to OVP, General Hygiene -4<sup>th</sup> course, Otorhinolaryngology, Immunology (Mod SMS) - average level of satisfaction from 50% to 80%

## CONCLUSION:

Thus, the assessment of the satisfaction of students of the faculty of HEALING FOR FOREIGN CITIZENS with the quality of educational programs showed:

1. In general, high satisfaction of students of the Faculty of General Medicine for foreign citizens with the quality of educational programs at the level of 93% was noted.

## Attachment 1

### Application form

**"Satisfaction of KSMA students with the quality of disciplines curriculum" (The survey is conducted anonymously).**

**Dear Student! The presence of feedback is very important for studying the quality of teaching disciplines and modules at I.K. Akhunbaeva KSMA. In this questionnaire, we ask you to mark the answer options that best match your opinion.**

#### 1. General information:

- 1.1. Specify your gender Male Female
- 1.2. What kind of student are you? Budget Contract
- 1.3. Specify faculty Drop-down list
- 1.4. Specify Course Dropdown

2. Please rate the curriculum of the discipline. Select the appropriate discipline: Drop-down list

№	Evaluation of the curriculum of the discipline	I totally disagree	Disagree	I doubt it	I agree	Completely I agree
	The goals and objectives of the discipline were explained at the beginning of the course.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	The division of the discipline into thematic sections was logical and consistent	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	Lectures and practical assignments in the discipline corresponded to the set goals	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

	The content of the disciplines was clear.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	At the end of the discipline, I received new theoretical knowledge that will help me in practice.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	I am satisfied with the provision of methodological and educational literature on the discipline.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	I am satisfied with the organization of independent work (IWS): (explained and provided advice).	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	I believe that the final test exam in the discipline allows you to objectively assess the student's learning outcome.	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
	I believe that the quality of training specialists in the discipline is high	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

**Thank you very much for your participation!**