

**NJSC "WEST KAZAKHSTAN
MARAT OSPANOV MEDICAL UNIVERSITY"**

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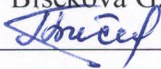
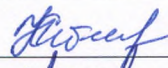
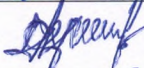
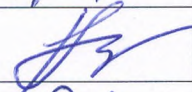
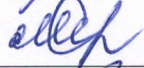
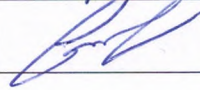
By the decision of the Board
Of NJSC "West Kazakhstan
Marat Ospanov Medical University"

Protocol № 39

Dated 18.11. 2025

REGULATION

**ON THE INTEGRAL GPA (IGPA) OF STUDENTS
NJSC "WEST KAZAKHSTAN MARAT OSPANOV MEDICAL UNIVERSITY"**

Cod	Edition	Developed by	Agreed by / Approved by	Signature	Date
P WKMU 27-06-02	First	Bisekova G.D.  <u>10.11.</u> 2025 r.	Abenova N.A.		17.11.2025
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			Kozhakhmetov B.K.		11.11.2025

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1. GENERAL PROVISIONS

- 1.1. This Regulation on the implementation of the Integral GPA of students of NJSC "West Kazakhstan Marat Ospanov Medical University" (hereinafter referred to as the Regulation) defines the procedure and organization for evaluating the social and research competencies of students.
- 1.2. The Regulation is developed in accordance with the Order of the Ministry of Science and Higher Education of the Republic of Kazakhstan dated January 4, 2024, methodological recommendations for the Implementation of integral, including social, GPA of students in higher and postgraduate education organizations.
- 1.3. This Regulation is designed to foster the development of individuals with higher education, oriented towards research and possessing high social responsibility towards society.
- 1.4. The Integral GPA indicator allows for a comprehensive assessment of the student's overall development by evaluating their academic, research, and social achievements.
- 1.5. For the purposes of this Regulation, the following definitions are used:
 - **Grade Point Average (GPA)** – the weighted average grade reflecting the level of a student's academic achievements, calculated over a specific period according to the chosen educational program. It is the ratio of the sum of credits and the numeric equivalent of final grades across all types of academic work to the total number of credits for these types of work during the given study period.
 - **Integral Grade Point Average (IGPA)** – a comprehensive final score that reflects the overall level of a student's academic achievements, as well as their research skills and social competencies throughout the entire period of study.
 - **Research Achievements of the Student (IROS – Indicators of Research-Oriented Study)** – a set of research skills and competencies acquired by the student during research and project activities. This indicator is measured using metrics that demonstrate the student's average research skill level. Such activities include, among others, participation in hackathons and startups.
 - **Social and Sports Achievements of the Student (SSCI – Social and Sport Competition Indicators)** – a set of social, sports, and other non-academic competencies acquired by the student through social work, volunteer, sports, and other extracurricular activities.

2. NORMATIVE REFERENCES

- 2.1. Order of the Ministry of science and higher education of the republic of Kazakhstan dated January 4, 2024, No.2 "On approval of methodological recommendations for the implementation of integral, including social, GPA of students in higher and postgraduate education organizations".
- 2.2. Academic Policy of university.
- 2.3. Academic Integrity Policy of university.
- 2.4. Regulations on conducting current progress control, intermediate and final certification of students.
- 2.5. Regulation on student self-government and educational work.

3. PROCEDURE FOR IMPLEMENTING THE INTEGRAL GPA

- 3.1. To evaluate the research skills and social competencies of students of NJSC "West Kazakhstan Marat Ospanov Medical University" (hereinafter referred to as the University), independently determines the types and forms of student activities in these areas, the organization procedure, criteria, indicators, and methodology for assessing research skills and social competencies, the grading scale, and the procedure for awarding points to students.
- 3.2. To ensure reliability, objectivity, and transparency in the evaluation of research skills and social competencies, the University has developed and approved a Competency map based on the graduate's model of NJSC "West Kazakhstan Marat Ospanov Medical University".

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3.3. The graduate's model of NJSC "West Kazakhstan Marat Ospanov Medical University» includes the following characteristics:

1. **Intelligent, lifelong learner** – who continuously engages in self-development and self-education; participates in olympiads, subject competitions, and intellectual games; undertakes academic mobility and international internships; participates in student debates, youth communities, and clubs; possesses critical thinking, digital literacy, and analytical skills.

2. **Researcher and innovator** – who actively involved in scientific research, scientific-practical conferences; publications of articles and theses; participation in startup projects; development of innovative solutions in medicine and education; obtaining copyrights, patents, implementation acts; participation in scientific circles, societies, and research groups.

3. **Volunteer and social activist** –who socially oriented, caring, and active member of society, participates in social, charitable, environmental, and cultural projects; provides assistance to vulnerable groups, children, the elderly, and patients; participates in environmental and animal protection projects and initiatives; actively involved in public, social, and cultural events at the university, city, and regional levels; is a member of student self-government, participates in youth organizations and councils; develops or supports social initiatives of the university, municipality, participates in creative and cultural events as an actor, singer, musician, dancer, or organizer; promotes a culture of mutual respect, inclusivity, and civic responsibility.

4. **Athlete and healthy lifestyle promoter** – who participates in sports clubs, sport festival, and tournaments; possesses self-regulation and stress-management skills; demonstrates by personal example the importance of a healthy lifestyle and disease prevention; maintains physical and psychological resilience; develops strong self-control, discipline, and a drive for success.

5. **Patriot and university ambassador** – who aware of responsibility towards the country and region, promotes the values of medicine, the university, and the region; forms a positive image of the university nationally and internationally; participates in career guidance for schoolchildren and promotes medical education; presents the university's experience on media platforms (TV, radio, podcasts); manages or supports official university accounts and projects (ethically and as authorized); studies the history of the university, region, and country; visits significant historical sites; promotes national values, culture, and traditions in the professional environment; maintains high academic and civic ethics, serves as a role model; respects state symbols and Kazakhstan's historical heritage

3.4. To ensure reliability, objectivity, and transparency in assessing research and social competencies, the University defines the research and social competencies and skills, develops assessment criteria, and grading scales (Appendices A-D).

3.5. IGPA indicators are considered when:

- forming individual student rankings;
- determining candidates for internal and international scholarships, grants, and academic mobility;
- competitive selection for residency programs, doctoral studies, and student leadership initiatives;
- graduate employment at the request of an employer and for issuing recommendation letters.

4. RESEARCH COMPETENCE

Research competence-is a set of knowledge, skills, abilities, and experience necessary to conduct scientific research, generate new knowledge, develop new intellectual products, solve professional problems, and prepare scientific projects. It reflects the student's ability to effectively conduct research at all stages.

4.1. Formation of research skills

Research skills are developed by student through the study of academic disciplines and extracurricular activities. Courses such as "Fundamentals of Clinical Epidemiology and Biostatistics," "Evidence-

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Based Medicine and Statistical Methods," "Conducting Medical Research," and other research-related disciplines allow students to:

- conduct literature reviews;
- develop research protocols;
- justify results obtained;
- present research in reports, theses, or articles.

4.2. **Forms of student research activity**

Student research activities may include:

- individual or group projects in student scientific circles;
- participation in student scientific societies and clubs;
- participation in competitions, scientific and innovation projects, startup projects, programs, olympiads, hackathons, and intellectual contests;
- presentations at scientific conferences, exhibitions, debates, symposiums, congresses, seminars, and forums;
- preparation of theses, articles, and final projects/papers.

4.3. **Criteria for evaluating research skills**

Criteria include:

- ability to formulate a topic, validate relevance and novelty, and define the problem;
- skills in working with scientific literature, understanding research methods, and choosing the optimal methodological approach;
- presentation skills at conferences, preparation of theses and articles, including publications in official lists of the "Committee for quality assurance in science and higher education of the ministry of science and higher education of the republic of Kazakhstan;
- ability to independently or under supervision complete research assignments or elements of a startup project;
- ability to conduct research using analysis, critical thinking, statistics, scientific experiments, and computer modeling.

4.4. **Accounting and awarding points for research achievements**

Data collection, registration, accounting, awarding, and storage of points for research achievements are carried out in the University LMS. Points are assigned based on the Student Research Competency Map. The average RSCI score is calculated based on research activity.

5. **SOCIAL COMPETENCES**

Social competence is an integrative quality that provides the ability to adapt and interact effectively in society, solve professional tasks constructively, and perform various social roles.

5.1. **Formation of social competences**

Students acquire social competencies through participation in university, city, and national social, cultural, and sports activities.

5.2. **Areas of social competences include**

Communication skills;

- legal and financial literacy;
- responsibility;
- leadership qualities;
- ability to create a positive personal image;
- tolerance and respect for others' opinions;
- conflict resolution skills;
- understanding social diversity and interaction models.

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5.3. Objectives of social activities include

- formation of national identity, moral and ethical values, and rejection of antisocial behavior;
- development of active civic position;
- fostering leadership and patriotism;
- cultural and creative development;
- engagement in socio-psychological and educational support for various groups;
- environmental education;
- development of self-realization and self-organization skills.

5.4. Forms of social activity include

- volunteering;
- participation in social, cultural, and environmental projects;
- involvement in university, city, and national public life;
- activities for helping those in need, protecting the environment and animals;
- promotion of a healthy lifestyle and sports;
- participation in student self-government (leader/member);
- involvement in social and creative projects;
- promotion of debate culture;
- participation in concerts and cultural events;
- promotion of the university's image;
- media appearances;
- participation in university information projects (social media, media);
- career guidance and interaction with prospective students;
- promotion of national values;
- studying university and regional history;
- visiting cultural and sacred sites.

5.5. **Social GPA (SSCI)** is a tool for accumulating and visualizing students' social experience, reflecting involvement and achievements in social and sports activities.

5.6. Calculation, evaluation, and accounting of points

- Social and sports activity is assessed based on relevant indicators.
- Points are assigned according to the Social Competency Map, which lists competencies, activity levels, and scores.
 - SSCI is calculated from all types of social activities.
 - Each event is assigned points based on complexity and duration.
 - Each activity has evaluation criteria, which are summed and converted into letter grades and then numerical scores.
- SSCI is recorded through the student's LMS profile.

6. PROCEDURE AND MONITORING OF INTEGRAL GPA CALCULATION

- 6.1. Points for research skills, social competencies, and academic achievements are calculated using a unified grading system at the end of the academic period.
- 6.2. IGPA is calculated at the end of each academic period and includes academic achievements (50%), participation in research activities (35%), and social activity (15%).
- 6.3. Student achievement rankings are calculated in the information system with attached supporting documents.
- 6.4. IGPA formula:

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$$SSCI_{norm} = \frac{SSCI - 20}{100} \cdot 4$$

$$IROS_{norm} = \frac{IROS - 50}{50} \cdot 4$$

where: GPA – weighted average of academic achievements;

IROS – research skills and competencies acquired through research and project activities;

SSCI – skills and competencies acquired through social, volunteer, and sports activities.

SSCI and IROS are normalized to the GPA scale (0–4) using linear standardized score, considering minimum and maximum values of each activity type (Appendices 1-2):

SSCI normalized from 20–120 points

iROS normalized from 50–100 points

Formula for evaluating the standardized score.

$$SSCI_{norm} = \frac{SSCI - 20}{100} \cdot 4$$

$$IROS_{norm} = \frac{IROS - 50}{50} \cdot 4$$

6.5. SSCI points are accounted and assigned by the educational work specialist, curators' council, and student self-government.

6.6. (IROS) points are accounted and assigned by Schools and SSO.

6.7. Control is exercised by the Vice Dean → Dean → Vice-Rector for Academic and Educational Affairs → Rector, Chairman of the Board.

7. POLICY TO MOTIVATE STUDENTS FOR RESEARCH AND SOCIAL ACTIVITY

7.1. Due to increase student motivation for research and socially oriented activities, the following incentives are provided:

- reimbursement of expenses for participation in conferences, competitions, and olympiads;
- opportunities for academic mobility (internal and international);
- annual recognition of students at the end of the academic year in the "Best Student" contest;
- awarding named scholarships for high achievements in scientific, creative, social, and volunteer activities.

7.2. According to the Regulation on Students' Social Policy, material and moral incentives include:

- commemorative cup;
- valuable gift;
- monetary award;
- letter of appreciation to the student's parents;
- letter of appreciation from the Rector to the employer;
- letter of appreciation from the Rector to the director of the school/college attended by the student;
- display of the student's photo on the "Best Student" or "Best GPA" board;
- display of student achievements on university information boards;
- publication of student photo and achievements on the university website;
- publication on corporate social media;
- honorary certificate from the Rector, Chairman of the Board.

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Appendix A

Awarding scores for social and sports achievements (SSCI)

№	Type of Activity	Type of Activity				Type of Activity
		Level of activity	Role of Student:	Duration of Participation:	Document:	
1	Participation in volunteer activities, including community service	• Event Level: • University • City/Region • Kazakhstan • International	• Organizer • Coordinator • Active Volunteer • Participant	• One-time participation • Series of events • Long-term project	• Certificate • Letter of Appreciation • Order • Act / Report • Publication and link on social media	20
2	Sports achievement (prize-winning in individual and/or team competitions)	• University level • City/Regional level • National (Republic of Kazakhstan) • International level	• Winner / Prize-winner • Participant of the competition • Team captain / leader	• One-time participation • Preparation and participation in seasonal game	• Diploma, certificate • Competition protocol • Photo / link	30
3	Participation in social, creative, sports, and other socially beneficial events	• University level • City/Regional level • National (Republic of Kazakhstan) • International level	• Speaker / Performer • Organizer • Participant	- One-time participation • Regular participation • Project lasting ≥ 1 month	• Certificate • Letter of Appreciation • Event program • Link to website/social media	20
4	Organization of student self-government bodies, clubs, and organizations; project implementation	• University level • City/Regional level • National (Republic of Kazakhstan) • International level	• Chair / Leader • Coordinator • Active member • Member of the organization	• Leadership term ≥ 1 semester • Implementation of projects (3 or more events)	• Order • Protocol • Club / Student Council Report • Reference / Characteristic	30

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5	Participation in the implementation of social, creative, sports, career-guidance, and other socially beneficial projects, times new roman	• University level • City/Regional level • National (Republic of Kazakhstan) • International level	• Project leader • Coordinator • Member of the working group • Participant	• One-time project • Multi-stage project • Long-term project (1–2 semesters)	• Order • Letter of appreciation from the organizing committee for assistance in organization • Publication in mass media • Social media post • Brief report	25
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○ **Explanation**

Points are awarded depending on the event level, the student's role, the duration of participation, and the achieved result. The higher the level and the student's contribution, as well as the significance of the result, the more points are awarded, calculated using the formula: **BP** × **coefficient** (base point × coefficient). Points are awarded **only if a supporting document is provided**

Participation levels and coefficients:

• **Basic level**

Participation at the university level — project participant — one-time participation — no result.

(Coefficient: **1.0**)

• **Intermediate level**

Participation at the city/region level — active project participant — presence of a letter of appreciation or publication.

(Coefficient: **1.2**)

• **High level**

Participation at the national level — organizer/coordinator — prize placement achieved.

(Coefficient: **1.4**)

• **Advanced level**

Participation at the international level — project leader/initiator — prize placement or another significant result.

(Coefficient: **1.6**)

Example of calculation:

Sports → regional level → prize place → one-time → victory

$30 \times 1.2 \times 1.5 \times 1.0 \times 1.5 = 81$ points

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Appendix B

Times New Roman. Awarding of points for students' research and scientific achievements (IROS)

Type of Activity	Criteria and evaluation scales for assessing students' research competencies				Supporting documents
	University level	National level (Republic of Kazakhstan)	International level within Kazakhstan	International level abroad	
Membership in the Student Scientific Society (SSS)	100 50				Approved composition signed by the head of the department and the chair of the Student Scientific Society (SSS)
Chair / Coordinator	50	70	90	100	Certificate of participation in the competition, completed work
Member	50	70	90	100	Diploma of I, II, III degree, completed work
Participation in the Student Research Competition	50	70	90	100	Certificate of participation, published article in the conference proceedings
Prize-winning in the Student Research Competition	50	70	90	100	Published abstracts of research work in the conference proceedings
Presentation at a scientific-practical conference	50	70	90	100	Published article co-authored with a scientific supervisor (university lecturer) in a scientific journal, link to the article
Participation in a startup project competition	50	70	90	100	Certificate of participation, startup project business plan
Conducting scientific	50	70	90	100	Brief report with survey



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experiments in schools					forms, questionnaires, observation sheets, data collection, data processing, and visualization of experimental results
Obtaining intellectual property documents (author's certificate, patents, implementation acts)	50	70	90	100	Certificate of copyright, patent certificate, implementation act in the educational process of a school or university
Participation in organizing scientific events	50	70	90	100	Letter of appreciation from the organizing committee for assistance in organizing a scientific event

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Appendix C

Map of Students' Social and Sports Competencies

№	Types of Activities	Activities	Skills and Competencies
1	Social Activities	Events organized by the Department of Internal Policy, academic departments, faculties, the city/region	Interpersonal Communication • Communication skills • Ability to work in a team • Social skills
2	Volunteer Activities	☐ Providing voluntary social assistance to various population groups ☐ Environmental and charitable events ☐ Development and support of student initiatives aimed at organizing volunteer activities, including: • developing and implementing measures to enhance the role of volunteer work in cooperation with various target groups and categories of the population; • organizing and conducting consultations and methodological support for volunteers; • forming volunteer groups; • training in volunteer activities	Empathy • Social responsibility • Communication skills • Teamwork
3	Intellectual and Educational Activities (public speaking, debate clubs, poets' clubs, aitys, etc.)	Organization of seminars, trainings, master classes, tournaments, etc.	• Critical thinking • Public speaking • Tolerance • Ability to argue and defend a position • Ability to work in a team

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4	Artistic and Creative Activities	• Festive events • KVN (humor competitions) • Plays and theatrical performances • Concerts	Creative abilities • Cognitive skills • Aesthetic culture • Self-expression
5	Civic, Patriotic, and Image-Building Activities	Publications, interviews • Managing socially beneficial accounts, podcasts, channels • Career guidance work • Promotion of national values • Studying the history of the university and the region • Visiting sacred sites of the region	• Patriotic consciousness • Loyalty to the university • Ability to defend one's position • Respect for others' opinions • Communication and persuasion
6	Activities within student and youth organizations, clubs	Work in student scientific societies, clubs, and student associations	Leadership • Teamwork • Organizational skills • Social activity
7	Academic mobility	Training within internal or external academic mobility programs	Communication skills • Adaptability • Intercultural competence • Independence
8	Sports activitie	Universiade • Spartakiad • Olympiads • Tournaments • Competitions • Participation in sports sections	Endurance • Strength and agility • Discipline • Determination • Team spirit
9	Student self-governanc	Membership in student self-governance	development of leadership qualities through participation in student leisure and socially significant

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			events; teamwork; facilitating the civic, social, and professional self-realization of students; developing proposals to improve the quality of the educational process, taking into account the professional and social interests of students; assisting the structural divisions of the university in the events they conduct; organizing student public events, conferences, round tables, exhibitions, alumni meetings, and others; conducting educational work aimed at increasing students' awareness and their responsibility for the level of their knowledge, fostering a careful attitude toward university property, and cultivating patriotic respect for its traditions; ensuring transparency of all aspects of student life through print and other media; strengthening inter-university, interregional, and international cooperation.
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Map of Students' Research Competencies

№	Type of Activity	Activities	Skills and Competencies
1	Research activities within a scientific club or the Student Scientific Society (SSS/SNO)	Participation in meetings of the scientific club, discussion of scientific topics; conducting individual and group research projects	Conduct a literature review on the research topic Justify research results Apply selected methods to solve scientific problems Evaluate the significance of obtained results Prepare a research study in the form of a report
2	Participation in seminars and open lectures	Online and offline seminars and lectures on article writing and conducting scientific research	Summarize knowledge on self-organization Search for relevant literature Systematize and apply acquired knowledge in academic and research activities Use non-standard thinking tools, including mind maps, logic, TRIZ
3	Participation in organizing conferences, congresses, Olympiads (including subject Olympiads), master classes, seminars, and competitions	Technical assistance in organizing university scientific-practical conferences, round tables, Olympiads, seminars, and workshops	Work with event organizing committee documentation Work with Google Documents for processing participant data and analyzing data
4	Participation in student research competitions, Olympiads (including subject Olympiads), master classes, seminars, and competitions — with an oral presentation / poster presentation / as a moderato	Student research competition, Olympiads, master classes, seminars	Conduct literature review, define research questions, select and apply research methods, apply chosen methods to solve scientific tasks, evaluate the significance of results, prepare a research report, solve clinical cases Analyze clinical situations and choose appropriate tactics Complete assignments in anatomy, physiology, biochemistry, pathophysiology Apply principles of evidence-based medicine (EBM) Complete simulation training assignments
5	Winning a prize in student research competitions, Olympiads, or seminars	Student research competition, Olympiads	Prepare research work in the form of a project; manage the project and the team to achieve scientific results of the project Create a multimedia presentation visualizing the research results; present the product to the competition committee, showcasing outcomes of the research work

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			Public speaking and pitching skills Solve clinical cases; analyze clinical situations and choose appropriate actions; complete assignments in anatomy, physiology, biochemistry, and pathophysiology Apply principles of evidence-based medicine (EBM); complete simulation training assignments Leadership skills
6	Publication in a scientific-practical conference	Participation in a scientific-practical conference	Prepare a research study Complete the authors' questionnaire Submit an article on the conference website Conduct business correspondence for submitting the publication to a scientific-practical conference.
7	Participation in the organization of scientific events	Technical assistance in organizing scientific-practical conferences, round tables, seminars, workshops	Carry out tasks related to participant registration Instruct event participants Assist the organizing committee in distributing information to conference participants
8	Participation in startup competitions / innovation projects / hackathons / business idea contests	Participation in startup competitions, innovation projects, hackathons, and business idea contests	Identify the problem; define the target audience; formulate working hypotheses Develop a prototype or MVP of the project Test the prototype with the target audience Evaluate testing results and validate the hypotheses; modify the project as needed Work in a team to complete project tasks; present results at Demo Day to investors and potential clients; pitching skills
9	Conducting scientific experiments in school	Organization of a scientific experiment in a school in the form of conducting surveys, observations, interviews, analyses, experiments on animals, etc..	Selection and justification of research methodology and design Development of questionnaires, surveys, observation forms, and validated instruments Sampling, conducting surveys and observations Data collection, coding, and systematization Statistical analysis and interpretation of results Data visualization and preparation of scientific materials Adherence to academic integrity, bioethics, and informed

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			consent standards Preparation of reports, abstracts, articles, and presentations Participation in the discussion and defense of research results
10	Patent registration of scientific research: copyright certificates, patents, implementation acts	Patent registration of scientific research: copyright certificates, patents, implementation acts	Prepare research results for patenting; select the type of patent Register copyrights and patents on the website kazpatent.kz Prepare an implementation act of research activities in accordance with the requirements of the educational institution



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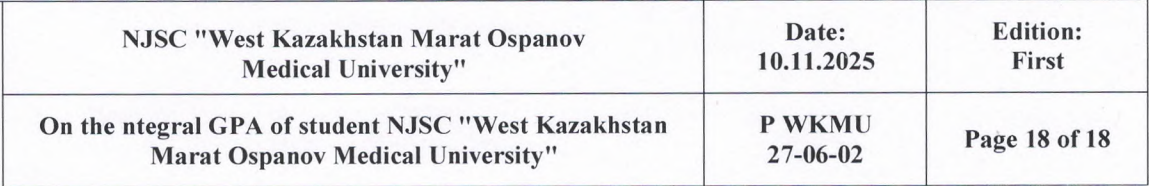
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Appendix D (mandatory)

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CHANGE REGISTRATION SHEET

[illegible]



F PRO WKMU 401-04-2025

ACKNOWLEDGEMENT SHEET

[illegible]