



---

## A MODERN VIEW OF THE PROBLEM OF CARDIOVASCULAR DISEASES IN WOMEN

Qobiljonova Shaxnoza Rustamovna,

Abdurashidova Zilola Akbarjon qizi,

Xasanova Gulshoda Xasanovna,

Sarimsoqova Mohinur Nosirjonovna

Tashkent State Medical University, Tashkent, Uzbekistan

---

### **Abstract**

Cardiovascular diseases (CVD) remain the leading cause of death worldwide. Despite this, historically, clinical attention to CVD in women has been insufficient. Only in recent decades have physicians and researchers increasingly recognized that the pathophysiology, manifestations, and risk factors of CVD in women have their own characteristics. This modern view is important not only for diagnosis, but also for prevention and therapy. Despite modern diagnostic and treatment methods, cardiovascular diseases (CVD) remain a leading cause of both morbidity and mortality. In Russia, according to Rosstat, the overall mortality rate from CVD in 2021 was 53%, which is primarily due to the main risk factors (RF). According to the literature, the importance of the gender factor in assessing the risk of developing CVD has increased [6]. CVD is the leading cause of death in women in all European countries: 49% compared to 40% in men [8]. Thus, among women, the most significant metabolic risk factors are diabetes mellitus (DM), obesity and its abdominal type, which is more common in the postmenopausal period. According to the literature, abdominal obesity (AO) in women leads to significant hormonal imbalances, the development of insulin resistance, which significantly increases the cardiovascular risk [1]. A special place is occupied by the problem of the development of "post-artificial menopause syndrome", associated with the development of CVD, metabolic syndrome (MS) and emotional disorders [15]. Pregnancy-related arterial hypertension (AH), preeclampsia (PE), habitual miscarriage, and a history of premature birth are associated with an increased risk of CVD [7,11].



Interactions between known risk factors and gender-specific properties result in varying degrees of changes that contribute to the development of atherosclerosis and arteriosclerosis. The pathophysiological basis of arterial stiffness is arteriosclerosis. Measuring arterial stiffness provides additional information beyond standard CVD risk factors when predicting future cardiovascular events. Arterial wall stiffness is determined non-invasively, and the gold standard for its measurement is carotid- femoral pulse wave velocity [9]. The 2018 ESH/ESC guidelines on hypertension [20] adopted a cutoff value of 10 m/s. However, various authors have found a relationship between of PWV and mean arterial pressure (BP) and heart rate (HR) [5,14]. In this regard, the cardio-ankle vascular index (CAVI) is considered as a marker of “true arterial stiffness”.vascular index), mathematically cleared of the influence of AD [9].

The aim of the study was to investigate arterial stiffness and diurnal dynamics of central aortic pressure in women of different age groups to optimize the early diagnosis of cardiovascular diseases.

### **Objectives and Methods of the Study**

To identify the main risk factors for cardiovascular disease and their prevalence in women of different age groups. To analyze arterial stiffness indicators and diurnal dynamics of central aortic and peripheral pressure in women of different age groups.

### **Study Results**

For the first time, a comprehensive assessment of arterial stiffness indicators and daily dynamics of central aortic and peripheral pressure was conducted, obtained using three different non-invasive research methods, in women of different age groups with risk factors for cardiovascular disease. Despite preserved reproductive function, 87% of women over 30 years old showed increased arterial stiffness against the background of existing risk factors for cardiovascular disease. For the first time, an assessment was conducted of the relationships between a set of arterial stiffness indicators, daily dynamics of central and peripheral pressure, and the most common and specific risk factors for women.



## ***Modern American Journal of Medical and Health Sciences***

**ISSN (E):** 3067-803X

**Volume 01, Issue 08, November, 2025**

**Website:** usajournals.org

***This work is Licensed under CC BY 4.0 a Creative Commons Attribution 4.0 International License.***

Thus, it was proven that for young women, calorie restriction, daily consumption of 400 grams or more of fruits and vegetables, and moderate alcohol consumption are reliably significant factors for maintaining vascular elasticity. The influence of obesity, especially its abdominal type, on the development of arterial stiffness in menopausal women is known. However, the study revealed strong positive associations between general and abdominal obesity and the development of arterial stiffness in women over 30 years of age with preserved reproductive function. Moreover, in women of menopausal age, the strongest pathological associations between arterial stiffness indicators and daily dynamics of central aortic and peripheral pressure were found with smoking and physical inactivity. In addition to the main risk factors for cardiovascular disease, the study analyzed the relationships between female-specific obstetric and gynecological factors and the studied parameters. It was established for the first time that not only a history of pregnancy pathologies but also the number of pregnancies, namely three or more pregnancies, are associated with the development of arterial stiffness. It was also proven that not only the onset of menopause but also a shortened reproductive period are associated with the development of arterial stiffness and increased blood pressure in women. A 12-month follow-up identified additional arterial stiffness indicators, the dynamics of which make sense to evaluate in women with already altered vascular walls after such a short period of time. For women over 30 years of age with preserved reproductive function, the most age-sensitive indicators are augmentation indicators and the Weissler coefficient indicating increasing left ventricular afterload against a background of decreased vascular wall elasticity. For women of menopausal age, the ambulatory vascular stiffness index, reflecting decreased vascular wall elasticity, was used. However, no changes in the main arterial stiffness indicators were detected over 12 months. The study demonstrated that the use of a comprehensive noninvasive examination, including arterial stiffness assessment using volumetric sphygmography, Doppler ultrasound, and 24-hour blood pressure monitoring, in women of various ages with cardiovascular risk factors is essential for identifying subclinical cardiovascular damage and the prevalence of vascular remodeling, improving the accuracy of cardiovascular disease prediction. This research



## ***Modern American Journal of Medical and Health Sciences***

**ISSN (E):** 3067-803X

**Volume 01, Issue 08, November, 2025**

**Website:** usajournals.org

***This work is Licensed under CC BY 4.0 a Creative Commons Attribution 4.0 International License.***

identified the primary influence of several risk factors on the development of arterial stiffness and changes in the daily dynamics of central aortic pressure, enabling the optimization of screening programs for this population and timely prevention and treatment. Based on the significant relationships identified during the study, practical recommendations for preventive screening of women of various age groups were developed.

### **Conclusions**

Dyslipoproteinemia is a major contributor to immune system dysfunction in patients with coronary heart disease and hypertension. Patients with coronary heart disease and hypertension combined with dyslipoproteinemia exhibited significant immune system dysfunction, including suppression of T- and B-cell immunity, decreased phagocytic activity of neutrophils and monocytes, activation of oxygen-dependent metabolism, and decreased total hemolytic activity of complement compared to healthy controls. In addition to these dysfunctions, patients with coronary heart disease and dyslipoproteinemia, unlike patients with hypertension and dyslipoproteinemia, showed increased CD10+ and CD95+ lymphocytes, increased IgA and circulating immune complexes, and activation of C1, C2, and C4 complement components.

### **References**

1. Abbas A. *Cellular and molecular immunology* / A. Abbas, A. Lichtman, Pober J. New York, 2011.
2. Abduraimovna, A.D., Turg'unboyevna, Y.N. and Rustamovna, Q.S., 2023. QIZLARNI OILA VA JAMIYATDA O 'ZO 'RNINI TOPISHDA PSIXOLOGIK KO 'NIKMA VA MA'NAVIY YETUKLIKNI SHAKLLANTIRISH. *Scientific Impulse*, 1(7), pp.310-313.
3. Aller A. Atherosclerosis and expression of the neuro-immune-endocrine system (letter) / A.Aller, L.Lorente, J.L. Arias // J. Intern. Med. 2016/Vol. №1.- P. 50-51.



## ***Modern American Journal of Medical and Health Sciences***

ISSN (E): 3067-803X

Volume 01, Issue 08, November, 2025

Website: [usajournals.org](http://usajournals.org)

*This work is Licensed under CC BY 4.0 a Creative Commons Attribution 4.0 International License.*

4. Axmedova, P. B. (2025). ADENOTOMY IN CHILDREN WITH ALLERGIC RHINITIS AND BRONCHIAL ASTHMA. *Web of Medicine: Journal of Medicine, Practice and Nursing*, 3(3), 459-466.
5. Durdona, Q. S. R. O. T. (2024). THE CURRENT STATE OF THE PROBLEM OF SEVERE ACUTE PANCREATITIS.
6. ERMATOV, N., KASSYMOVA, G., TAJIYEVA, K., KHASANOVA, M., ALIMUKHAMEDOVA, M., & AZIMOVA, S. (2020). Expression of tissue-specific genes in mice with hepatocarcinogenesis. *International Journal of Pharmaceutical Research (09752366)*, 12(3).
7. Inakov, S. A., Mamatkulov, B. B., Kosimova, K., Saidalikhuaeva, S., & Shoyusupova, K. B. (2020). Social and demographic characteristics of elderly and their lifestyle in developing countries: on the example of Uzbekistan. *Indian Journal of Forensic Medicine & Toxicology*, 14(4), 7418-7425.
8. Kamilova DN, Saydalikhuaeva SK, Abdashimov ZB, Rakhmatullaeva DM, Tadjieva XS. Employment relations and responsibilities of medical institutions workers in a pandemic in Uzbekistan. *Journal of Medicine and Innovations*. 2021;2(13-1).
9. Kamilova, D. N., Saydalikhuaeva, S. K., Rakhmatullaeva, D. M., Makhmudova, M. K., & Tadjieva, K. S. (2021). Professional image of a teacher and a doctor. *British Medical Journal*, 1(4), 4-14.
10. Kasimova, K. T. (2024). The Role Of Ecology In The Development Of Cardiovascular Diseases.
11. Khakimova, D. S., Kobiljonova, S. R., & Salomova, F. I. (2023, June). Results of hygiene assessment of food of school students. //International Scientific-Practical Conference “Only English: Advances in Medical Research and Practice Conference” 23.05. 2023.-P. 78-79.
12. Khilola, T. K. (2024). Assessment of environmental conditions in tashkent and relationship with the population suffering from cardiovascular diseases.
13. Khudoyberganov, M., Rakhmatkarieva, F., Abdurakhmonov, E., Tojiboeva, I., & Tadjieva, K. (2022, June). Thermodynamics of water adsorption on local



## ***Modern American Journal of Medical and Health Sciences***

**ISSN (E):** 3067-803X

**Volume 01, Issue 08, November, 2025**

**Website:** usajournals.org

***This work is Licensed under CC BY 4.0 a Creative Commons Attribution 4.0 International License.***

---

kaolin modified microporous sorbents. In *American Institute of Physics Conference Series* (Vol. 2432, No. 1, p. 050001).

14. Kobiljonova SR, Jalolov NN, Sharipova SA, Mirsagatova MR. SPECTRUM OF CAUSE-SIGNIFICANT ALLERGENS CAUSING POLYNOSIS IN CHILDREN.
15. Kosimova, K. T., Jalolov, N. N., & Ikramova, N. A. (2025, April). THE RELATIONSHIP BETWEEN AIR POLLUTION AND ARTERIAL HYPERTENSION. International Conference on Advance Research in Humanities, Applied Sciences and Education.
16. Makhsudova, S. O. (2025). QUALITY OF LIFE OF PATIENTS WITH BRONCHIAL ASTHMA. *EduVision: Journal of Innovations in Pedagogy and Educational Advancements*, 1(6), 567-595.
17. Masharipova, R. Y., & Khasanova, G. M. (2020). Improvement of motor fitness of dental students in the process of physical education classes. *Bulletin of Science*, 5(3), 101-104.
18. Masharipova, R., Togaynazarov, S., Pakhrudinova, N., Khasanova, G., & Abdurahimov, B. (2020). The main factors of formation and physical culture in society. *Systematic Reviews in Pharmacy*, 11(12), 612-621.
19. Mirrahimova, M. X., Kohiljonova, S. R., & Sadullayevna, X. A. (2022). PREVALENCE AND RISK FACTORS OF ALLERGIC DISEASE IN CHILDREN.
20. Mirzayev, M. M., & Malikov, S. G. (2025). CORONARY HEART DISEASE AND CANCER. *Web of Medicine: Journal of Medicine, Practice and Nursing*, 3(3), 215-224.
21. Mirzayev, M. M., & Malikov, S. G. (2025). DISEASES OF THE POPULATION FROM THE LEVEL OF AIR POLLUTION IN REGIONAL CONDITIONS. *Web of Scientists and Scholars: Journal of Multidisciplinary Research*, 3(3), 104-111.
22. Qosimova, X. T., Ikramova, N. A., Juraboyeva, D. N., & Mukhtorova, D. A. (2025, March). THE ADVERSE EFFECTS OF SMARTPHONES ON COGNITIVE ACTIVITY IN THE EDUCATIONAL PROCESS AND WAYS TO MITIGATE THEM. In *The Conference Hub* (pp. 76-79).



## ***Modern American Journal of Medical and Health Sciences***

**ISSN (E):** 3067-803X

**Volume 01, Issue 08, November, 2025**

**Website:** usajournals.org

***This work is Licensed under CC BY 4.0 a Creative Commons Attribution 4.0 International License.***

- 
23. Sadullayeva, X. A., Salomova, F. I., Mirsagatova, M. R., & Kobiljonova Sh, R. (2023). Problems of Pollution of Reservoirs in the Conditions of Uzbekistan.
  24. Salomova, F. I. (2024, February). STIMULATION OF THE IMMUNE RESPONSE BY CYTOKINE PREPARATIONS AND THEIR STANDARDIZATION. European youth innovation society conference volume 1№.
  25. Salomova, F. I., & Kim, E. S. (2025). METABOLIC DISORDERS IN CHILDREN WITH GASTROENTEROLOGICAL DISEASES AND FOOD ALLERGIES. *EduVision: Journal of Innovations in Pedagogy and Educational Advancements*, 1(6), 495-503.
  26. Salomova, F. I., & Kosimova, H. T. (2017). RELEVANCE OF STUDYING INFLUENCE OF THE BONDS OF NITROGEN POLLUTING THE ENVIRONMENT ON HEALTH OF THE POPULATION SUFFERING CARDIOVASCULAR ILLNESSES (REPUBLIC OF UZBEKISTAN). In *INTERNATIONAL SCIENTIFIC REVIEW OF THE PROBLEMS AND PROSPECTS OF MODERN SCIENCE AND EDUCATION* (pp. 81-83).
  27. Salomova, F. I., Mirrahimova, M. X., Sadullayeva, X. A., & Kobiljonova, S. R. (2022, November). Prediction and prevention of food allergies in children. Uzbekistan-Japan International Conference «Energy-Earth-Environment-Engineering», November 17-18, 2022, Uzbek-Japan Innovation Center of Youth, Tashkent, Uzbekistan Uzbekistan-Japan International Conference «Energy-Earth-Environment-Engineering», November 17-18, 2022, Uzbek-Japan Innovation Center of Youth, Tashkent, Uzbekistan tezis Bet 81.
  28. Salomova, F. I., Sadullaeva, H. A., Abdullaeva, D. G., & Kobilzhonova Sh, R. (2022). PREVALENCE AND RISK FACTORS OF ALLERGIC DISEASES IN CHILDREN IN HOT CLIMATIC CONDITIONS.
  29. Salomova, F. I., Sherkuziyeva, G. F., Sharipova, S. A., & Qobiljonova Sh, R. (2025). INFLUENCE OF ENVIRONMENTAL FACTORS ON THE PREVALENCE OF ALLERGIC DISEASES DISEASES. *EduVision: Journal of Innovations in Pedagogy and Educational Advancements*, 1(6), 451-460.



## ***Modern American Journal of Medical and Health Sciences***

**ISSN (E):** 3067-803X

**Volume 01, Issue 08, November, 2025**

**Website:** usajournals.org

***This work is Licensed under CC BY 4.0 a Creative Commons Attribution 4.0 International License.***

- 
30. Saydalikhujayeva, S. K., Kosimova, K. T., Mamadzhanov, N. A., & Ibragimova, S. R. (2020). The role of modern pedagogical technologies in improving the system of higher medical education in the republic of Uzbekistan. *New Day in Medicine*, 1(29), 85.
  31. ShR, K., Mirrakhimova, M. H., & Sadullaeva, H. A. (2022). Prevalence and risk factors of bronchial asthma in children. *Journal of Theoretical and Clinical Medicine*, 2, 51-56.
  32. Tadjieva, K. S. (2024). USING SITUATIONAL TASKS TO INCREASE THE EFFECTIVENESS OF TEACHING MEDICAL CHEMISTRY. *Web of Teachers: InderScience Research*, 2(1), 64-68.
  33. Tadjieva, K. S., Kosimova, K. T., & Niyazova, O. A. (2025). THE ROLE OF AIR POLLUTION IN THE DEVELOPMENT OF CARDIOVASCULAR DISEASES.
  34. Tolipova, A. F. (2025). ARRHYTHMIC SYNDROME IN CHILDREN AND ADOLESCENTS WITH MINOR CARDIAC ANOMALIES. *Web of Medicine: Journal of Medicine, Practice and Nursing*, 3(3), 440-447.
  35. Tursunov, D., Sabiorva, R., Kasimova, X., Azizova, N., & Najmuddinova, N. (2016). Status of oxidant and antioxidant systems in alloxan diabetes and ways its correction. In *Science and practice: a new level of integration in the modern world* (pp. 188-190).
  36. Zakirova, M. R. (2024). INTRANASAL IMMUNOTHERAPY OF ALLERGIC RHINITIS.
  37. Zakirova, M. R. (2024). SOLUBLE FORMS OF MEMBRANE PROTEINS OF IMMUNE SYSTEM CELLS IN BRONCHIAL ASTHMA IN CHILDREN.
  38. АБДУЛЛАЕВА, М., & ТАДЖИЕВА, Х. (2023). ИЗУЧЕНИЕ РАСТВОРИМОСТИ СИСТЕМ: КАЛИЕВАЯ СОЛЬ-ОДНОЗАМЕЩЕННЫЙ УКСУСНОКИСЛЫЙ МОНОЭТАНОЛАММОНИЙ-ВОДА. Международный центр научного партнерства «Новая Наука»(ИП Ивановская ИИ) КОНФЕРЕНЦИЯ: НАУЧНЫЙ ДЕБЮТ 2023 Петрозаводск, 03 декабря 2023 года



## *Modern American Journal of Medical and Health Sciences*

ISSN (E): 3067-803X

Volume 01, Issue 08, November, 2025

Website: [usajournals.org](http://usajournals.org)

*This work is Licensed under CC BY 4.0 a Creative Commons Attribution 4.0 International License.*

---

Организаторы: Международный центр научного партнерства «Новая Наука»(ИП Ивановская ИИ).

39. Акромов, Д. А., & Касимова, Х. Т. (2017). Результаты изучения токсикологических свойств фунгицида" Вербактин". *Молодой ученый*, (1-2), 2-3.
40. Ахмадалиева, С. У., & Машарипова, Р. Ю. ОСНОВЫ ЗДОРОВОГО ОБРАЗА ЖИЗНИ СТУДЕНТА МЕДИКА. ББК: 51.1 л0я43 С-56 А-95, 228.
41. Балтабаев, У. А., Джураев, А. Д., & Таджиева, Х. С. (2008). Реакции фенилизотиоцианата с  $\alpha$ -аминокислотами. *Жур. Химия и химическая технология*, 1, 39-42.
42. Денисова, У. Ж., & Машарипова, Р. Ю. (2022). ПОВЫШЕНИЕ ПОКАЗАТЕЛЕЙ ЭФФЕКТИВНОСТИ ОБМАННЫХ ДЕЙСТВИЙ В СОРЕВНОВАТЕЛЬНОЙ ДЕЯТЕЛЬНОСТИ СТУДЕНТОВ БАСКЕТБОЛИСТОВ 1-КУРСА НА ОСНОВЕ ПОДВИЖНЫХ ИГР. *Вестник науки*, 4(1 (46)), 18-24.
43. КАМИЛОВА, Д., САЙДАЛИХУЖАЕВА, Ш., МАХМУДОВА, М., РАХМАТУЛЛАЕВА, Д., & ТАДЖИЕВА, Х. (2022). ИНСОН САЛОМАТЛИГИ ВА ТИББИЙ КҮРИКНИНГ АҲАМИЯТИ. *Журнал "Медицина и инновации"*, (3), 143-162.
44. Каримов, В. В., & Машарипова, Р. Ю. (2021). Метод «Джит Кун До» в учебном процессе на занятиях по физической культуре для студентов-стоматологов. *Вестник науки*, 4(12 (45)), 32-36.
45. Кобилжонова ШР, Садуллаева ХА. IMPACTS OF THE ENVIRONMENT ON HUMAN HEALTH.
46. Кобилжонова, Ш. Р. (2024). CLINICAL AND MORPHOLOGICAL FEATURES OF GASTRODUODENITIS IN CHILDREN WITH SALINE DIATHESIS.
47. КОБИЛЖОНОВА, Ш., ТОШЕВА, Ш., & ЗОКИРЖОНОВА, Г. (2023). Modern approaches to diet therapy for food allergies in children.
48. Косимова, Х. Т., & Садирова, М. К. (2018). Нормативная база для проведения мониторинга по изучению влияния соединений азота на



## *Modern American Journal of Medical and Health Sciences*

ISSN (E): 3067-803X

Volume 01, Issue 08, November, 2025

Website: [usajournals.org](http://usajournals.org)

*This work is Licensed under CC BY 4.0 a Creative Commons Attribution 4.0 International License.*

здоровье населения. In *INTERNATIONAL SCIENTIFIC REVIEW OF THE PROBLEMS OF NATURAL SCIENCES AND MEDICINE* (pp. 30-32).

49. Косимова, Х. Т., Мамаджанов, Н. А., & Ибрагимова, Ш. Р. (2020). РОЛЬ СОВРЕМЕННЫХ ПЕДАГОГИЧЕСКИХ ТЕХНОЛОГИЙ В ДАЛЬНЕЙШЕМ СОВЕРШЕНСТВОВАНИИ СИСТЕМЫ ВЫСШЕГО МЕДИЦИНСКОГО ОБРАЗОВАНИЯ В РЕСПУБЛИКЕ УЗБЕКИСТАН. *Новый день в медицине*, (1), 88-90.
50. Машарипова РЮ, Рожкова АС. Использование нетрадиционных видов гимнастики для оптимизации занятий физической культурой в вузе. In Сборник научных трудов I-Международная научно-практическая онлайн-конференция «Актуальные вопросы медицинской науки в XXI веке». УДК 2019 (Vol. 6, pp. 613-615).
51. Машарипова, Р. Ю. (2020). Повышение специальной двигательной активности студентов-стоматологов. *Наука, образование и культура*, (8 (52)), 51-53.
52. Машарипова, Р. Ю. (2022). АНАЛИЗ ФИЗИЧЕСКОЙ ПОДГОТОВЛЕННОСТИ СПЕЦИАЛЬНЫХ АТЛЕТОВ-ГИМНАСТОВ. *Central Asian Research Journal for Interdisciplinary Studies (CARJIS)*, 2(5), 730-737.
53. Машарипова, Р. Ю., & Хасанова, Г. М. (2020). Повышение двигательной подготовленности студентов-стоматологов в процессе учебных занятий физической культурой. *Вестник науки*, 5(3 (24)), 101-104.
54. Машарипова, Р. Ю., Тангиров, А. Л., & Мирзарахимова, К. Р. (2022). Пути повышения эффективности решения социальных проблем детей с ограниченными возможностями в условиях первичного медико-санитарной помощи. *Scientific approach to the modern education system*, 1(10), 124-127.
55. Миррахимова, М. Х., Садуллаева, Х. А., & Кобилжонова, Ш. Р. (2022). Значение экологических факторов при бронхиальной астме у детей (Doctoral dissertation, Россия).
56. Пахрудинова, Н. Ю., Хасанова, Г. М., & Машарипова, Р. Ю. Хореография и здоровый образ жизни. ББК: 51.1 л0я43 С-56 А-95, 278.



## *Modern American Journal of Medical and Health Sciences*

ISSN (E): 3067-803X

Volume 01, Issue 08, November, 2025

Website: [usajournals.org](http://usajournals.org)

*This work is Licensed under CC BY 4.0 a Creative Commons Attribution 4.0 International License.*

- 
57. Саломова ФИ, Ахмадалиева НО, Кобилжонова ШР. Избыточный вес и ожирение у детей: ключевые факторы.
  58. Саломова ФИ, Кобилжонова ШР. Оценка эффективности диетотерапии при пищевой аллергии у детей в различные возрастные периоды. Вестник ТМА SPECIAL ISSUE Dedicated to The 10th International Symposium On Important Problems of the Environmental Protection and Human Health.
  59. Саломова, Ф. И., & Кобилжонова, Ш. Р. (2024). Факторы риска аллергических заболеваний у детей дошкольного возраста.
  60. Саломова, Ф. И., & Кобилжонова, Ш. Р. (2024, March). РАЗРАБОТКА СИСТЕМНЫХ АЛГОРИТМОВ СНИЖЕНИЯ АЛЛЕРГИЧЕСКИХ ЗАБОЛЕВАНИЙ. Международный форум «ANaMed Forum–New Generation 2025» Алматы: КазНМУ, 2025..
  61. Саломова, Ф. И., & Кобилжонова, Ш. Р. (2024, May). ФАКТОРЫ РИСКА РАЗВИТИЯ АЛЛЕРГИИ У ДЕТЕЙ. Международный форум «ANaMed Forum–New Generation 2025» Алматы: КазНМУ, 2025.-С. 1154-1155.
  62. Таджиева, Х. С. (2022). ИСПОЛЬЗОВАНИЕ МЕТОДА ПРОБЛЕМНЫХ СИТУАЦИЙ НА ЗАНЯТИЯХ МЕДИЦИНСКОЙ ХИМИИ. In *Kimyo va tibbiyot: nazariyadan amaliyotgacha* (pp. 205-208).
  63. Таджиева, Х. С. (2023). МОДЕЛИРОВАНИЕ ПРОБЛЕМНОГО ОБУЧЕНИЯ В МЕДИЦИНСКОМ ВУЗЕ. *West Kazakhstan Medical Journal*, (3 (65)), 170-175.
  64. Таджиева, Х., & Юсупходжаева, Х. (2023). Особенности преподавания медицинской химии в современных условиях на лечебном и педиатрическом факультетах медицинских вузов. *Современные аспекты развития фундаментальных наук и вопросы их преподавания*, 1(1), 119-124.
  65. Шеркузиева, Г. Ф., & Касимова, Х. Т. (2017). Токсичность биологически активной добавки "Laktonorm-Н (К Kaliy)" в условиях хронического эксперимента. *Молодой ученый*, (1-2), 10-12.