

To the Accreditation Council of the
Eurasian Center for Accreditation
and Quality Assurance
of Education and Health Care
05.02.2024

**REPORT
OF THE EXTERNAL EXPERT COMMISSION
ON THE RESULTS OF THE ASSESSMENT OF THE EDUCATIONAL
PROGRAM "ADULT AND PEDIATRIC GASTROENTEROLOGY"
OF LLP "KAZAKHSTAN MEDICAL UNIVERSITY "HSPH"
FOR COMPLIANCE WITH THE ACCREDITATION STANDARDS OF
POSTGRADUATE EDUCATION PROGRAMS (RESIDENCY SPECIALTIES)
OF MEDICAL EDUCATIONAL ORGANIZATIONS**

period of external expert assessment: 21.01 - 23.01.2025

Almaty 2025

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LIST OF SYMBOLS AND ABBREVIATIONS

Abbreviation	Designation
ECAQA	Eurasian Center for Accreditation and Quality Assurance in Education and Health Care
WFME	World Federation for Medical Education
MS and HE RK	Ministry of Science and Higher Education of the Republic of Kazakhstan
AD	Administrative Department
AP	Academic Policy
BCD	Basic compulsory disciplines
HEI	Higher educational institution
SAC	State Attestation Commission
SCSE	State compulsory standard of education
DPE	Department of Postgraduate Education
DSD&QMS	Department of Strategic Development and Quality Management System
DEF	Department of Economics and Finance
DSC	Department of Science and Consulting
CS	Clinical site
CME	Control and measuring equipment
CT	Comprehensive testing
CED	Catalog of elective disciplines
CE	Comprehensive exam
MH RK	Ministry of Healthcare of the Republic of Kazakhstan
MSHE RK	Ministry of Science and Higher Education of the Republic of Kazakhstan
SC	Scientific Council
STP	Scientific and technical program
RW	Research work
OHPE	Organization of higher and postgraduate education
PH	Public healthcare
CC	Compulsory component
EP	Educational program
OSCE	Objective structured clinical exam
TS	Teaching staff
RK	Republic of Kazakhstan
Mass media	Mass media
CYS	Council of young scientists
CYSC	Council of young scientists and clinicians
LLP KMU “HSPH”	Limited Liability Partnership “Kazakhstan Medical University “HSPH”
SC	Standard curriculum
AC	Academic Council
EMC	Educational and methodological council
RD	Residency department
EDS	Electronic digital signature
CBL	Challenge Based Learning
GPA	Grade Point Average
PhD	Philosophy Doctor
TBL	Team Based Learning
PBL	Problem Based Learning

1. Composition of the External Expert Commission

In accordance with the order of the ECAQA under No.01 dated 09.01.2025, the External Expert Commission (hereinafter referred to as the EEC) was formed to conduct an external assessment of the educational program of residency in the specialty "Adult and Pediatric Gastroenterology" from January 21 to 23, 2025, consisting of the following members:

No.	Status in the EEC	Full name	Academic degree/title, position, place of work/place of study, year, specialty
1	Chairperson	Kudabayeva Khatimya Ilyassovna	Associate Professor, Candidate of Medical Sciences, Professor of the Department of Internal Medicine No.1 of the NJSC "West Kazakhstan Medical University named after Marat Ospanov"
2	International Expert	Sheppley Yelena Vladimirovna	MBA, Lecturer of the Department of Modern Management Technologies in Healthcare of the Private Educational Institution of Additional Professional Education "Academy of Medical Education named after I.F. Inozemtsev". Expert at the Federal State Budgetary Institution "National Institute of Quality" of Federal Service for Supervision of Healthcare in the project on the implementation of practical recommendations of Federal Service for Supervision of Healthcare. Deputy Director General of the Self-Regulatory Organization "Association of Private Clinics of St. Petersburg".
3	Academic Expert	Zhumalina Akmaral Kanashevna	Doctor of Medical Sciences, Professor, Head of the Department of Pediatric Diseases with Neonatology of the NJSC "West Kazakhstan Medical University named after Marat Ospanov"
4	Academic Expert	Bozhbanbayeva Nishangul Seitbekovna	Doctor of Medical Sciences, Professor, Head of the Department of Neonatology of the NJSC "Kazakh National Medical University named after S.D. Asfendiyarov"
5	Academic Expert	Bagiyarova Fatima Arystanovna	Candidate of Medical Sciences, Professor of the Department of Communication Skills of the NJSC "Kazakh National Medical University named after S.D. Asfendiyarov"
6	Academic Expert	Akhmetova Almira Kalikapassovna	Candidate of Medical Sciences, Associate Professor, Acting Professor of the Department of Infectious Diseases, Dermatovenereology, Immunology of NJSC "Semey Medical University".
7	Academic Expert	Karibayeva Dina Orynassarovna	Candidate of Medical Sciences, Associate Professor of the Department of "General Medical Practice" NEI "Kazakhstan-Russian Medical University"
8	Academic Expert	Zhakenova Saira Sakhipkereyevna	Candidate of Medical Sciences, Senior Lecturer of the Otorhinolaryngology Course of NEI

			"Kazakhstan-Russian Medical University"
9	Academic Expert	Kabildina Nailya Amirbekovna	Candidate of Medical Sciences, Professor, Oncosurgeon, Head of the Department of Oncology and Radiation Diagnostics of NJSC "Karaganda Medical University"
10	Academic Expert	Zhanaspayeva Galiya Amangaziyevna,	Candidate of Medical Sciences, Head of the Rehabilitation Department of the Republican state enterprise based on the Right of Economic Management "National Scientific Center of Traumatology and Orthopedics named after Academician N.D.Batpenov" of Ministry of Healthcare of the Republic of Kazakhstan, doctor of physical medicine and rehabilitation of the highest category
11	Employer Expert	Kunayeva Gulbanu Dzhanabayevna,	Deputy Director for Strategic Development of the Central City Clinical Hospital of Almaty
12	Resident Expert	Bekenova Asemkul Berikovna	Second-year resident in the specialty "Radiology" of the Kazakh National University named after Al-Farabi

The EEC report includes a description of the results and the conclusion of the external assessment of the educational program "Adult and Pediatric Gastroenterology" for compliance with the Accreditation Standards for Postgraduate Education Programs (Residency Specialties) of Medical Education Organizations and conclusions (hereinafter referred to as the Accreditation Standards), recommendations of the EEC for further improvement of approaches and conditions for the implementation of the above-mentioned educational program and recommendations for accreditation for the ECAQA Accreditation Council.

2. General part of the final report

2.1 Presentation of the residency educational program in the specialty "Adult and Pediatric Gastroenterology"

Name of the organization, legal form of ownership, BIN	LLP "Kazakhstan Medical University "HSPH" BIN 011 240 001 712
Management body	Rector
Full name of the first director	Auyezova Ardak Mukhanbetzhanovna Rector, PhD.
Date of establishment	21.07.1997
Location and contact details	The Republic of Kazakhstan, Almaty, Utepov St. 19A.
State license for educational activities in residency (date, number)	License for educational activities No. KZ18LAA00006861 dated 21.04.2016 Annex to the license for educational activities - Postgraduate education (7R011 - Healthcare), date of issue of the annex – 26.12.2023
Year of commencement of the implementation of the accredited educational program (EP)	Start year - 2024 Total number of graduates since the beginning of the residency programs - none.
Duration of study	from 2 to 3 years
Number of residents in the current academic year	39, including 2 gastroenterologist residents
Quality indicators in residency	Number of residents in programs " 39 " expelled over a

	period of 5 years - _0_, including for poor performance - _0_ people.
Full-time teachers/part-time workers involved in the implementation of the EP, incl. % of degree holders	Total number of teachers - 112, including full-time - 42, part-time - 70 teachers-mentors (clinical). Proportion of degrees, % - 81% Categorization, % - 100

LLP "Kazakhstan Medical University "HSPH" (hereinafter - LLP KMU "HSPH") was opened in 1997 as the Kazakhstan School of Public Healthcare (Resolution of the Government of the Republic of Kazakhstan No.1142 dated July 21, 1997, (<https://adilet.zan.kz/rus/docs/P970001142>) and reorganized in 2016.

LLP KMU "HSPH" is an independent university in the field of healthcare, providing postgraduate education and additional professional education in accordance with the State License without a term limitation for educational activities series No. KZ18LAA00006861 (link: [License for Educational Activities](#)), issued by the Committee for Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan dated April 21, 2016.

LLP KMU "HSPH" has a license for the right to conduct educational activities No. KZ18LAA00006861 dated 21.04.2016 (unlimited) and an annex to the license (link: [License for Educational Activities and Annex to the License \(Healthcare\)](#)), as well as accreditation certificates: Institutional accreditation IA No.00035 dated 25.05.2021 – 24.05.2026 (link: [Institutional accreditation](#)), Specialized accreditation SA No.00058-63 dated 25.05.2021 – 24.05.2026 (link: [Specialized accreditation](#)).

The quality management system of LLP KMU “HSPH”, which complies with the international standard ISO 9001:2015, was certified and confirmed by the international certification body – TQCSI (Kazakhstan) – certificate No. KZ282-QC dated January 13, 2017, recertification dated April 13, 2023 (link: <https://ksph.edu.kz/accreditations/>).

The total number of students at LLP KMU “HSPH”: 332 students, including 137 master's students and 81 doctoral students; 114 residents.

As a result of ranking enterprises of the Republic of Kazakhstan by financial and economic indicators, LLP KMU “HSPH” was awarded the title of "Leader of the Year of the National Business Rating - 2017".

According to the indicators of scientific and innovative activities for 2020 and the assessment of the dynamics of rating indicators over the past three years, conducted by the Republican Center for Healthcare Development, LLP KMU “HSPH” took 1st place in the rating of non-clinical medical science organizations.

The activities of LLP KMU “HSPH” are expanding in the regions of the Republic of Kazakhstan: a branch has been organized and is functioning in Astana, we cooperate with regional clinics, which contributes to the growth of regional availability of services provided by LLP KMU "HSPH".

Educational activities in LLP KMU "HSPH" are carried out in accordance with the Constitution of the Republic of Kazakhstan, the Law of the Republic of Kazakhstan dated July 27, 2007 No. =319-III "On Education", the State Program for the Development of Education and Science of the Republic of Kazakhstan for 2020-2025.

LLP "Kazakhstan Medical University "HSPH" was accredited by the Ministry of Education and Science of the Republic of Kazakhstan on December 15, 2020 as a subject of scientific and (or) scientific and technical activities (accreditation certificate: series MK No.006347) (link: [Accreditation Certificate \(scientific and \(or\) scientific and technical activities\)](#)).

In 2023, the number of publications prepared and published in international peer-reviewed publications indexed in the international databases Web of Knowledge and Scopus, amounted to 33

articles. Active work is underway to attract foreign experts, visiting professors to the educational process and joint scientific activities.

The mission of the medical organization KMU "HSPH" is to improve the health of society through high-quality education, applied science and effective consulting. The mission of the educational program in the specialty 7R01109 "Adult and Pediatric Gastroenterology" is aimed at implementing the mission of LLP KMU "HSPH", through the training of a highly qualified, competitive gastroenterologist (adult, pediatric) capable of quickly and correctly responding to healthcare challenges, able to apply advanced innovative technologies, navigate complex clinical cases, focused on improving the health of society through high-quality education, applied science and practice.

2.2 Information about previous accreditation

Until now, the educational program "Adult and Pediatric Gastroenterology" has not been accredited.

2.3 Brief description of the results of the analysis of the self-assessment report of the educational program of residency in the specialty "Adult and Pediatric Gastroenterology" and conclusions on completion.

The report on the self-assessment of the educational program of residency in the specialty "Adult and Pediatric Gastroenterology" (hereinafter referred to as the report) is presented on 153 pages of the main text, copies or electronic versions of 29 documents located at the link <https://drive.google.com/drive/folders/1P1kuKjUSMDrBjWguu8rNIIHsEZnXCbbs>

The report is characterized by completeness of answers to all 9 main accreditation standards and criteria, structured taking into account the recommendations of the Guidelines for conducting self-assessment of the educational program, provided to the educational organization by the accreditation center - ECAQA, as well as internal unity of information. The report is accompanied by a cover letter signed by the rector Auyezova Ardak Mukhanbetzhanovna, which confirms the reliability of the quantitative information and data included in the self-assessment report.

The report contains a list of 10 members of the internal self-assessment commission indicating the responsibility of each employee, information about the representative of the organization responsible for conducting self-assessment of the educational program - Baisultanova A.Sh. - head of the department of therapy with courses in gastroenterology, psychiatry and medical rehabilitation and gerontology.

Self-assessment of the educational program 7R01109 "Adult and Pediatric Gastroenterology" was conducted based on Order No.139 dated September 23, 2024 "On the establishment of a working group".

All standards provide the University's actual practice of training residents in the specialty "Adult and Pediatric Gastroenterology" taking into account the start of student admission in 2024, substantiated data, examples of implementing the objectives of the educational program, national and international events, methodological support, confirming compliance with the requirements of accreditation standards. The description in the self-assessment report is quite complete and updated in terms of the number of residents, teachers, administration, information on selection and admission, training outcomes, knowledge and skills assessment results, the material and technical resource of the university and clinical sites, contractual obligations with partners (universities, associations, bases), financial information, development and improvement plans.

The report is submitted to the ECAQA in its final form, with data adjustments based on the above recommendations, written in literate language, the wording for each standard is clear and understandable, and described in accordance with the criteria of the standards, tables and figures (diagrams, photographs) contain links in the text and are numbered sequentially.

3. Description of the external expert assessment

The external expert work within the framework of the assessment of the educational program 7R01104 "Adult and Pediatric Gastroenterology" was organized in accordance with the Guidelines for the external assessment of educational organizations and educational programs of the ECAQA. Dates of the visit to the organization: January 21-23, 2025. The sequence of the visit over 3 days is presented in detail in Annex 3 to this report.

To obtain objective information, the EEC members used the following methods and their results:

- conversation with management and administrative staff - 10 people;
- interviews with residents – 3 people
- study of the website ksph@ksph.kz
- interviews with 12 employees, 12 teachers, 1 mentor for the EP;
- questionnaires for teachers and residents – 37 and 37, respectively;
- observation of resident training: attending 1 practical lesson at the Central City Clinical Hospital, professor of the department Aldasheva Zhanat Akhmetovna conducted a practical lesson with 1st year residents in the discipline "Gastroenterology" on the topic of Gastritis. Diagnostic algorithm, differential diagnostics. Treatment tactics. Clinical protocols of the Ministry of Healthcare of the Republic of Kazakhstan. Innovative teaching method "Clinical case analysis".
- review of resources in the context of fulfilling accreditation standards: 1 practice/clinical training base was visited, including the State-owned utility Enterprise based on the Right of Economic Management "Central City Clinical Hospital" at the address: Dzhandossov 6, where training is conducted on 3 educational programs with the participation of 12 full-time teachers;
- study of educational and methodological documents in the amount of 29 units both before the visit to the organization and during the visit to the divisions (the list of documents studied is in **Annex 2**).

The staff of the accredited organization ensured the presence of all persons specified in the visit program and in the lists of interview and conversations sites (Table 1).

Table 1 - Information on the number and category of participants in meetings, interviews and conversations with EEC members

No.	Position	Quantity
1	Management of KMU HSPH 1. Vice-Rector for Academic and Scientific Activities – Doctor of Medical Science, Professor Kamaliyev Maksut Adilkhanovich 2. Vice-Rector for Clinical Activities – Doctor of Medical Sciences, Professor Dzhumabekov Auyes Khan Tulegenovich 3. Commercial Director – Kadirbekova Fatima Abzhaparovna 4. Advisor - PhD, Birimzhanova Marzhan Dikhanovna 5. Department of Science and Consulting, Director – PhD, Karibayeva Indira Kazbekovna 6. Scientific Council, Secretary – Moynbayeva Sharapat Markashevna 7. Department of Residency, Director – Abirova Akmaral Adilkhanovna 8. Department of Residency, Deputy Director – Abdykalykova Ainur Imashevna	10
2	Educational and Clinical Center, Specialist – Dospanbetova Zaure Uzakbayevna	1
3	Library, Librarian – Dauletkaliyeva Aitzhamal Koshbayevna Department of Digitalization and Technical Support, Director - Kazakbayev Askar Zakirzhanovich	2

4	HR Department, HR Specialist - Mynbayeva Dinara Saparovna	1
5	Department of International Activities, Acting Director - Sarsembayeva Dana Onlasbekovna	1
6	Department of Methodology and Quality of Educational Programs, Director - Sarsenova Lyazzat Kadyrgaliyevna	1
7	Department of Strategic Development and QMS, Acting Director - Turykbayeva Zhaniya Bekbolatovna	1
8	Department of Additional Professional Education, Director - Rgynbayeva Roza Zhetpisbayevna	1
9	Academic Council, Secretary - Ryskulova Almagul Rakhimovna, Candidate of Medical Sciences, Associate Professor	1
10	Department of Economics and Finance, Chief Accountant – Mazhitova Diana Mauletkanovna	1
11	Teachers (Teaching staff): 1.Baisultanova Ayash Charipkanovna, Head of Department 2. Iskakova Gaukhar Bakhtanovna, Deputy Principal of Department 3. Dzhussipov Alikhan Kazakhbayevich, Professor 4. Karibayev Kairat Rakhmaniyeich, Professor 5. Aldasheva Zhanna Akhmetovna, Professor 6. Zulfikarova Elvira Talgatovna, Associate Professor 7. Bespalova Lyudmila Yuryevna, Associate Professor 8. Rakhmensheyev Sapar Kuttybayevich, teacher 9. Yessengarayeva Saule Damirovna, Associate professor 10.Kumarbekova Nurila Aitymbekovna, teacher 11. Zhanseitova Gulmira Pernekhanovna, teacher 12. Torekulova Aigul Akhmetovna, teacher	12
12	Residents: 1.Abdrakhman Raiymbek Turgynkassymuly 2.Roman Kuanysh Bakytbaiuly 3.Sabraliyev Reshad Aitkanovich	3
13	Employers: 1Tazhiyeva Aigul Yessentayevna State-owned utility enterprise based on the Right of Economic Management "City Hospital No.17" 2. Shalabayeva Aigul Duisenovna LLP "Keruen-Medicus" 3. Izbagambetov Nursultan Amangossovich State-owned utility enterprise based on the Right of Economic Management "Almaty Oncology center" 4. Smagulov Alibek Mukhamedzhanovich State-owned utility enterprise based on the Right of Economic Management "Center for Children's Emergency Medical Care" 5. Dzhugashev Almaz Bolatovich State-owned utility enterprise based on the Right of Economic Management "City Hospital of Emergency Care" 6. Kusainov Abay Zkriyevich JSC "Scientific Center for Pediatrics and Pediatric Surgery"	6

On the last day of the visit to the organization, a meeting of the EEC members was held on the results of the external assessment. A final discussion of the results of the external assessment of the educational program, examination of documents, conversation results, interviews and questionnaires were held. The EEC members began drafting the final report of the EEC. Generalizations of the external assessment results were made. The experts individually filled out the "Quality Profile and Criteria for External Assessment of the Educational Program "Adult and Pediatric Gastroenterology" for Compliance with the ECAQA Accreditation Standards." The EEC members did not make any

comments. Recommendations for improving the educational program were discussed and the chairperson, Kudabayeva Kh.I., held a final open vote on the recommendations for the ECAQA Accreditation Council.

Comfortable conditions were created for the work of the EEC, access to all necessary information and material resources was organized. The Commission notes the high level of the University's corporate culture, the high degree of openness of the team in providing information to the EEC members.

The majority of respondents (97.3%) believe that it is necessary to conduct accreditation of an educational organization or educational programs.

According to 83.78% of teachers, the survey conducted by the ECAQA is useful for developing recommendations for improving key areas of activity of the accredited educational organization.

At the end of the visit program, the chairperson of the EEC announced recommendations for the management and employees of the educational organization based on the results of the external assessment as part of the specialized accreditation.

4. Analysis of compliance with accreditation standards based on the results of the external assessment of the educational program of residency in the specialty 7R01104 "Adult and pediatric gastroenterology"

Further, evidence of implementation and compliance with standards and substandards, as well as deficiencies identified during the external assessment, a conclusion on compliance with accreditation standards and recommendations for improving the quality of the educational program are presented.

Standard 1: MISSION AND FINAL OUTCOMES

1.1 Mission statement

During the implementation of the program activities, namely, following the conversation with the first head of the organization, members of the Academic Council, in interviews with residents and teachers, compliance with the criteria of *Standard 1* was established. All participants in the educational process know the mission of the educational program, took part in the formation of proposals for formulating the mission, while the mission is communicated to potential residents through the website, social networks, information letters to medical organizations. The strategic plan of the organization for a period of 5 years was reviewed, including such areas as educational, scientific, clinical, which confirms the fulfillment of the accreditation standard and demonstrates the goals, objectives and prospects of the organization. From interviews with residents, it was established that before the start of classes, teachers inform about the mission, work plans of the educational organization, tell where to get the necessary information about the educational program, teachers, training bases.

During the visit to the educational organization's divisions, the experts noted the educational organization's strengths in relation to the accredited educational program, including: there are procedures for developing and adopting legal acts and their management; conditions for mastering the necessary competencies have been created; the educational programs have been developed based on a competency-oriented model of a residency graduate, in accordance with the needs of the labor market; highly qualified staff of teachers and mentors; sufficient material and technical resource. In LLP KMU "HSPH" there are divisions that are directly related to the educational program "Adult and Pediatric Gastroenterology" which can be noted as the best practice in education, namely the educational and methodological council, the quality council, the Department of Methodology and Quality of Educational Programs, the Department of Strategic Development. This conclusion is made, since they determine the main directions of the introduction and application of innovative teaching technologies in the educational process, monitoring of programs is carried out strictly according to the algorithm.

The results of the documentation study demonstrate that the mission of the organization and the mission of the educational program in the specialty 7R01104 "Adult and Pediatric Gastroenterology" and the educational process is built in accordance with the State Compulsory Educational Standard and current regulatory legal acts (RLA) in postgraduate education and healthcare. The results of the

documentation study demonstrate that the mission of the organization and the mission of the educational program "Adult and Pediatric Gastroenterology" were discussed at meetings of the collegial bodies of LLP KMU "HSPH", which include representatives of practical healthcare, the Employers' Council (link: [Minutes of the Employers' Council Meeting dated 11.07.2023](#)), the Educational and Methodological Council (link: [Minutes of the Educational and Methodological Council Meeting dated 20.04.2023](#)) and approved at the meeting of the Academic Council (link: [Minutes of the Meeting of the Academic Council dated 27.04.2023](#)).

The educational organization conducts training of residents at the following clinical sites and divisions: at the State-owned utility Enterprise based on the Right of Economic Management "Central City Clinical Hospital", State-owned utility Enterprise based on the Right of Economic Management "City Polyclinic No.5", Hepatocenter and Childhood at the Scientific Center for Pediatrics and Pediatric Surgery of Almaty with the appropriate modern equipment and the necessary conditions for high-quality training of residents have been created, where a patient-oriented approach is ensured through the implementation of real practical tasks by residents at clinical sites at all levels of medical care. The educational organization pays due attention to the safety and autonomy of patients by creating conditions for the active participation of the resident under the guidance of the Clinical Mentor in providing treatment and diagnostic measures to patients from the emergency room level, patient supervision, support and interpretation of laboratory and instrumental research methods in order to master practical skills within the framework of professional competencies, according to the State Compulsory Educational Standard, Standard Curriculum in the specialty 7R01104 "Adult and Pediatric Gastroenterology". During the training, residents rotate across all clinical sites where there is close contact with patients of various pathologies under the supervision of the clinical mentor, which is reflected in the individual work plan (IWP) of residents, taking into account their individual preferences and requests for practical healthcare.

The experts found that residents have appropriate working conditions to support their own health, since the clinical sites carry out organizational and technical measures for the safety and labor protection of students, provide them with the personal protective equipment necessary for work. Before starting work, residents undergo training and sign a safety familiarization sheet. At the clinical sites of the department, residents will have the opportunity to have hot meals, rest in their free time, work with specialized educational and scientific literature (link: List of agreements with Clinical Sites of LLP KMU HSPH. A medical center operates in LLP KMU "HSPH" (license No.15022071 dated 23.12.2015), located on the first floor of the building of LLP KMU "HSPH" (link: [License for Medical Activity](#)).

Such basic competencies of residents in the accredited specialty as a practicing physician, a specialist physician of the relevant profile with an interdisciplinary approach, as well as special competencies including "Clinical skills", PC2 "Communications", PC3 "Professionalism", PC5 "Research", PC6 "Personal and professional development" help LLP KMU "HSPH" to apply innovative forms of training. This will allow residents to develop such skills and qualities as the skills of a researcher, medical expert, manager.

The educational organization encourages residents to strive to participate in research in the chosen specialty through the study and analysis of scientific material, best practices, international guidelines for diagnosis and treatment (PubMed, Elsevier, Cochrane Library, Clinical Trials), access to which is provided by the university, as well as conditions are created for social and creative activity in various spheres of life, and also ensures the participation of residents in such academic events as participation in health education events, charity events ("Open Days"); in volunteer movements, etc.

1.2 Professionalism and professional autonomy

Experts have determined that the formation of professionalism includes the ability to demonstrate the qualities necessary to maintain continuous personal and professional growth, continuous improvement of patient care based on continuous self-assessment and lifelong learning, as well as commitment to the performance of professional duties, compliance with ethical principles and the use of the most effective methods to ensure a high level of safety and quality of medical care. The

educational organization promotes the professional autonomy of residents by providing them with independent patient reception, night calls and holiday calls (4 calls per month, according to the Regulations on Residency).

Experts have established that the educational organization fully implements autonomy in relation to the selection of residents for the accredited specialty, is regulated by the Standard Rules for admission to educational organizations implementing professional educational programs of postgraduate education, the internal document of Rules for admission to Residency (link: [Rules for Admission to Residency](#)), development of an educational program, determination of approaches to assessing residents within the framework of the adopted document "Rules for the Development of Educational Programs of LLP KMU "HSPH"" (link: [Rules for the Development of EP of LLP KMU "HSPH"](#)) freedom is provided in compiling the EP, which is achieved through the university component and elective disciplines.

The responsible employees demonstrated to the experts a document defining the requirements for teachers of the residency program "Residency Regulation" approved by the Academic Council dated August 29, 2024. There was no employment of residents in the organization, since there were no residents graduating at all.

To verify Standard 1, a meeting was held with the Vice-Rectors for Academic and Scientific Activities – Doctor of Medical Sciences, Professor Kamaliyev M.A., for Clinical Activities – Doctor of Medical Sciences, Professor Dzhumabekov A.T., Advisor - PhD, Birimzhanova M.D. and heads of departments. During the conversation, the experts asked the following questions: about the involvement of teachers and students in the work of the methodological commission, the involvement of employers and all interested parties in the formation of proposals for the selection of programs, for improving the material and technical resource, the main directions of strategic planning, as well as approaches to attracting employees of clinical sites for teaching, the strategy and tactics of enrolling residents, information support for education and problems in managing and developing human resources. Vice-Rector Kamaliyev M.A. confirmed and voiced the vision and key activities for the implementation of the development strategy, integration of clinical, scientific and educational activities, the experts also reviewed the strategic plan for 5 years, some financial documents, interviewed employees of the HR department and the financial and economic sector, which also allowed validating accreditation standards 8, 9.

Academic freedom of residents is manifested in participation in the organization of the curriculum of the specialty during the direct discussion and approval of the educational program (EP), at the level of developing individual plans for residents (IPR) and elective components (EC) at Council meetings, and is ensured by the organization of education through such mechanisms as freedom of action in choosing disciplines and forming an individual learning path, is regulated by the Academic Policy of KMU "HSPH" (link: [Academic Policy of LLP KMU "HSPH"](#)), residents are members of the Council of Young Scientists and are described in the document "Regulations on the Council of Young Scientists" dated November 2, 2020 (link: [Regulations on the Council of Young Scientists](#)).

When conducting a survey of 37 residents (on the resource <https://webanketa.com/>), out of 22 questions, a number were devoted to the quality of the educational process and the educational program. It was found that 97.3% of residents would recommend studying in this educational organization to their acquaintances, friends, relatives. And 94.59% of respondents believe that the heads of the educational program and teachers are aware of the problems of students related to training. To the question "Do you think this educational organization allows you to acquire the necessary knowledge and skills in your chosen specialty?", 100% of residents answered positively, 0% are not sure about this, 0% could not yet answer this question and 0% would like to believe it.

The 37 teachers surveyed (21 questions of the survey) also answered that 94.59% are satisfied with the organization of work and the workplace in this educational organization, and 2.7% partially agree with this statement. The experts determined that the organization has a healthy microclimate, since the head is quite accessible to both residents and employees, and responds promptly to requests and questions. In the questionnaire, 100% of teachers are satisfied with the microclimate of the

organization. According to 91.89%, a teacher has the opportunity to realize himself/herself as a professional in his/her specialty in the educational organization. For your information, a total of 37 people responded (17 in total), while 10.81% have up to 5 years of teaching experience, 13.51% have up to 10 years, and 75.68% have over 10 years of teaching experience.

1.3 Final learning outcomes

The final learning outcomes of residents are aimed at mastering the professional competencies by the resident, reflected in the competency map/learning outcomes of the educational program "Adult and Pediatric Gastroenterology", which was developed by the Department of Internal Medicine, approved by the Rector at the Academic Council dated 28.04.23 and determined on the basis of Dublin descriptors. The final learning outcomes are aimed at mastering clinical skills in the specialty, communicating with patients and colleagues, developing professionalism, legal literacy, research skills, personal and professional growth throughout life. Stakeholders are informed about the final learning outcomes of residents in the specialty "Adult and Pediatric Gastroenterology" by posting them on the website of the KMU "HSPH". The experts were convinced that the professional behavior and communication skills of residents are formed through compliance with business ethics and deontology and are reflected in the relevant document (link: [Academic Policy of LLP KMU "HSPH"](#)).

Teachers and residents are informed about the code of ethics. You can read the content of the code of ethics on the website of LLP KMU "HSPH".

At LLP KMU "HSPH" training is provided on additional and non-formal education (continuous professional development. For example, programs have been developed and implemented on the topics: Pedagogical mastery as a component of pedagogical culture, lasting 36 hours for teaching staff and mentors,

The surveyed teachers answered that 40.54% are fully satisfied with the level of previous training of residents, and 51.35% are partially satisfied, 5.41% are partially dissatisfied, 2.7% - have no answer. The experts have established a clear continuity between the final outcomes of the previous training of residents (prerequisites) and training in residency, and subsequent programs of continuous professional development. The KMU "HSPH" has developed 27 educational programs for residency, including in the specialty 7R01109 "Adult and pediatric gastroenterology". Residents are informed about this.

40.54% of the respondent teachers believe that students of this educational organization have a high level of knowledge and practical skills when entering training programs, and 51.35% partially agree with this, 5.41% partially dissatisfy, 2.7% have no answer.

1.4 Participation in the formulation of the mission and final outcomes

When developing the goals and objectives of the educational program "Adult and Pediatric Gastroenterology", heads of departments / courses, professors, associate professors, teachers of departments providing the educational process, leading specialists in practical health care, employers, representatives of the contingent of students took part, which is confirmed by the document. The composition of the working group is approved by the rector of the KMU "HSPH" (link: [Order "On the creation of project teams for the development of the EP"](#)). KMU "HSPH" organizes meetings with employers, a round table is held at which issues of the quality of training of graduates in medical specialties are discussed (link: <https://ksph.edu.kz/kruglyj-stol-integracija-obrazovani/>). When updated regulatory and legal acts and orders in education and health care, the developers of the educational program will take into account the proposals and make appropriate changes.

When talking with residents and employers, experts received a clear answer to the question "Do you participate in formulating the mission and goals of the organization, educational program?", "What is the personal contribution of residents to improving the educational program?". Residents answered these questions that yes, not all of them are involved, but they have a council of residents (headman) where they discuss the main points and submit them to the council through a representative. And employers answered as follows that KMU "HSPH" organizes meetings with employers, a round table is held at which issues of the quality of training of graduates in medical specialties are discussed (link: <https://ksph.edu.kz/kruglyj-stol-integracija-obrazovani/>). Another tool to ensure that the opinions of

stakeholders are taken into account in the formulation of the mission is feedback from employers in the form of an annual survey conducted by the Department of Strategic Development and the quality management system (QMS) (link: [Employer satisfaction analysis](#)). When updated regulatory legal acts and orders in education and healthcare are released, the developers of the educational program will take into account the proposals and make appropriate changes.

Conclusions of the EEC on the criteria. Comply out of 14 standards (including 9 basic, 5 improvement standards): fully -0, partially -0, do not comply - 0.

Standard 2: EDUCATIONAL PROGRAM

2.1 Framework parameters of the postgraduate medical education program

The model of the educational program for the specialty 7R01104 "Adult and Pediatric Gastroenterology" is determined on the basis of the final outcomes of residents, therefore it includes the following: a list of competencies of the educational program 7R01109 "Adult and Pediatric Gastroenterology" and complies with the approved Classifier of Specialties of Higher and Postgraduate Education of the Republic of Kazakhstan, in accordance with the National Framework qualifications, professional Standards.

Duration of training is 2 years. The systematicity and transparency of training is guaranteed by the fact that the process of training residents, including methods, teaching and assessment tools, are implemented through information on the university website, the AIS "Platonus", the procedure for reviewing the EP, monitoring the results of training.

To implement the educational program in the specialty 7R01104 "Adult and Pediatric Gastroenterology", the organization's documents contain teaching materials, which defines the goal, takes into account the integration of practical and theoretical components, independent work. Compliance with the State Compulsory Educational Standard and standard requirements has been established. They attended a practical lesson at the Central City Clinical Hospital by Professor of the Department Aldasheva Zh.A with 1st year residents in the discipline "Gastroenterology" on the topic "Gastritis. Diagnostic algorithm, differential diagnostics. Treatment tactics. Clinical protocols of the Ministry of Health of the Republic of Kazakhstan". Using an innovative teaching method, a "Clinical case analysis" was conducted. The experts received convincing data that the training is carried out according to plan, before the start of the lesson; residents answer tests, receive feedback from the teacher, and have the opportunity to improve their skills in their specialty. The organization ensures compliance with ethical aspects in the implementation of the educational program, since the experts have studied the Code of Ethics, which is reflected in the Academic Integrity Regulation (dated 08/28/20024 SC No. 1). and during the interview, the residents responded that they were informed about the content of this document.

The analysis of educational activities showed that the scientific basis and all scientific achievements in the relevant disciplines are taken into account, additions are made to the bibliography of the teaching materials and syllabuses, and teachers use them in the classroom.

The mentoring system described in the Mentoring Regulations was assessed (link: [Clinical Mentoring Regulations](#)).

Only 1 mentor, whose tasks are: organizing and conducting work with resident doctors, developing responsibility and aspiration for improvement, involving them in practical and research work, developing communication skills, ensuring continuity between medical education and practical training "at the patient's bedside" in real practice in order to prepare a specialist for independent work. The procedure for informing residents of their rights and responsibilities is reflected in the Academic Policy of LLP KMU "HSPH" (link: [Academic Policy of LLP KMU "HSPH"](#)). Regulations on residency (Order No. 1 Decision of the Criminal Code of 29.08. 2024)

The qualification obtained as a result of mastering the educational program in the specialty "Adult and Pediatric Gastroenterology" corresponds to level 7 of the national qualification framework (ESG1.2) and has the code 7R01109.

Teachers use such methods of teaching residents as seminars, webinars, conferences, case stages, problem-based learning (ProblemBasedLearning); case-based learning (CaseBasedLearning), team-oriented learning (TeamBasedLearning); training based on simulation technologies, role-playing games, the "brainstorming" method, the group discussion method, portfolio, combined survey, the method of teaching in small groups, simulation technologies, presentations. The list of teaching methods is described in the syllabi of disciplines. Thanks to these methods, residents can participate in providing medical care to patients. Teachers can provide a resident with supervision of approximately 5 thematic patients per day and 10 per month. For example, residents of the educational program in the specialty "Adult and Pediatric Gastroenterology" upon completion of training can perform such manipulations as medical manipulations and procedures in the context of their specialty, engage in research activities, have management skills, promote methods of forming a healthy lifestyle, have communication skills and information processing skills.

Experts have found that the principles of academic honesty and anti-plagiarism are fully implemented in the educational organization. This is reflected in the document Antiplagiat <https://strikeplagiarism.com/en/> is applied primarily to written works, such as writing scientific articles, which are checked for originality using the StrikePlagiarism system link: <https://strikeplagiarism.com/en/>.

Academic integrity is applicable at such stages of resident training as completing assignments, scientific research, clinical practice and reporting.

And anti-plagiarism is applicable when residents are writing scientific articles that are checked for originality using the StrikePlagiarism system link: <https://strikeplagiarism.com/en/>.

Residents are trained to promptly collect informed consent from patients for any diagnostic and therapeutic procedures. Experts noted that the medical records contain a corresponding document signed by the patient.

Thus, by the end of 2 years of training, residents will acquire the basic skills and abilities in the profession of a gastroenterologist who provides gastroenterological care aimed at prevention, early diagnosis, treatment, maintenance and restoration of vital functions of the body in life-threatening conditions in adults and children, which will allow them to work in institutions such as adult and children's hospitals (ESG 1.2).

The experts did not find any violations regarding the principle of equality in postgraduate education and continuous professional development, since the educational organization complies with the Constitution of the Republic of Kazakhstan, the Law on the Languages of the Peoples of the Republic of Kazakhstan and other regulatory legal acts in the field of education and health care. For example, 185 people work at KMU "HSPH", of which 72.4% are women and 27.6% are men.

The educational organization has a mechanism for regularly adapting teaching and learning methods to the requirements of modern science and education, as well as to the current needs of practical health care. This mechanism includes an optimal combination of clinical competence with high-quality training of residents in public health issues, continuous professional development, the ability to adapt to various adverse conditions, including epidemiological ones.

This indicates compliance with Standard 2 in terms of adapting training to the needs of residents.

2.2 Scientific method

During the meeting with the Vice-Rector for Academic and Scientific Activities - Doctor of Medical Sciences, Professor Kamaliev M.A., it was established that along with the development of clinical skills, the residency program provides for the involvement of students throughout the entire period of study in the implementation of scientific activities. The teachers said that they teach residents methods of critical evaluation of literature, articles and scientific data, the application of scientific developments. During the conversation with the residents, the experts learned that they use scientific data in training, but the educational program does not include the scientific foundations and methodology of medical research, including clinical research and clinical epidemiology. The experts were presented with the CED of the above-mentioned disciplines, it was not in it. *During the survey of*

residents, it was established that the educational organization has access to the participation of students in research work and 81.08% of people are fully satisfied with this, 18.92% are partially satisfied. Residents should be engaged in R&D and in response to the questionnaire 67.57% wrote that they are already engaged in R&D, 13.51% plan to start, 16.22% are looking for a topic for R&D, 2.7% are not engaged

2.3 Structure, content and duration of the residency program

There are documents containing requirements for the structure and content of educational programs, in that the content, volume and sequence of courses of the residency program "Adult, pediatric gastroenterology" strictly correspond to the State Compulsory Educational Standards of 2022 and the Standard curriculum of 2023 of the specialty and are reflected in the working curricula. Responsibility for the selection and implementation of innovations in the educational process lies with A.A. Abirowa

The content of the work programs and the catalog of elective disciplines reflect the needs of the healthcare system, including consistent mastering by residents of clinical skills, clinical decision-making skills, communication skills, patient safety issues, medical ethics, which are considered both during the development of skills in practical classes and during the joint work of residents with clinical mentors, practicing doctors of clinical bases, as well as the specifics of R&D and scientific achievements of teachers. These include, for example: to support the teaching staff and students in organizing scientific research, assistance in publishing scientific results in leading domestic and foreign publications, assistance in the commercialization of the results of scientific work in LLP KMU "HSPH" there are the Department of Science and Consulting (hereinafter - DSC), a library, a local ethics commission, a scientific and practical journal "Medicine, Science and Education", A "Council of Young Scientists" was organized in KMU "HSPH" to promote the development of the potential of young scientists, the search for grant support. There is a "Regulation on the Council of Young Scientists" dated November 2, 2020 (link: Regulation on the Council of Young Scientists)..

For the successful implementation of the educational program in the specialty "Adult and Pediatric Gastroenterology", the organization has resources for organizing the assessment of practical skills of residents as interdisciplinary training with a discussion of clinical cases that allow the resident to enter the role of a practicing physician, a specialist physician of the corresponding profile with an interdisciplinary approach. When planning and developing the residency program, the opinion of the teaching staff, employers and other relevant stakeholders, as well as members of the working group, is taken into account: Bapaeva M.K. - PhD, Head of the Department of Internal Medicine, Yesenzhanova G.M. - MD, Professor, Chief Scientific Consultant, Mukhambetova R.U. - Mukhambetova R.U.(link: [Order on the creation of project teams for the development of the program](#)).

Experts have established that the educational program takes into account the requirements of the legislation, the expectations of the employer and the needs of the labor market. In this regard, KMU "HSPH" annually organizes meetings with employers, a round table is held to discuss the quality of training of graduates in (link: <https://ksph.edu.kz/kruglyj-stol-integracija-obrazovani/>).

Within the framework of the adopted document "Rules for the development of educational programs of KMU "HSPH"" (link: [Rules for the development of the EP of LLP KMU "HSPH"](#)) freedom is provided in compiling the OP, which is achieved through the university component and elective disciplines. Organizational management of the EP is carried out by the heads of departments, the Department of Methodology and Quality of Educational Programs. The theoretical component of the educational program is 20% of the hours, including the disciplines of the compulsory component and electives. The practical component of the educational program consists of 80% of the EP hours in the form of IWRT and IWR. Possible future roles of a residency graduate, namely, a medical expert, a manager, are formed through the disciplines (or topics) of basic higher medical education in the form of various forms of independent work, participation in SSS, in student scientific conferences. Legal aspects of the doctor's activities in the EP Pediatrics are studied when residents pass the 1st year of training in the module "Gastroenterology", when at the beginning of the cycle, the teaching staff of the department introduces residents to the content of the Code of the Republic of Kazakhstan dated July 7,

2020 No. 360-VI of the Ministry of Health of the Republic of Kazakhstan "On public health and the healthcare system", Article 134 "Patient's rights" <https://adilet.zan.kz/rus/docs/K2000000360>. Information on patient rights is posted in places of visual agitation of the departments of the Central Clinical Hospital, City Clinical Hospital, City Hospital, etc.

The scientific component in training residents is formed during the study of the disciplines of the EP within the framework of the implementation of independent work of residents (IWR) it is envisaged to train residents in the skills of critical evaluation of literature, articles and scientific data by preparing presentations in accordance with the subject plan of the discipline on current problems of diagnosis and treatment of neonatal diseases. The University guarantees the adjustment of the structure, content and duration of the educational program in the event of any changes in various sciences, demographic, as well as in response to the needs of the healthcare system. For this purpose, there is a mechanism for monitoring educational programs (Regulation on monitoring and evaluation of the EP Approved by the SC dated 21.04.23).

Teachers provide residents with methodological and didactic materials, additional literature to prepare for classes, in which 91.89% are fully satisfied, 8.11% are partially satisfied, 0% are not satisfied.

The KMU "HSPH" organization concluded - 142 contracts with medical organizations in the Republic of Kazakhstan, including 60 with medical organizations from foreign countries. And to the question of the questionnaire "Is there enough time for practical training (patient supervision, etc.)", 97.3% of residents answered with full agreement, 2.7% partially agree.

At the same time, 94.59% of residents claim that after the end of classes, the teacher provides feedback (listens to your opinion, conducts a mini-questionnaire, works on mistakes). At the same time, to the question "Do representatives of residents participate in the development of educational programs?", the experts received the following answer: yes, representatives of other specialties participate. The surveyed residents are completely satisfied with the schedule of classes (97.3%).

2.4 Organization of training and the relationship between postgraduate medical education and the provision of health care

The management of the educational process, reflected in the self-assessment report (Standard 2) and general approaches to management were confirmed during a visit to the organization and a conversation with the director and employees. The experts familiarized themselves with the work of the departments, including departments, a total of 3 meetings were held and during a cross-interview it was established that there is a documentation system that is transparent and accessible to all teachers and employees, and includes such documents as annual plans and reports, department regulations, agreements with teachers and residents and educational and methodological documentation (work program, working curricula, syllabuses, journals), assessment tools (checklists, statements), certificates and credentials. During the visit, the experts saw that KMU "HSPH" promotes the development of practical competencies of residents, including on simulation equipment. Thus, the responsibility for choosing the base of clinical training and practice of a resident in the specialty "Adult and Pediatric Gastroenterology" is determined by the department, and the Department of Residency draws up agreements with clinical bases. Experts analyzed information about the availability of accreditation of clinical sites and concluded that residents have the opportunity to study directly in the clinic, while observing all its requirements and contributing to the provision of medical care to the population in their specialty.

The department interacts with health authorities through the conclusion of an agreement on joint activities between the KMU "HSPH" and the clinical site, thereby providing residents with the opportunity to study directly in the clinic, while observing all its requirements and contributing to the provision of medical care to adults and children. Of the 3 gastroenterology residents, 1 resident is employed at a 0.5 rate in a city medical institution. Thus, during a conversation with the organization's management, and the teachers confirmed the experts received information that the training of residents is carried out directly in the clinical departments of the gastroenterological profile, where residents gain knowledge and improve their skills in inpatient treatment, including intensive care, as well as

outpatient treatment, and are able to track the continuity between different stages of therapy and rehabilitation of patients. Residents of this specialty can supervise patients with diseases such as gastritis, peptic ulcer, hepatitis, etc. This is facilitated by mentoring, which is carried out in the organization.

When visiting a practical lesson at the Central City Clinical Hospital, the experts received and in a conversation with residents, saw that the organization promotes the development of practical competencies of residents, including on simulation equipment. At the same time, residents deepen their theoretical knowledge, develop communication skills. Integration between training and provision of medical care (on-the-job training) is carried out by residents studying diagnostic and treatment protocols for the most common diseases approved by the Ministry of Health of the Republic of Kazakhstan, standards for medical care, participating in interdisciplinary consultations, determining diagnostic and treatment tactics, providing emergency care to patients with various pathologies, mastering practical skills in providing medical care under the guidance of teaching staff, clinical mentors at the clinical sites of the departments. Training is conducted in accordance with clinical protocols.

Of the 37 residents surveyed, 97.3% responded that teachers use active and interactive teaching methods in classes quite often, 2.7% believe that they rarely or sometimes.

The following employees took part in the planning, discussion, approval and review of the educational program in the specialty "Adult and Pediatric Gastroenterology": Bapaeva M.K., PhD, head of the department; Department of Internal Medicine, Baysultanova A.Ch., PhD, and Professor Aldasheva Zh.A.

Conclusions of the EEC on the criteria. Out of 22 standards (including 19 basic, 3 Standard improvements): fully - 21, partially - 1, do not meet - 0.

Recommendations for improvement:

- 1) To expand the catalog of elective disciplines (CED) taking into account the need to ensure competencies in the scientific foundations and methodology of medical research, including the disciplines of clinical research and clinical epidemiology (Standard 2.2.1).

Standard 3: RESIDENT ASSESSMENT

3.1 Assessment methods

The study of control and measuring tools (140 tests, 10 tickets for 3 midterm assessments (each with 10 situational tasks) showed that the organization has implemented an appropriate assessment policy that allows for a comprehensive assessment of the academic achievements of residents. For example, current control is carried out by oral questioning, written control, tests, and comprehensive control, solving cases, homework presentations, assessment at the "workplace", mastering practical skills in the CC, and confirmed that they are satisfied with everything. And they also receive regular feedback from teachers. The system of appeal of assessment results is reflected in the document "Academic Policy of the KMU "HSPH", approved by the Decision of the SC dated 08/29/2024 No. 1 and during the period of operation of the educational organization there were no precedents of appeal. The assessment covers not only knowledge and skills, but also professional behavior and communication skills, which is confirmed by the following: in Chapter 4 (p. 95) "Requirements for the level of training of students in postgraduate education programs in the field of health care. The criteria for admission to the final certification are an admission rating of 50% and higher. This is documented in the Academic Policy of the KMU "HSPH" (link: [Academic Policy of LLP KMU "HSPH"](#)).

Admission for independent examination of residents is an admission rating. In the practice of the educational organization, residents (including other specialties) 1 year of study. There was no graduation.

At the same time, there are difficulties in conducting the used assessment methods for validity and, accordingly, the commission documents were not submitted.

During the visit to the organization, the management was asked the question: "Are external examiners involved in order to improve the fairness, quality and transparency of the assessment process?" And the answer was received: that during the Final State Certification of Residents, leading specialists from practical healthcare will be involved as chairmen and members of the State Attestation Commission, but there was no graduation.

Thus, to verify the Standard 3 data, the experts asked the questions: how are residents assessed? What documentation system is used in the assessment? to the head of the residency department, A.A. Abirova, and checked the documents and methods for assessing residents. During the visit to the organization and during the interview, the commission received comprehensive answers and supporting documents that there is a documentation system that is transparent and accessible to all teachers and employees, and includes such documents as annual plans, annual reports, and department regulations.

The organization has 27 EPs, which were drawn up and approved at a meeting of the Academic Council (minutes No. 9 dated 04/27/2023).

The control and measuring tools for the specialty "7R01109 Adult and Pediatric Gastroenterology" were reviewed at the Kazakh-Russian Medical University.

The Head of the Department of Methodology and Quality of Educational Programs, Director Sarsenova L.K. responded that additions and updates to the control and measuring tools are planned for 2025.

A review of the website showed that its pages contain the documents necessary for residents - a syllabus, sample tests, tasks, tickets, recommended literature, a schedule of practical classes, thematic plans for seminars and there is information about upcoming events in the organization, which is regularly updated.

3.2 Relationship between assessment and learning

When interviewing 29 teachers regarding assessment methods, experts received convincing information that the results of students' academic achievements are recorded in an electronic educational journal through the educational and methodological office and the AIS Platonus program, which automatically generates examination sheets. The electronic educational journal is filled in accordance with the calendar-thematic plan, in accordance with the schedule and the dates of the current, midterm and final controls reflected in the syllabus. Residents also shared their opinions on the timeliness of providing tests, conducting consultations before exams, the clarity of the entire assessment procedure and its fairness. For example, residents said that they were generally satisfied with the training, assessment methods, but at the same time they would like more independent work with patients.

The experts inspected the resources for organizing the assessment of knowledge and practical skills, namely, the Educational and Clinical Center is located in the main building of the KMU "HSPH" and occupies an area of 84.6 sq. m., which includes 3 simulation rooms. The total amount of equipment in the ECC is 86 units aimed at training and independent assessment of the clinical skills of students.

Experts have determined that the choice of resident assessment methods is based on the final outcomes and acquired competencies, since the practical part of training is the main one. For example, such current assessment methods as: oral survey, written control, tests, comprehensive control, case solving, homework presentations, assessment at the "workplace", mastering practical skills in the Center for Social and Occupational Health and Safety, assessment of assignments on the Moodle platform, contribute to interprofessional learning. And such a method as mastering practical skills using simulation technologies, patient management, and duty at clinical sites demonstrates the integration of training and an emphasis on clinical skills. The established assessment methods guarantee that the resident has mastered all sections of the educational program and acquired the necessary practical skills.

Feedback from residents based on the results of their assessment is collected both orally (frontal survey, comments on students' answers) and in writing and indicates the mistakes made and gives

Recommendations for improving preparation for classes, filling in knowledge gaps. In the interview, residents confirmed that they receive feedback after completing their training.

The 7 interviewed employer representatives also indicated that graduates' training is in line with the modern development of medical practice and science, since they participate in the development of the mission and the EP. Employers believe that they would like to see the strongest skills in residency graduates such as a desire to learn, dedication, and activity.

Conclusions of the EEC on the criteria out of 9 standards (including 6 basic, 3 Standard improvements): fully - 8, partially - 1, do not comply - 0.

Recommendations for improvement:

- 1) To document assessments of the reliability and validity of control and measuring tools (CIS) for the purpose of their continuous improvement (Standard 3.1.4)

Standard 4: RESIDENTS

4.1 Admission and selection policy

The educational organization has a policy for the admission of residents, which is called the "Rules for Admission to Residency" (link: [Rules for Admission to Residency](https://adilet.zan.kz/rus/docs/V2000021802)). Approaches to the admission of residents are based on the requirements of the country and internal regulations, namely, the Order of the Minister of Health of the Republic of Kazakhstan dated December 15, 2020 No. RK MOH-270/2020 "On approval of the rules for placing a state order, admission to training and training of medical personnel in residency" <https://adilet.zan.kz/rus/docs/V2000021802>; Order of the Minister of Health of the Republic of Kazakhstan dated July 4, 2022 No. RK MOH -63 "On approval of state mandatory standards for levels of education in the field of health care" <https://adilet.zan.kz/rus/docs/V2200028716>. Transparency of the selection procedure and equal access to residency programs are achieved through the website ksph@ksph.kz, the use of video and audio recording during the work of the examination committee, the publication of the results of entrance examinations and the list received on the university website.

The document reflects approaches to the admission of residents with disabilities, for example, in paragraph 2.6.3 of the document "Academic Policy" and during a conversation with residents.

The document takes into account the requirements for residency applicants in terms of their previous achievements in undergraduate and internship (for example, entrance scores, but not less than 75).

The educational organization has created a barrier-free learning environment, including the presence of ramps, call buttons, elevators, toilets for the disabled.

Approaches to the admission and transfer of residents from other educational organizations are reflected in paragraph 6.1 of the Academic Policy. In this case, the key points are taken into account - this is the academic difference in the disciplines of the working curricula studied by them in previous academic periods.

The appeal procedure for the results of admission to residency is prescribed in the "Rules for Admission to Residency" (link: [Rules for Admission to Residency](https://adilet.zan.kz/rus/docs/V2000021802)). To date, there are no precedents for appeal.

In the process of developing the policy for admission and selection of residents, representatives of students, namely the specialty "Adult, Pediatric Gastroenterology" are not involved.

The revision of the admission and selection policy, the number of residents is carried out annually; the Department of Residency is responsible for this.

Thus, the experts validated the data according to *Standard 4*. In general, all criteria are met. The experts familiarized themselves with the documentation for the admission of residents, including the Rules for Admission to Residency.

4.2 Number of residents

For the period 2023-2024. 39 residents were accepted to all educational programs, including the program in the specialty "Adult and Pediatric Gastroenterology" 4 people:

№	Resident's full name	Form of study
1.	Abdrakhman Raiymbek Turgynkasymuly	on a contractual basis
2.	Roman Kuanysh Bakytbayuly	on a contractual basis
3.	Sabraliev Reshad Aitkanovich	on a contractual basis
4.	Saiypyrhan Roza Saiypyrhankyzy	on a contractual basis

There were no residents graduating on the dates of the start of admission to the residency. KMU "HSPH" conducted recruitment for the first time, therefore, joint work is being carried out with the Department of Science and Human Resources of the Ministry of Health of the Republic of Kazakhstan and will be carried out annually, which will allow KMU "HSPH" to adapt the number of potential students.

4.3 Resident Support and Consulting

The practice of academic consulting, personal support for residents and development of not only professional skills were assessed by experts through interviews with heads of departments and heads of departments. The following information was obtained during interviews with residents: that work is regularly carried out to improve communicative competence, prevent conflicts in practical medical activity and prevent burnout syndrome, financial support consists of providing residents studying on a grant with a monthly stipend, those in need are provided with a dormitory on a first-come, first-served basis and that for questions on interaction with teachers, employees of departments and other divisions, please contact the Residency Department. Legal advice can be obtained from the university's full-time lawyer. For example, a discount on a mobile phone tariff, a 10% discount on tuition upon admission, and a dormitory are provided for the purpose of social support for residents. For personal development, the university has created a stable material and technical base: co-working, sports and fitness center, a coffee shop, as well as equipment for holding cultural and sports events. In addition, a resident is assigned a clinical mentor at the medical organization where the resident is studying. His function is to guide the resident in mastering the practical skills and competencies necessary for the resident during his studies.

Financial support for residents is provided through the issuance of a scholarship in the amount of 122,225 tenge and additional financial support for residents, enshrined in the agreement on educational services and approved by the minutes of the meeting (Personnel Policy dated 04/24/2024) (a flexible payment schedule was considered). Psychological support for residents is provided by the Department of Pedagogy, Psychology and Social Sciences, which has developed the Program for Psycho-Emotional Support for Students of the Residency of the KMU "HSPH" Aimed at Identifying and Preventing Emotional Burnout Syndrome which is confidential.

When asked by experts whether there is a Career Development Center that helps graduates find employment, the answer was "no".

4.4 Representation of Residents

The quality of the educational program is ensured by the participation of residents in the discussion of the mission of the university and the EP. Along with the heads and teachers, include residents in the consideration of issues related to the educational process and the approval of educational materials for the residency. The activity of residents in the social and scientific life of the department, clinical base, at the Institute or beyond is encouraged when reviewing portfolio materials. When interviewing residents, the experts found that only 1 resident is a member of 1 advisory body - the Council of Young Scientists.

4.5 Working conditions

Residents receive a monthly stipend in accordance with the document Decree of the Government of the Republic of Kazakhstan No. 799 dated October 10, 2022. "Rules for the appointment, payment and amount of state stipends", Residents are given the opportunity to work outside of school hours, which is reflected in the document - Order of the Ministry of Health of the Republic of Kazakhstan

dated December 21, 2020 No RK MOH-305/2020 "On approval of the nomenclature of specialties and specializations in the field of healthcare, the nomenclature and qualification characteristics of positions of healthcare workers. There are currently 1 such residents in the EP "Adult, Pediatric Gastroenterology" - 0.5 of the rate. In total, LLP KMU "HSPH" has 3 clinical bases for training residents and each hosts various events in which residents participate. For example, they participate in conferences, conduct examinations of healthy and sick newborns, provide consultations, diagnostic and treatment procedures, fill out documentation in CIS. They conduct preventive measures; information and explanatory work, and are on duty at clinical sites at least four times a month. As a rule, residents supervise 5-6 people per day, 15-20 people per month. The educational organization has implemented elements of distance learning for residents, for example, Microsoft Teams, MOODLE.

Under special circumstances (for example, during pregnancy, childbirth, parental leave, long-term illness, military service or business trips, students are granted academic leave), an individual training program for residents is applied, which includes a full training program. This is enshrined in the document - the Procedure for granting academic leave in accordance with the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 30, 2018 No. 595 "On approval of the Model rules for the activities of higher and (or) postgraduate education organizations" and the Academic Policy of LLP KMU "HSPH". The experts found that in this case the duration of training is observed and is 2 years.

Conclusions of the EEC on the criteria. Out of 20 standards (including 14 basic, 6 improvement standards), 18 are fully compliant, 2 are partially compliant, 0 are not compliant

Recommendations for improvement:

1) In the organizational structure of the university, to determine a department or person responsible for implementing activities on career planning, employment and monitoring of graduates of residency programs (Standard 4.3.3).

2) To expand the representation of a wider range of stakeholders (teachers, employers, students) in the Advisory Bodies (Standard 4.4.1)

Standard 5: TEACHERS

5.1 Recruitment and selection policy

In 2024, the Department of Therapy, Gastroenterology, Psychiatry, Medical Rehabilitation and Gerontology was established at LLP KMU "HSPH". Three teachers are involved in the implementation of the educational program in the specialty 7R01109 "Adult and Pediatric Gastroenterology", of which 1 has a Doctor of Medical Sciences degree, 2 have a PhD degree. In general, the degree of the teaching staff conducting classes for residents in the specialty 7R01109 "Adult and Pediatric Gastroenterology" is 100%. The percentage of faculty with the highest/first category in their core disciplines is 100%.

The requirements for teachers of the residency program take into account with an emphasis on the presence of a degree and the development of such key indicators as - publication activity in international ranking journals indexed by Web of Science or Scopus; the Hirsch index; experience in participating in research projects (grants, scientific and technological progress).

The degree rate is 100%, the highest category is held by 3 people (100%). The training of residents in the specialty "7R01109 "Adult and Pediatric Gastroenterology"" is carried out by the following employees: 1. Baysultanova A.Sh. - PhD, doctor of the highest category, Aldasheva Zh.A. - PhD, professor, doctor of the highest category, Zhanseitova G.P. - teacher at the departments of the State Enterprise on the Right of Economic Management "Central City Clinical Hospital", State Enterprise on the Right of Economic Management "City Polyclinic No. 5, Hepatology Center.

The experts are familiar with the Personnel Policy of the KMU "HSPH" (link: [Personnel Policy of the KMU "HSPH"](#)), the Regulation on the procedure for competitive replacement of positions of faculty and research workers of LLP KMU "HSPH" (link: [Regulation on the procedure for competitive](#)

[replacement of faculty](#)), the Regulation on the procedure for formalizing labor relations of LLP KMU "HSPH" (link: [Regulation on the procedure for formalizing labor relations](#)).

The Regulation on mentors (link: The Regulation on clinical mentoring was approved at the SC dated 08/29/2024, No. 1), the Requirements for faculty and clinical mentors are regulated by the Regulation on the residency of the KMU "HSPH". The ratio of teachers to residents is 1:3.

The motivation system for teachers and clinical mentors includes the following in accordance with the Regulation on remuneration: bonuses for employees, reimbursement of payment for an article, a discount on tuition at the University for Children of employees, free gifts for children of employees for the New Year.

Principles ethics and academic integrity of teachers are reflected in the document - Academic Policy. During the conversation with teachers, they confirmed their awareness of this issue by answering that they were familiar with it.

In order to verify the Standard 5 data, external experts received the opinion of teachers on the personnel policy, approaches to the development of pedagogical competence of teachers, motivation to work with residents, and mentoring. The conversation with Mynbaeva D.S., Director of the HR Department, included such questions as how often do teachers undergo advanced training?, how is the pedagogical competence of clinical mentors improved?, do they have training certificates? and allowed the experts to learn about approaches to attracting employees of clinical sites for teaching, about the strategy and tactics of recruiting residents, information support for the educational program, and to identify problems in the management and development of human resources. Teachers' certificates are presented. A contract is concluded with clinical mentors for 1 year.

When questioning teachers, it was found that the majority (94.59%) are completely satisfied with the organization of work and the workplace in this educational organization, but 2.7% are partially satisfied. In this educational organization, teachers have the opportunity to engage in scientific work and publish the results of R&D - 91.89% completely agree, 8.11% partially. The salary is satisfactory - 67.7% completely agree, 18.92% partially, no answer - 5.41%.

5.2 Commitments and development of teachers

In order to verify the Standard 5 data, at a meeting with the head of the HR department and during interviews with teachers, experts obtained an opinion on approaches to the development of pedagogical competence of teachers, motivation to work with residents, and the implementation of mentoring, which at the university is ensured by a balance of distribution between the teacher's areas and is determined by the individual work plan of the teacher (IWP).

The work schedule of teachers is established in the Personnel Policy of the KMU HSPH (link: [Personnel Policy of the KMU HSPH](#)). Working hours: 7 hours. Teachers conduct weekly seminars lasting 2 hours. Time for clinical reviews, clinical rounds - 5 hours. Experts responses were received about the teacher training program, which is held annually, and 4 teachers participating in the implementation of the educational program "7R01109 Adult and Pediatric Gastroenterology", including 2 mentors were trained in 2024 in the pedagogical discipline on the topic: "Pedagogical excellence as a component of pedagogical culture".

These events are financed by the educational organization. The expert checked the teachers' certificates on the following topics: Pedagogical excellence as a component of pedagogical culture.

The salary fund of teachers consists of a salary, which is a permanent part of the salary and other additional payments and allowances, which are a variable part.

Funding for mentors is carried out in accordance with the Requirements for clinical mentors regulated in the Regulation on the residency of the KMU HSPH. Experts found that teachers initiate research topics for residents, stimulate the need for additional training and independent work with literature, medical documentation.

In the educational organization, there is an opportunity for career growth and development of teacher competencies - 89.19% of the surveyed teachers answered, and 8.11% partially agreed with this. Studied in programs for improving professional qualifications - 35.14% during the current year,

62.16% more than 3 years ago, 2.7% more than 5 years ago and 0% answered "I don't remember when it was".

The organization implements social support programs for teachers - 56.76% answered that "yes, such programs exist", and 32.43% of respondents do not know about it.

Conclusions of the EEC on the criteria. Comply with 8 standards (including 7 basic, 1 Standard of improvement): fully - 8, partially - 0, do not comply - 0.

Standard 6: EDUCATIONAL RESOURCES

6.1 Material and technical support and equipment

The clinical bases that are used to implement the educational process of the residency specialty "Adult and Pediatric Gastroenterology" are medical institutions of city and regional significance. Residents are trained on the basis of the MSE on the REM "Central City Clinical Hospital", State Enterprise on the Right of Economic Management "City Polyclinic No. 5, Hepatology Center. The department has 5 classrooms with a total area of 25 sq. m. and 1 office of the head of the department, with an area of 15 sq. m., a conference hall for holding seminars with a total area of 40 sq. m., there is a locker room, a room for training residents, equipped with a computer, projector, board. During the night shift, residents have a room where they can rest and eat. During training, resident doctors have the opportunity to work at clinical bases that are equipped with modern diagnostic equipment and clinical laboratories.

The experts visited the library, which provides residents and employees with access to world-famous databases containing global arrays on medicine. To implement the educational process in the specialty "Adult and Pediatric Gastroenterology", the book supply of primary and secondary literature is 100%. The University has entered into an agreement with Wiley Online, one of the largest international academic publishers publishing full-text scientific resources in all areas of modern science and knowledge. In addition, an agreement was concluded with the electronic libraries: "Student Consultant" (www.studentlibrary.ru) and "Doctor Consultant" (www.rosmedlib.ru), which allows residents to effectively study materials. One of the criteria for evaluating the library is free user access to electronic resources and high-quality replenishment of the electronic library. There is remote access to the electronic library catalog. Residents undergo initial registration through the IP address of LLP KMU "HSPH", thus acquiring a login and password for remote access to the electronic resources of the university, such as Wiley.

In total, there are 5 pieces of literature on the accredited specialty on paper, 29 pieces on electronic media.

There is a decrease in the acquisition of educational literature in printed format, due to an increase in subscriptions to educational electronic resources. The main monographs in the specialty "Adult and Pediatric Gastroenterology" are the following: 1) Ivashkina, V.T. Gastroenterologists. National Guide: Brief Edition - Moscow: GEOTAR-MEDIA, 2015. - 480 p. 2) Pimanov, S.I. Ultrasound Diagnostics in Gastroenterology: Practical Medicine, 2016. - 416 p. These books are available in the library and are also available in electronic format.

There is access to international databases: "Cochrane Library", "EBSCO", "BMJ Best Practice", "BMJ Learning", "CBS eBooks". Residents are aware of this.

Before starting the relevant discipline of the educational program, the resident receives a syllabus from the teacher and knows what skills he should acquire and develop during the training. To achieve the training goals, residents have access to the electronic patient database Damumed, which is provided by the clinical base. Individual logins and passwords for access to KIIS are issued to residents employed by resident doctors in medical and preventive institutions. The material and technical base, including the library background, is updated every 5.

6.2 Clinical bases

The main clinical bases for the specialty 7R091136 "Adult and Pediatric Gastroenterology" are: MSE on the REM "Central City Clinical Hospital", CP No. 5, City Hepatocenter and Childhood at the Scientific Center for Pediatrics and Pediatric Surgery of Almaty.

A review of resources showed that they correspond to the goals and objectives of educational activities, with a total bed capacity of 250, and the employees of the educational organization ensure collegial and ethical relationships with the medical staff, the management of the clinical base to achieve the final results of residents. A sufficient number of subject patients (for example, Functional, inflammatory-destructive, congenital diseases of the esophagus, stomach, intestines, organs of the hepato-bilio-pancreatogenic zone), modern equipment and demonstrates accessibility to students, teachers provide high-quality education in compliance with ethics and deontology.

During a visit to the clinical base of the State Enterprise on the Right of Economic Management "Central City Clinical Hospital", experts conducted a survey of resources, their compliance with training programs, accessibility for teachers and residents, how modern this equipment is and meets the needs of students and practical health care. In order to validate the implementation of the self-assessment report data and obtain evidence of the quality of the programs, an interview was conducted with residents. The experts asked questions about satisfaction with training, sufficiency of time for patient supervision, work with medical documentation, satisfaction with teaching methods and qualifications of teachers, social and moral support for residents in need of it, and the availability of resources of international databases of professional literature. In general, residents are satisfied with training, assessment methods, and purposefully entered this organization, as they believe that the educational organization has good resources, image and international connections, at the same time, residents would like more independence in patient management. There is a simulation center equipped with modern equipment, where residents of the educational program in the specialty 7R091136 "Adult and Pediatric Gastroenterology" can practice practical skills: on mannequins and virtual simulators. Providing emergency care to patients with cardiopulmonary resuscitation (CPR) on mannequin simulators for adults and children of different ages with quality control of indirect heart massage and artificial ventilation of the lungs, first aid for injuries, including conicotomy and tracheal intubation in adults and children, practicing the Heimlich maneuver is also included in the training program.

Residents showed their commitment to the organization of education, were active in answering questions from external experts, demonstrated their judgment on the organization of training, assessment of their skills, advisory support, the opportunity to participate in research, financing, demonstrated proficiency in English when answering questions from a foreign expert Elena Vladimirovna Sheppley. Experts studied the documents of residents (portfolio, results of resident assessment checklists, results of resident surveys)..

6.3 Information technology

Experts assessed the access of residents and teachers to the necessary web resources, including KMU "HSPH" provides free access to national and foreign databases in the field of medicine for students and teachers: Wiley Online Library <https://onlinelibrary.wiley.com/>, Cochrane library <https://www.cochranelibrary.com/>, to the Platform «Web of Science» <http://apps.webofknowledge.com/>, DB «Scopus» www.scopus.com, DB «Sciencedirect» www.sciencedirect.com, Springer Link (Springer) <https://link.springer.com/>, «EBSCO», «BMJ Best Practice», «BMJ Learning», «CBS eBooks», as well as access to electronic media the university website, Portal of KMU "HSHOS", Student Portal, page on the social network Instagram. Residents confirmed that they can use all resources, including when preparing for classes.

Information and communication technologies are represented by the following: The Internet, Wi-Fi, Kabis are available in the university area. The university website <https://ksph.edu.kz/> has a dedicated electronic page "LIBRARY", the information is updated periodically. There is remote access to the electronic library catalog. Residents undergo initial registration through the IP address of the university.

The educational program uses such technologies as the educational process management system AIS "Platonus", the educational portal "Moodle". During independent learning, residents use the

Moodle platform with specific tasks, assessment criteria and assignment submission schedule. Access to patient data and the health information system is carried out through the clinical database MIS through the login and password of the clinical mentor. The resident supervises 4-5 patients per day, including filling out the necessary documentation under the supervision of the teacher and clinical mentor.

Elements of distance learning methods are used on the educational portal Moodle, applied in training residents on topics of independent work with the indication of specific tasks, assessment criteria and assignment submission schedule.

6.4 Clinical teams

In order to develop the residents' experience of working in a team, the educational organization carries out such events as working in multidisciplinary teams of specialists. Resident doctors of the specialty 7R091136 "Adult and pediatric gastroenterology" work closely in a team with residents and doctors of various narrow specialties - surgeons, phthisiologists, infectious disease specialists, dermatovenerologists, neurologists, neonatologists, otolaryngologists, neurosurgeons, specialists in the field of anesthesiology and resuscitation, emergency care, endoscopy, functional and radiation diagnostics, etc. Interprofessional interaction is also carried out by teaching teamwork skills: gastroenterology residents are trained during joint rounds with professors and associate professors of the department, heads of departments, and resident physicians; during examinations and consultations of patients; during diagnostic and therapeutic manipulations jointly with physicians in various treatment and diagnostic departments of the hospital, during shifts.

The collegiality of the residents' work is also observed during joint rounds with professors and associate professors of the department, heads of departments, and resident physicians; during examinations and consultations of patients. One example of the implementation of an interdisciplinary/interprofessional approach is training in the discipline "General Surgery", within the framework of which residents are trained in the skills of diagnosis and treatment of gastrointestinal pathology, which implies training in communication skills with general practitioners.

In the questionnaire, residents noted that they have free access to patients at clinical sites and all the conditions for improving their practical skills - 97.3% of teachers completely agree with this, 2.7% partially agree.

6.5 Medical scientific research and achievements

The educational organization carries out research work in such areas as: non-steroidal anti-inflammatory drugs - gastropathy, functional disorder of the gastrointestinal tract. Over 5 years, success has been achieved in gastroenterology. First-year residents are involved in the implementation of scientific work (or fragments). They perform such types of work as initiative R&D, and are part of temporary research teams. All information about the scientific work is included in the resident's portfolio, the structure of which is based on the Regulation on Residency (US dated 08/29/2024, order No. 1).

One of the competences of a resident graduate is to achieve the skill of scientific research based on the results of research with assessment of mastering in the portfolio during the midterm assessment and completion of training. The range of resident competencies includes PC5 "Research" "capable of researching and evaluating the results of treatment of their patients, evaluating and implementing treatment principles based on scientific data." The EP provides for mandatory mastering of research skills. If residents carry out scientific and practical research, they are provided with access to instrumental and laboratory equipment. This information was obtained during interviews with teachers of the specialty "Adult and Pediatric Gastroenterology".

An interview with 3 full-time teachers showed that there are no problems in education management that depend on a specific base (admission of residents to equipment, a sufficient number of subject patients, time for maintaining medical records, independent work).

6.6 Expertise in the field of education

Expertise in education includes the following areas: analysis of results, analysis of dynamics, which are presented in the form of research, including questionnaires.

The educational organization participates in such educational projects as conducting research in the field of medical education. As a result of the implementation of these projects, publications in this area have been introduced, teachers implementing the educational program have publications on the role of mentoring in the preparation of residents, speeches on the assessment of the effectiveness of teaching and assessment methods.

Employees of the Department of Methodology and Quality of Educational Programs conduct annual monitoring of the quality of educational programs and the results allow us to draw conclusions about the quality of innovative changes in postgraduate education. Sociological surveys, including issues of education quality, could become one of the mechanisms for educational expertise. For example, with the introduction of the AIS Platonus program into the educational process, given the capabilities of this information system, there is a real opportunity to implement high-quality monitoring of the analysis of key indicators of educational activities.

The examination is carried out in the form of an analysis of the needs for specialists, an analysis of resident training methods, and the results allow us to draw conclusions about the quality of innovative changes in postgraduate education. For example, in order to develop the skills of expert assessment of the educational program for residency, advanced training is regularly conducted for the teaching staff of the departments teaching residency disciplines in the specialty 7R01109 "Adult and Pediatric Gastroenterology".

Heads of administrative departments report at meetings of the staff meeting and at the Academic Council. Vice-rectors' reports are heard at meetings of the Academic Council. The rector reports at an extended meeting of the University Academic Council.

The mechanisms for motivating and developing the interest of employees and teachers in conducting research in the field of postgraduate education are the availability of publications in this area. The teaching staff implementing the EP have publications on the examination of the quality of the EP, the role of mentoring in training residents, presentations on the assessment of the effectiveness of teaching and assessment methods, and methodological recommendations. During the visit to the department, evidence of publications was presented.

Resources for clinical training under the residency program in the specialty 7R01109 "Adult and Pediatric Gastroenterology" are provided with the following: classrooms are equipped with the necessary technical support - stationary multimedia projectors. Classrooms are designed for up to 10 seats. Classrooms are located inside the academic building and clinical base buildings; fully equipped with the necessary cabinet furniture, teaching and methodological equipment. Lecture halls and classrooms are equipped with multimedia support, Internet access and modern computers.

6.7 Training in other institutions

The academic policy for training residents includes the possibility of training in alternative organizations if the existing clinical bases do not cover all the topics of the educational program. At the same time, the training of residents in the specialty "Adult and Pediatric Gastroenterology" is carried out on the basis of the State Enterprise on the Right of Economic Management "Central City Clinical Hospital", which has gastroenterology departments with a total bed capacity of 10 beds. Such disciplines of the educational program as gastroenterology are studied by residents in the State Enterprise on the Right of Economic Management "Central City Clinical Hospital". The preparation of scientific publications is carried out under the supervision of a teacher and does not require additional bases for training. However, residents can participate in academic mobility within the country; for example, an agreement has been concluded with the KazNMU named after S.D. Asfendiyarov.

There is a document on the transfer and offset of learning outcomes between educational organizations: Academic credit within the ECTS framework measures the complexity of studying a discipline, both in the classroom and during independent work. Credits for disciplines completed at a foreign university are transferred based on a transcript, according to the Bologna system in Kazakhstani and European universities, 1 credit is equal to 30 hours. The complexity of one Kazakhstani academic credit (30 academic hours) corresponds to 1 ECTS credit (25-30 academic hours) in accordance with the order of the Minister of Education and Science of the Republic of

Kazakhstan dated April 20, 2011 No. 152. "On approval of the Rules for organizing the educational process using credit technology of education."

73 agreements and memorandums have been concluded with organizations, universities, associations, including universities in Russia, Turkey, Uzbekistan, Kyrgyzstan, Belarus, etc. Such cooperation will allow teachers of the educational organization to actively participate in national and international events. Agreements have been signed with the Strategic Partner - Shenzhen University, PRC. At the moment, a Memorandum of Mutually Beneficial Cooperation has been signed with it.

Conclusions of the EEC on the criteria. Comply with out of 18 Standards (including 11 basic, 7 improvement standards): fully - 18, partially - 0, do not comply - 0

Standard 7: EDUCATIONAL PROGRAM ASSESSMENT

7.1 Monitoring and evaluation mechanisms

Monitoring of the educational program includes monitoring the provision of the educational process with the necessary resources (clinical sites, teaching staff, clinical mentors, educational literature, classroom fund, equipment, etc.); monitoring the compliance of the curriculum with the requirements of state educational standards; monitoring the compliance of the content of resident training with the requirements of state educational standards, qualification requirements for specialists, professional Standards, trends in the development of science and medicine; monitoring feedback from stakeholders on the quality of the content of the educational program, monitoring the academic performance of residents, progress in mastering the competencies defined in the program, which ensures the transparency of the process and results. An annual analysis of the educational program will allow the educational organization to make adjustments and improve the content.

Since the 2023-2024 academic year, the Department of Methodology and Quality has been operating at the KMU "HSPH", which will regularly assess the quality of educational programs and the Regulation on Monitoring and Evaluation of EPs has been developed. (Reviewed at a meeting of the Educational and Methodological Council; Minutes No. 2 of 04/20/2023. Educational program 7R01109 "Adult, Pediatric Gastroenterology" was approved by the Academic Council on 04/28/2023.)

The quality of the educational program is regularly assessed by the Department of Strategic Development and the QMS, taking into account the goals and objectives of training, the final outcomes (through the assessment of residents). The process of implementing the educational program is assessed through feedback from residents and teachers and the achievements of graduates. There are no final results of the survey yet, recruitment is this year.

Evaluation of approaches to the admission of residents is carried out by taking into account the need of practical healthcare for specialists at the request of health departments. Admission to training is carried out in accordance with the Order of the Minister of Health of the Republic of Kazakhstan dated December 15, 2020 No RK MOH-270/2020 On approval of the rules for placing a state order, admission to training and training of medical personnel in residency (with amendments and additions as of 04/07/2023).

The selection and compliance of teachers and teaching methods is also carried out through feedback from residents. The process of implementing the educational program is assessed through feedback from residents and teachers and the achievements of graduates. The results of the residents' survey are discussed at a department meeting, with subsequent decision-making on the organization and content of the EP in order to improve it. The assessment of the methods for assessing the knowledge and skills of residents is carried out using intermediate and final independent certification in the form of a comprehensive exam with the involvement of external examiners. The adequacy and quality of educational resources is assessed by training in residency, which includes practical work in a clinical setting through the acquisition of relevant clinical/practical experience at residency bases.

Residents of the specialty "Adult and Pediatric Gastroenterology" work at clinical bases as resident doctors.

7.2 Feedback from teachers and residents

Feedback from teachers and residents is regularly collected at the KMU "HSPH" of education.

A questionnaire was developed for surveying teachers, including 10 questions, including on the EP. The survey of residents is conducted at the end of the cycle at the departments and is devoted to such topics as satisfaction with the EP and teachers. Feedback from stakeholders is used systematically when making changes to the EP: the list and content of disciplines from the point of view of the competency-based approach, improvement of teaching methods, the system of final control and assessment of students' knowledge

7.3 Results of residents and graduates

The results of residents and graduates are indicators of the quality of educational programs. There are no final results of the assessment of residents in the specialty 7R01109 "Adult and Pediatric Gastroenterology", since the recruitment of residents this year is for the first time

Experts noted the following successes in the clinical training of residents: monitoring of the implementation of the EP is carried out within the framework of intra-departmental control (IDC) and intra-university control when attending open classes, lectures and other types of activities of the teaching staff to assess teaching methods and assess the knowledge of students. Monitoring of the educational process includes monthly meetings of departments, where they discuss the implementation of individual plans of the resident, the results of quality control of the educational process.

Monitoring of graduates of the residency program is planned through surveys of employers. There was no employment as the residents are only in their first year of study.

Since the entire process of training and monitoring residents is concentrated in the residency department, the results are carried out based on the results of current monitoring within the framework of the topics of the discipline and midterm assessment. Responsible for the residency programs is - Abirowa A.A.

7.4 Involvement of stakeholders

The educational organization has approaches to involving teachers and residents in the assessment of the educational program and monitoring its implementation. Thus, residents are included in the advisory body "Council of Young Scientists" and participate in the discussion of all issues of the educational process. The results of the assessment of the educational program are announced at a meeting of the council of the residency and additional education department.

Interviews with 7 employers were conducted online and included questions such as: knowledge of the university mission, participation in developing the mission and proposals for the strategic plan, participation in the work of advisory bodies, satisfaction with the basic knowledge and skills of residents, participation in training residents through mentoring, providing the department and residents with the necessary resources for practical training and the development of clinical thinking, problems of interaction with departments and universities in general, , there has not been a release yet.

7.5 Procedure for approving educational programs

The educational organization has a system for documenting the educational process, including approval of the educational program, which includes the following: planning, discussion, approval and monitoring of implementation. The educational program is discussed at department meetings, and agreed upon at the Department of Methodology and Quality of Educational Programs and the Employers' Council, then submitted for discussion to the Educational and Methodological Council (EMC) and approved by the Academic Council, then the Residency Department submits an electronic application to the Register of Educational Programs of the Ministry of Science and Higher Education of the Republic of Kazakhstan for inclusion of the residency program in the Register.

The interested parties involved in the approval of the educational program are students, employers and the faculty. A system for monitoring the quality and compliance of clinical sites,

material and technical equipment and educational resources has been developed and implemented, which includes the following: The satisfaction of stakeholders with the level of training of students is assessed by conducting a survey and questionnaire.

Conclusions of the EEC on the criteria. Comply with 10 standards (including 7 basic, 3 Standard improvement): fully -10, partially -0, do not comply - 0

Standard 8: MANAGEMENT AND ADMINISTRATION

8.1 Management

Training of students is carried out in accordance with the State License for Educational Activities No. KZ18LAA00006861 dated 21.04.2016 (unlimited) and the Appendix to the license (link: [License for Educational Activities and Appendix to the License \(Healthcare\)](#)).

Residency training is conducted in accordance with the requirements of such regulatory rules regarding the admission of residents as the Academic Policy of the KMU "HSPH". Assessment of knowledge and skills is carried out on the basis of an independent examination. To implement the educational program, the KMU "HSPH" of education has an organizational structure: <https://ksph.edu.kz/structure/>), in which the educational sector is represented by the Quality Council, a representative collegial body headed by the Rector, operating in the field of planning and coordinating work on the formation and development of the QMS of educational activities in order to train highly qualified specialists in demand in the domestic and foreign labor markets. The Guide "System of Internal Quality Assurance of KMU "HSPH"" (link: [Guide System of Internal Quality Assurance](#)) establishes the procedure for regulating and ensuring the improvement of the quality of education, the development of a culture of continuous quality improvement in accordance with the strategy of KMU "HSPH".

The experts reviewed the documents on completion of resident training, including that resident doctors who have completed training under the residency educational program and successfully passed the final certification are awarded the qualification of "doctor" in the corresponding specialty 7R01109 "Adult and Pediatric Gastroenterology" and are issued a certificate of completion of residency free of charge.

A quality management system has been developed, implemented and certified at KMU "HSPH". The quality policy has been communicated to all employees, all team members, including management, have committed to participate in the development, maintenance and assurance of quality (link: [Quality Policy](#)).

The dean, heads of the educational programs, the head of the department and the teaching staff took part in the development of the program. All interested parties are informed about the program through the university website <https://ksph.edu.kz/structure/>.

8.2 Academic Leadership

The responsibilities and duties of the management and staff of postgraduate medical education are defined, which are assigned to the Educational Process Management in accordance with the organizational structure, which is approved by the Rector and agreed upon with the founders (link: <https://ksph.edu.kz/structure/>).

In accordance with the organizational structure of LLP KMU "HSPH", the educational process of residency is supervised by the Vice-Rector for Clinical Activities, to whom the Residency Department (hereinafter - RD) is subordinate (link: [DR Business Process](#)).

Transparency of management and decision-making in the educational process is ensured through the organization, planning, provision, monitoring, control and analysis of the educational process, which is reflected in the Academic Policy of KMU "HSPH".

The university divisions, including departments, carry out an analysis based on the results of the implementation of the efficiency indicators (Efficiency) of the relevant divisions, including indicators

of training, teaching and scientific activity for the reporting period (academic, calendar year). Issues on the EP are submitted for discussion to the Council of the Residency and the SC.

The university has also implemented a system for managing the effectiveness of employee activities, a competition "Best in the Profession", "Best University Lecturer" for teachers.

KMU "HSPH" evaluates the management of the educational process and employees in relation to achieving the mission of the residency program, the expected final outcomes by conducting feedback with residents and teachers.

To the question of the questionnaire "Do the organization's management listen to your opinion regarding issues related to the educational process, research, clinical work", 78.38% of teachers answered that they do so systematically, 13.51% answered "sometimes", no answer - 8.11%.

8.3 Budget for training and resource allocation

The department responsible for planning and distributing finances in residency programs is the Department of Economics and Finance. To manage financial issues, the KMU "HSPH" has a position of Commercial Director. The scope of duties, responsibilities and powers are reflected in the job descriptions, in the Relations of the Department of Economics and Finance, approved by the Rector on 04/25/2022.

Structural divisions form resource needs, including for the implementation of the educational process, as well as resources for the development of the university and university clinics. Based on these needs, a University Development Plan is formed, which is reviewed and approved by the Academic Council for 5 years. A financial plan is drawn up annually, including a target budget for training, which is approximately 30-40 million tenge. The financial plan corresponds to the strategic plan for the period up to 2025. Most of the funds are spent on the purchase of equipment. During a meeting with employees of the financial sector, experts found out that the cost of each EP is formed taking into account the full coverage of costs: i.e. salaries, taxes, internship expenses, academic mobility, equipping the educational process (equipping the library collection), as well as the costs of maintaining educational buildings. Targeted financing is carried out: under the budget program (006 "Training specialists with higher, postgraduate education and providing social support to students"), at the expense of a state educational grant, at the expense of own funds or a local executive body (LEB). Reimbursement of cellular communications for 88 residents for 4 months of 2024 amounted to 1,056.0 thousand tenge. The wage fund for the Residency program for 2024 amounted to 80,321.8 thousand tenge, taxes and deductions 8,974.9 thousand tenge. A financial report is submitted annually, which is approved by the Academic Council and demonstrates, among other things, the distribution of educational resources in accordance with the needs and coverage of all types of expenses for the implementation and development of the residency program.

8.4 Administration and Management

The organizational management of the educational program is carried out by the residency department and heads of departments. During the visit, the following were familiarized: with the regulations of the educational process (academic calendar, number of academic groups, volume of academic work, teaching load of teachers), calculation of hours, schedules agreed upon by the WC, classroom fund, contingent of students, accounting of educational achievements of students (portfolio, statements, etc.).

The experts established that the quality management system (QMS) was introduced in 2015 and includes regular internal and external audits, including those supporting the residency program processes. The Quality Manual QMS-RPK-7.5.1/01-2022, approved by the Quality Council on 10/31/2022, protocol No. 5, defines the Policy and Objectives of KMU "HSPH" in the field of quality and describes the quality management system developed to implement this policy (link: Quality Policy). The implementation of the quality management system at the university made it possible to formulate a quality policy, create a management model; develop and effectively use the documentation of the quality management system; determine internal quality assurance mechanisms. The Department of Strategic Development and Quality Management System is responsible for the implementation and monitoring of the QMS. The teachers are aware of the QMS, which is confirmed during their

interviews. The main documents of the QMS are the following: (link: [Manual Internal Quality Assurance System](#)).

The KMU "HSPH" has developed and approved regulations on structural divisions (school, department) and job descriptions of the university teaching staff.

Assessment of the administration and management of the educational process as a whole and the educational program of residency in the specialty 7R01109 "Adult and Pediatric Gastroenterology" is carried out through interviews, questionnaires, study of complaints and recommendations, and the results demonstrate the level of satisfaction of residents with the quality of educational services (link: [Analysis of satisfaction of residents](#) with the quality of educational services at the end of 2024).

8.5 Requirements and regulations

The educational organization complies with the recommendations of national authorized bodies, including the Ministry of Science and Higher Education of the Republic of Kazakhstan and the Ministry of Health of the Republic of Kazakhstan. Thus, in accordance with the classifier of residency specialties (On approval of the Classifier of training areas for personnel with higher and postgraduate education; Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 13, 2018 No. 569), at the beginning of the 2023-2024 academic year, the educational organization provides training in 9 specialties, including gastroenterology, and also plans to train in the electives of nutrition and liver cirrhosis.

Experts have established that the educational program is provided with the relevant educational and methodological documents and teachers.

Conclusions of the EEC on the criteria. Compliant with 11 standards (including 8 basic, 3 Standard improvement): fully -11, partially -0, do not comply - 0.

Standard 9: CONTINUOUS RENEWAL

The procedure for updating the organizational structure is carried out annually, such changes as the Council of Young Scientists was organized in the KMU "HSPH", designed to promote the development of the potential of young scientists, the search for grant support. There is a "Regulation on the Council of Young Scientists" dated November 2, 2020 (link: [Regulation on the Council of Young Scientists](#)), In order to ensure the connection of the educational program with the needs of the healthcare system of the Republic of Kazakhstan, the KMU "HSPH" created the Council of Employers (link: <https://ksph.edu.kz/kruglyj-stol-integracija-obrazovani/>).

The training process for residents has been updated, such as, for example, feedback from clinical sites showed the need for greater emphasis on developing residents' practical skills, which led to the introduction of new simulation techniques into the educational process.

Updates are made by analyzing the effectiveness of teaching methods and their compliance with the requirements of the labor market and the healthcare system and are accompanied by regular revision of the working curricula and the inclusion of new methods of diagnosis, treatment and prevention in the elective components. When improving the educational program in gastroenterology, the department took into account the postgraduate training environment, modified the final results and adapted them according to modern views on theory and practice, made adjustments according to the requirements of new regulatory legal acts, new methods for assessing residents, forms of examinations (a clinical exam was introduced) were developed, teaching methods were changed, the process of monitoring and evaluating the gastroenterology program was changed, stakeholders are widely involved.

In terms of both relative and absolute indicators, the university has normal financial stability and successful development potential, including for updating resources for continuous improvement (resources of the library and publishing center).

In KMU "HSPH" resources for continuous improvement in the amount of 80617.1 are allocated annually; for example, in 2023-2024 it was 64493.7 thousand tenge (excluding salary).

For targeted improvement of the educational process, sociological research is conducted, including anonymous surveys among residents on satisfaction with training in the Gastroenterology program, as well as a questionnaire on professional burnout "Maslach", MBI / PV once every six months. In the process of such analysis, approaches to teaching in residency are revised, academic mobility is introduced.

Conclusions of the EEC on the criteria. Compliant out of 2 standards (including 1 basic, 1 improvement Standard): fully -2, partially -0, do not comply – 0.



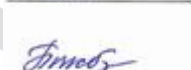


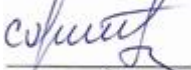
CONCLUSION: during the external assessment of the educational program, it was found that out of 114 standards (including basic standards – 82 and improvement standards – 32), 110 accreditation standards demonstrate full compliance, including 78 basic standards and 32 improvement Standards. 4 basic standards and 0 improvement standards are partially fulfilled. No non-compliance with standards was found.

5. Recommendations for improvement of the educational program 7R01109 "Adult and Pediatric Gastroenterology":

- 1) To expand the catalog of elective disciplines (CED) taking into account the need to ensure competencies in the scientific foundations and methodology of medical research, including the disciplines of clinical research and clinical epidemiology (Standard 2.2.1).
- 2) To document assessments of the reliability and validity of control and measuring tools (CIS) for the purpose of their continuous improvement (Standard 3.1.4)
- 3) To identify a department or person responsible for implementing activities on career planning, employment and monitoring of residency graduates in the organizational structure of the university (Standard 4.3.3).
- 4) To expand the representation of a wider range of stakeholders (faculty, employers, students) in the Advisory Bodies (Standard 4.4.1)

6. Recommendation to the ECA Accreditation Council

The members of the EEC established the compliance of the educational program of the residency in the specialty 7R01109 "Adult and pediatric gastroenterology" with the Accreditation standards and came to a unanimous opinion to recommend that the ECAQA Accreditation Council accredit this program for a period of 5 years.

	Full name	Signature
Chairman of the EEC	Kudabayeva Khatimya Ilyassovna	
International Expert	Sheppley Yelena Vladimirovna	
Academic Expert	Zhumalina Akmaral Kanashevna	
Academic Expert	Bozhbanbayeva Nishangul Seitbekovna	
Academic Expert	Bagiyarova Fatima Arystanovna	
Academic Expert	Akhmetova Almira Kalikapassovna	
Academic Expert	Karibayeva Dina Orynassarovna	
Academic Expert	Zhakenova Saira Sakhipkereyevna	
Academic Expert	Kabildina Nailya Amirbekovna	
Academic Expert	Zhanaspayeva Galiya Amangaziyevna,	
Employer Expert	Kunayeva Gulbanu Dzhanabayevna,	
Resident Expert	Bekenova Asemkul Berikovna	

Профиль качества и критерии внешней оценки образовательной программы (обобщение)

Standard	Критерии оценки	Количество стандартов	БС*/СУ	Оценка		
				Полностью соответствует	Частично соответствует	Не соответствует
1.	МИССИЯ И КОНЕЧНЫЕ РЕЗУЛЬТАТЫ	14	9/5	9/5	0/0	
2.	ОБРАЗОВАТЕЛЬНАЯ ПРОГРАММА	22	19/3	18/3	1/0	
3.	ОЦЕНКА РЕЗИДЕНТОВ	9	6/3	5/3	1/0	
4.	РЕЗИДЕНТЫ	20	14/6	12/6	2/0	
5.	АКАДЕМИЧЕСКИЙ ШТАТ/ПРЕПОДАВАТЕЛИ	8	7/1	7/1	0/0	
6.	ОБРАЗОВАТЕЛЬНЫЕ РЕСУРСЫ	18	11/7	11/7	0/0	
7.	ОЦЕНКА ОБРАЗОВАТЕЛЬНОЙ ПРОГРАММЫ	10	7/3	7/3	0/0	
8.	УПРАВЛЕНИЕ И АДМИНИСТРИРОВАНИЕ	11	8/3	8/3	0/0	
9.	НЕПРЕРЫВНОЕ УЛУЧШЕНИЕ	2	1/1	1/1	0/0	
		114	82/32	114		

Список документов, изученных членами ВЭК в рамках проведения внешней оценки образовательной программы резидентуры «Гастроэнтерология взрослая, детская»

№	Наименования документов/дата утверждения	Количество
1	Правила разработки образовательных программ ТОО казахстанский медицинский университет «ВШОЗ»	1
2	Правила приема в резидентуру	1
3	Положение о резидентуре	1
4	Положение об организации системы оплаты и стимулирования труда ТОО казахстанский медицинский университет «ВШОЗ»	1
5	Положение об академической мобильности обучающихся ТОО казахстанский медицинский университет «ВШОЗ»	1
6	Положение о приемной комиссии ТОО казахстанский медицинский университет «ВШОЗ»	1
7	Положение о педагогической нагрузке преподавателей ТОО казахстанский медицинский университет «ВШОЗ»	1
8	Положение о мониторинге и оценке образовательных программ ТОО казахстанский медицинский университет «ВШОЗ»	1
9	Положение о мониторинге и оценке образовательных программ ТОО казахстанский медицинский университет «ВШОЗ»	1
10	Положение о клиническом наставничестве	1
11	Положение о докторантуре	1
12	Положение департамента магистратуры и докторантуры	1
13	Нормы времени для расчета объема учебной нагрузки, выполняемой профессорско-преподавательским составом ТОО казахстанский медицинский университет «ВШОЗ» на 2024-2025 уч. год	1
14	Карта бизнес-процесса департамент резидентуры	1
15	Анализ удовлетворенности работодателей выпускниками ТОО казахстанский медицинский университет «ВШОЗ»	1
16	Академическая политика ТОО казахстанский медицинский университет «ВШОЗ»	1
17	Положение образовательная программа: разработка и обновление	1
18	Стратегический план ТОО казахстанский медицинский университет «ВШОЗ» на 2020-2025 годы	1
19	План-график проведения внутренних аудитов на 2024 год	1
20	Документированная процедура управление рисками	1
21	Документированная процедура аудиты	1
22	Документированная процедура анализ со стороны руководства	1
23	Анализ удовлетворенности резидентов ТОО казахстанский медицинский университет «ВШОЗ» качеством образовательных услуг на конец 2024 года	1
24	Анализ удовлетворенности работодателей выпускникам ТОО казахстанский медицинский университет «ВШОЗ» за 2024 год	1
25	Положение департамента экономики и финансов	1
26	Должностная инструкция главный бухгалтер департамента экономики и финансов	1
27	Должностная инструкция ведущий бухгалтер департамента экономики и финансов	1
28	Положение о системе ключевых показателей эффективности ТОО казахстанский медицинский университет «ВШОЗ»	1
29	Положение департамента международной деятельности	1