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TASHKENT MEDICAL ACADEMY

**"I APPROVE" Vice-Rector for Scientific Affairs and Innovation, tfd**

**FL Azizova**

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**"\_\_\_\_\_"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_2023**

**1 FACULTY AND HOSPITAL THERAPY, DEPARTMENT OF OCCUPATIONAL PATHOLOGY**

**ON SCIENTIFIC ACTIVITY FOR 2023**

**REPORT**

**head of the department,**

**Doctor of medical sciences, professor DA Nabiyeva.**

Report TMA problematic internal diseases,

neurology, psychiatry, etc

by the life of the troubled commission

reviewed and approved.

(Report No. 4 of November 20, 2023)

Chairman of the Issues Committee,

Doctor of medical sciences, professor

**Khamrayev AA**

**2023.**

**LIST OF EXECUTIVES:**

Head of scientific research, head of the department, tfd, professor: Nabiyeva. Yes

Responsible for scientific research, tfd, associate professor: Khidoyatova MR

**No. 1 faculty and hospital therapy, professional pathology department**

**About scientific activities for 2023**

**"**Improvement of modern clinical diagnostic methods in the treatment and diagnosis of rheumatological diseases. Development of innovative preventive and rehabilitation measures in order to prevent early disability and improve the quality of life. in an extended subject

**INFORMATION**

**1. Scientific problem:**

"Improvement of modern clinical diagnostic methods in the treatment and diagnosis of rheumatological diseases. Development of innovative preventive and rehabilitation measures in order to prevent early disability and improve the quality of life."

Dav. registration number 01.2300283

1. Topic: "Clinical and genetic characteristics of gout in women" - author: doctoral student Toshpulatova MM
2. Topic: "Clinical, biochemical, molecular-genetic characteristics of changes in the hemostasis system in patients with gout" - author: PhD student Akramova NT
3. Topic: "Psychophenotypic and genetic sensitivity of patients with rheumatoid arthritis to therapy" - author: Assoc. Bekenova GT
4. Topic: "Influence of COVID-19 infection on course and clinical immunological characteristics of systemic lupus erythematosus" - author: ass. Askarov NL
5. Topic: "Influence of inflammatory markers on the development of cardiovascular pathology in systemic lupus erythematosus" - author: teacher Ziyayeva FK
6. Topic: "Clinical-prognostic significance of gene polymorphism and sensitivity to hypouremic therapy in patients with gout" - author: associate professor Djurayeva ER
7. Topic: "Clinical-immunological and molecular-genetic aspects of the development of systemic lupus erythematosus in the Uzbek population" - author: associate professor Sultanova MX
8. Topic: "Kidney dysfunction in rheumatoid arthritis, improvement of its early diagnosis and organization of treatment" - author: docent Matchanov SX
9. Topic: "Axial spondyloarthritis: aspects of bone remodeling and target therapy" - author: Associate Professor Muhammadiyeva SM
10. Topic: "Prognostic significance of clinical-pathogenic and genetic factors in the development of osteoarthritis" - author; associate professor Abduazizova NH
11. Topic: "Clinical-diagnostic aspects of early atherosclerosis in patients with systemic scleroderma" - author: assistant. Ganieva. NO
12. Topic: "Clinical significance of serum (plasma) cytokines in various variants of systemic scleroderma" - author: ass. Aripova NA
13. Topic: "Peculiarities of clinical-pathogenic development of osteoarthritis in women of climacteric age and effectiveness of complex treatment" - author: ass. Dr. Sagatova
14. Topic: "Specific course of ischemic heart disease and arterial hypertension in mining industry workers" - author: ass. Abdiyeva Yu.A.

**The name of the subject-task of the department:**

"Improvement of modern clinical diagnostic methods in the treatment and diagnosis of rheumatological diseases. Development of innovative preventive and rehabilitation measures in order to prevent early disability and improve the quality of life"

**2. The purpose of this year's research:**The purpose of the study: Improvement of modern clinical diagnostic methods in the treatment and diagnosis of rheumatological diseases. Development and implementation of innovative preventive and rehabilitation measures in order to prevent early disability and improve the quality of life.

**3. Scientific innovation:**Clinical and genetic characteristics of gout in women, modern approach to diagnosis and rational treatment methods. Peculiarities of clinical diagnosis in the course of osteoarthritis in women of climacteric age were studied. Aspects of bone remodeling and target therapy in axial spondyloarthritis were studied.

**4. Brief description of the obtained results.**During this year, methods of early diagnosis and rational treatment of bone remodeling in axial spondyloarthritis were developed; Research was conducted on the development of a treatment algorithm for osteoarthritis in women of climacteric age. A manual on the diagnosis and treatment of osteoarthritis and axial spondyloarthritis in women of climacteric age was developed.

The implementation of the subject of the department was integrated with the clinical and biochemical departments of the central laboratory of the multidisciplinary clinic of TTA, MITL and the Institute of Immunology of UzResFA.

Relevance of the topic:

Systemic autoimmune rheumatic diseases (SARs) are heterogeneous immune inflammatory disorders that include rheumatoid arthritis, systemic lupus erythematosus, systemic scleroderma, Sjögren's syndrome, idiopathic inflammatory myopathy, antiphospholipid syndrome, and cytoplasmic antineutrophil antibodies. vasculitis associated with The relevance of the problem of ARK for modern medicine is determined by the high prevalence among the population, difficulties in early diagnosis, rapid disability of patients and negative life prognosis.The theoretical basis for combining these diseases into one class is not only the similarity of clinical signs reflecting systemic inflammation of internal organs, but also the presence of common immunogenetic factors and pathogenetic mechanisms associated with disorders in the immune system. At the same time, it is very difficult to make an early diagnosis of ARK using only clinical and instrumental research methods. The study of molecular and cellular biomarkers significantly improves the early diagnosis of ARK, the assessment of the activity of the pathological process, the prognosis of the disease, as well as the effectiveness of treatment.

Recently, information about the autoimmune consequences of the coronavirus disease began to appear in the scientific literature. It is the only respiratory system virus that causes serious damage to various organs and systems of the body in addition to pneumonia.The coronavirus can cause several autoimmune diseases at the same time. In particular, systemic lupus erythematosus, vasculitis, autoimmune thrombocytopenia, multiple sclerosis and Guillain-Barré syndrome.With COVID-19, the immune system is suppressed, which can cause the development of autoimmune processes. However, science still does not know the exact genetic mechanism of the occurrence of such pathologies. Therefore, further research is needed in this area.

For this reason, finding innovative solutions in the search for modern methods of diagnosis and treatment of ARK is one of the actual problems of rheumatology.

Report for 2023

Scientific work of the department was carried out in 4 directions:

Immunological examinations of patients.

Features of the flow in Uzbekistan.

Choice of treatment efficacy.

Issues of rehabilitation.

Scientific works on occupational pathology were conducted on the following topics:

"Development of early diagnosis and treatment-prophylactic rehabilitation measures of pneumoconiosis among workers in the mining industry of the Republic of Uzbekistan". During the reporting period, the issues of evaluating the specific features of the formation of X-ray changes in the lungs in pneumoconioses were studied, and the possibility of using lung tomography for the purpose of early diagnosis of the disease was determined.

A complex of clinical, laboratory, radiological and mathematical-statistical research methods was used to solve the specified tasks. 106 patients who worked in the main productions of the Almaliq mining and metallurgical combine were the objects of research. By profession, they are those who work under the influence of silicon dust, locomotive drivers, and those who work with explosives. In terms of age, young people aged 30-50 years predominated, the average age was 39.6 ± 1.2 years. During practice, mostly workers with up to 10 years of experience, and the average work experience in underground conditions was 10.9 ± 0.8 years. : silicosis 1 degree, signs of interstitial fibrosis in 54 patients, stage II (nodular form) - 45 patients, stage III (nodular form) - 7 patients.

Lung CT scan was performed in patients with nodular and nodular disease. Small nodules and focal elements of the lung were seen especially in the middle images of the CT, and the identified focal elements, fragmentation cavity, large bronchi, trachea condition, conglomerates and other pathological shadows were studied in detail. Lateral tomograms revealed the structure and localization of pathological formations. i.e. computed tomography allowed to determine the degree of progression of nodular fibrosis and similar changes in patients.

Results: various variants of pneumoconiosis were studied, and modern methods of diagnosis, treatment and prevention of this disease were put into practice.

Summary:

This year at the department "Improvement of modern clinical diagnostic methods in the treatment and diagnosis of rheumatological diseases. Development of innovative preventive and rehabilitation measures in order to prevent early disability and improve the quality of life" scientific research works were carried out by employees within the theme.

1 dedicated to the following topics by the staff of the departmentan international scientific-practical conference, 3 scientific seminars and 2 webinars were organized:

1. "Bioregulatory treatment of diseases of the musculoskeletal system. "Biopuncture method and possibilities of bioregulatory treatment during rehabilitation" international scientific and practical conference April 27, 2023.
2. International scientific and practical conference on "Modern aspects of early diagnosis and pathogenetic treatment of rheumatic diseases" - June 7-8, 2023.
3. November 10, 2023 "Comparative diagnosis of Boʽgim syndrome"international scientific-practical conference on
4. International Olympiad "Problems of Internal Medicine" held on June 5, 2023.
5. German Society for International Cooperation "May 26, 2023 "Innovative approach to diagnosis and treatment in medicine: from the perspective of young scientists" International student scientific-practical conference

**EHM programs were created:**

1. "Method for determining the activity of systemic scleroderma" (DGU 22018. 05.01.2023)
2. "Calculating the risk of death taking into account five factors of the adverse outcome of ANCA-associated vasculitis" (DGU 22401. 08.02.2023).
3. "Method of treatment of damage to the cardiovascular system in systemic scleroderma" (DGU 22017. 06.01.2023)
4. "Early diagnosis of bone resorption in axial spondyloarthritis"(DGU 21831. 18.01.2023)
5. " Principles of treatment of axial sponsyloarthritis"(DGU 23454. 10.03.2023)
6. "Diagnostic indicators of early ankylosing spondyloarthritis" (DGU 22072. 22.01.2023)
7. "Test for detection of spondyloarthritis in complaints of "back pain" for primary care physicians" (DGU 24277. 24.04.2023)
8. "Early diagnosis of changes in intestinal biocinosis in gout" (DGU 21916. 18.01.2023)
9. "A software platform on the specific course of ischemic heart disease and arterial hypertension in mining workers"(DGU 22794. 11.02.2023)
10. "Method of diagnosis of chlamydial infection in rheumatoid arthritis"(DGU 28028. 13.10.2023)
11. "Method of treatment of rheumatoid arthritis accompanied by chlamydia infection"(DGU 28029. 13.10.2023)
12. "Predicting the development of cardiovascular complications in COVID-19 infection"(DGU 28852. 13.10.2023)
13. "Early diagnosis of left ventricular remodeling in patients with rheumatoid arthritis" (BGU 1152. 04.11.2023)
14. "Comparative diagnosis of joint diseases"(DGU 25563 19.05.2023)

"Optimization of the program for early detection, forecasting and prevention of silicosis in mining industry workers of the Republic of Uzbekistan"(DGU 26592 22.06.2023)

**Training of scientific and pedagogical personnel:**

1. Doctoral students:Toshpulatova MM, Akramova NT

1. Applicants:Bekenova GT (DSc), Ganiyeva NA, Aripova NA, Sagatova DR, Abdiyeva Yu.N., Ibragimova N., Askarov NL, Khamrayeva GI, Muhammadkhodjaeva XB

**Published in 2023:**

50 journal articles in Uzbekistan, 29 abroad (including 8 in Scopus);

Theses - 39 in Uzbekistan, 21 abroad

Google citation index by the department was -228, Hirsh Index -28.

**Published by:**

10 educational and methodological manuals, 6 methodological recommendations, 3 monographs.

Tfd - 4 (average age 55.5 years)

Tfn - 11 (average age 56.7 years)

Without a degree - 9 (37.5%) - the average age is 46.8 years

General scientific potential - 62.5%.

No. 1 faculty and hospital therapy,

department of occupational pathologyhead, tfd, professor: Nabiyeva. Yes

**Theses defended in 2023**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | FIO (full) | Position | Year of birth | Name of the subject, subject code, FIO of the scientific supervisor | Date and place of protection, special no. Commission | Scientific work start and end time | Results obtained and financial effect |
| 1 | Pulatova Shakhnoza Bakhtiyarovna | assistant | 1976 | "Clinical-pathogenetic significance of mineral metabolism disorders in ankylosing spondyloarthritis and ways of its correction", 14.00.05, Professor Nabiyeva DA | DSc.04/30.12.2019.Tib.30.02 TMA 12.01.2023 | 2020-2023 | 1 methodological recommendation, 2 DGU |

**Employees who approved the topic of the dissertation in 2023**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Surname, first name, surname | Position | Subject Name | Aspirant, researcher, doctoral student (PhD, DSc) | The name of the scientific supervisor | Specialtycode | Confirmed date | At what stage? | Protection date |
| Shiranova Sh.A. | Assistant | "Clinical-diagnostic significance of intestinal microbiota in asymptomatic hyperuricemia and gout" | (PhD candidate) | Tfd Nabiyava DA | 14.00.05 | 22 05 2023. | The topic of the scientific work is approved. | 2026 |

**International scientific cooperation. Internship in foreign scientific centersno staff**

**department staff**yhati: professors, docents, assistants

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | FISH | position. | Year of birth. | Academic degree | Time and place of protection | Subject name, specialty code | Current direction | What foreign languages ​​does he know | Citation rate, Hirsch index |
| 1. | Nabiyeva DA | Professor, head of the department | 1974 | tfd | Nom.dis 2004, Tashkent  Doc.dis 2018 | "Course and features of treatment of ankylosing spondyloarthritis in patients with different mine serum systems" 14.00.05  "Development of new technologies for diagnosis and treatment of gout, taking into account the pathogenetic role of liver function disorders"  14.00.05 | Rheumatology | English language | 163/7 |
| 2. | Rizamuhammedova MZ | prof. | 1954 | tfd | Doc. dis. 1996. St. Petersburg | "Exogenous fibrosing pneumoalveolitis"  14.00.43. | Pulmonology. | English language | 94/5 |
| 3 | Matchanov SX | Dot. | 1961 | Tel | Nom. dis. 1999 Tashkent | "Use of laser therapy and Dolgit cream in the treatment of rheumatoid arthritis." 14.00.05. | Rheumatology | English language | 18/2 |
| 4 | Dzhurayeva. ER | Dot. | 1966 | Tel | Nom. dis. 1999 Tashkent | "Peculiarities of diagnosis and treatment of rheumatoid arthritis that begins in old age"  14.00.05 | Rheumatology | English language | 29/4 |
| 5 | Sultanova MX | Dot | 1967 | Tel | Nom. dis.  2007  Tashkent | "The role of haptoglobulin in the development of antiphospholipid syndrome and systemic lupus erythematosus"  14.00.05 | Rheumatology | English language | 3/1 |
| 6 | Abduazizova NH | Dot | 1973 | Tel | Nom. dis.  2012  Tashkent | «Clinical and functional state of the respiratory system in rheumatoid arthritis and the effect of the main treatment on it»  14.00.05 | Rheumatology | English language | 27/3 |
| 7 | Muhammadiyeva SM | Dot. | 1980 | Tel | Nom. dis.  2011 | "Effect of methotrexate on cardiovascular system in juvenile rheumatoid arthritis patients".  14.00.05. | Therapy | English language | 39/4 |
| 8 | Ziyayeva FC | Kata is a teacher | 1961 | - | - | - | Rheumatology | English language | 49/4 |
| 9 | Dr. Sagatova | Asst | 1973 | - | - | - | Rheumatology | English language | 10/2 |
| 10 | Berdiyeva DU | Asst. | 1979 | PhD | PhD 2022 | "PClinical-diagnostic indicators of granulomatosis with oliangitis and effectiveness of target therapy", 14.00.05 | therapy | English language | 16/2 |
| 11 | Bekenova is the daughter of Gulchehra Tulegen | dot. | 1981 | PhD | PhD  2018 | «The composition of drugs used in the treatment of rheumatoid arthritis and their clinical and pharmacological examination at outpatient and inpatient stages »14.00.05 | Rheumatology | English with a dictionary | 1/1 |
| 12 | Pulatova Shahnoza Bakhtyorovna | Asst. | 1976 | - | - | - | Rheumatology | Russian, English using a dictionary | 14/2 |
| 13 | Aripova Nozima Abrorovna | Asst. | 1989 | - | - | - | Therapy | Russian, English using a dictionary | 15/2 |
| 14 | Ganiyeva Nafisa Abrorovna | Asst. | 1984 |  |  |  | Therapy | Russian, English using a dictionary | 12/2 |
| 15 | Khidoyatova MR | Docent | 1984 | tfd | Nom.dis 2018, Tashkent  Doc.dis 2022 | "Clinical instrumental and biochemical criteria of early diagnosis of myocardial damage in metabolic syndrome" 14.00.25  "Development of cardio-respiratory monitoring and rehabilitation measures in patients with comorbid conditions infected with COVID-19"  14.00.05, 14.00.25 | Therapies, clinical laboratory and functional diagnostics | English language | 55/3 |
| 16 | Sheranova Shakhnoza Abdinazarovna | Asst | 1987 | - | - | - | - | English language | -/- |
| 17 | Akramova Nigora Turdikulovna | Asst | 1992 | - | - | - | - | English language | -/- |
| 18 | Agzamova GS | Dot. | 1958 | tfd | name dis.  1988  doc. dis.  2018 | "Labor hygiene in the production of copper and spirit phosphide".  14.00.07  "Clinical-pathogenetic and therapeutic aspects of chronic liver damage caused by chemicals" 14.00.05 | Occupational pathology | English language  Russian language | 60/4 |
| 19 | Midasov MM | Dot. | 1952 | tel | 1991 | "Examination of hygiene, clinical, diagnostic and work capacity in patients with vibration disease".  14.00.07. 14.00.05. | Occupational pathology. | Russian language  German, English using a dictionary | -/- |
| 20 | Tashmuhamedova MK | Head teacher | 1960 | - | - | - | Occupational pathology |  | -/- |
| 21 | Kenjabayeva D. K. | Asst. | 1942 | tel | 1990 | "Specific features of the treatment, diagnosis and clinic of dust bronchitis in workers in the cotton cleaning industry".  14.00.05. | Occupational pathology | Russian language  German language | -/- |
| 22 | Bragimova NU | Asst. | 1983 | - | - | - | Occupational pathology | Russian language.  English language | -/- |
| 23 | Abdiyeva Y.A. | Asst. | 1964 | - | - | - | Occupational pathology | Russian language.  Tajik language  English language | 2/1 |
|  | **Placemates** | | | | | | | | |
| 24 | Mirkhamidov Mirziyod Vasildjanovich | Asst |  | PhD | 2021 | "Role of pro-inflammatory cytokine gene polymorphisms in rheumatoid arthritis development and personalized treatment | Therapy | English language | -/- |

**Overall Hirsch Index 49**

**Application of research results in practice**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name | Form of implementation (discovery, monogr., methodical recommendation,) | The author | Place of entry | Financial output | Implementation results and financial performance | Scope of implementation |
| Nonspecific ulcerative colitis | Educational - methodical guide (Uzb)  Tashkent, 2023. | Berdieva Dilfuza Umurzakovna, Rizamukhamedova Mashkura Zakirovna, Ziyaeva Feruza Kamaliddinovna | ITI in training | At his own expense | Improving the educational process | within the Republic |
| Heart defects | Educational - methodical guide (Uzb)  Tashkent, 2023. | Ganieva Nafisa Abrarovna, Djuraeva Elnora Rustamovna, Aripova Nozima Abrarovna | ITI in training | At his own expense | Improving the educational process | within the Republic |
| A method of early diagnosis of atherosclerosis in systemic scleroderma | Methodological recommendation (Uzb)  Tashkent, 2023. | Ganieva Nafisa Abrarovna, Rizamukhamedova Mashkura Zakirovna, Djuraeva Elnora Rustamovna | ITI in training | At his own expense | Improving the educational process | within the Republic |
| Aortic heart defects | Educational - methodical guide (Uzb)  Tashkent, 2023. | Djuraeva Elnora Rustamovna, Ganieva Nafisa Abrarovna, Aripova Nozima Abrarovna | ITI in training | At his own expense | Improving the educational process | within the Republic |
| A method of early diagnosis of systemic scleroderma | Methodological recommendation (Uzb)  Tashkent, 2023. | Djuraeva Elnora Rustamovna, Aripova Nozima Abrarovna | ITI in training | At his own expense | Improving the educational process | within the Republic |
| Systemic connective tissue disease. Systemic lupus erythematosus | Educational - methodical guide (Uzb)  Tashkent, 2023. | Mukhammadieva Sevara Murodullaevna | ITI in training | At his own expense | Improving the educational process | within the Republic |
| Seronegative arthritis. ankylosing spondyloarthritis | Educational - methodical guide (Uzb)  Tashkent, 2023. | Nabieva Dildora Abdumalikovna, Pulatova Shakhnoza Bakhtiyarovna, Sagatova Dilnoza Rakhimovna | ITI in training | At his own expense | Improving the educational process | within the Republic |
| Gout | Educational - methodical guide (Uzb)  Tashkent, 2023. | Nabieva Dildora Abdumalikovna, Shiranova Shakhnoza Abdinazarovna, Mukhammadieva Sevara Murodullaevna | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment | within the Republic |
| Chronic enteritis chronic colitis | Educational - methodical guide (Uzb)  Tashkent, 2023. | Sagatova Dilnoza Rakhimovna, Nabieva Dildora Abdumalikovna, Abduazizova Nargiza Khakimdjanovna, Pulatova Shakhnoza Bakhtiyarovna | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment | within the Republic |
| Aortic heart defects | Educational - methodical guide (Uzb)  Tashkent, 2023. | Matchanov Seytbay Khudoybergenovich | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment |  |
| Rheumatoid arthritis | Educational - methodical guide (Uzb)  Tashkent, 2023. | Matchanov Seytbay Khudoybergenovich | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment | within the Republic |
| Acute rheumatic fever | Educational - methodical guide (Uzb)  Tashkent, 2023. | Matchanov Seytbay Khudoybergenovich | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment | within the Republic |
| Obstructive lung diseases | Study guide (Uzb)  Tashkent, 2023. | Sultanova Makhsuma Khudoybergenovna | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment | within the Republic |
| Puti vedeniya i ranney reabilitatsii serdechno-sosudistyx zabolevaniy u bolnyx COVID-19 | Monograph (Russian) Tashkent, 2023. | Khidoyatova Mukhlisa Rakhmatillayevna | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment | within the Republic |
| Bone in axial spondyloarthritisearly remodulationmethod of diagnosis | Methodological recommendation (Uzb)  Tashkent, 17 p. 2023. | Mukhammadieva Sevara Murodullaevna, Nabieva Dildora Abdumalikovna | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment | within the Republic |
| Axial spondyloarthritisthemethod of using target therapy in treatment | Methodological recommendation (Uzb)  Tashkent, 2023, 20 pages | Mukhammadieva Sevara Murodullaevna, Nabieva Dildora Abdumalikovna | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment | within the Republic |
| Glomerulonephritis | Educational - methodical guide (Uzb)  Tashkent, 2023. | Bekenova Gulchekhra Tulegenovna, Ganieva Nafisa Abrarovna, Aripova Nozima Abrarovna | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment | within the Republic |
| Features of mineral metabolism disorders in ankylosing spondyloarthritis | Monograph (Uzb) Tashkent, 2023. | Pulatova Shakhnoza Bakhtiyarovna | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment | within the Republic |
| Method of early diagnosis of complications of mineral metabolism in ankylosing spondyloarthritis | Methodological recommendation (Uzb)  Tashkent, 2023, 20 pages | Pulatova Shakhnoza Bakhtiyarovna, Nabieva Dildora Abdumalikovna | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment | within the Republic |
| Diseases of the cardiovascular system study guide | Study guide (Uzb)  Tashkent, 2023. | Abduazizova Nargiza Khakimdjanovna | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment | within the Republic |
| Acute rheumatic fever Heart defects in adults (congenital and acquired heart defects) | Study guide (Uzb)  Tashkent, 2023. | Dzhurayeva Elnora Rustamovna | ITI in Applied Health Care | At his own expense | Improving the efficiency of diagnostics and treatment | within the Republic |

**List of scientific works of department staff**

**List of articles published in local journals**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Title of the article | | Where is it published? | Authors |
| 1. | Changes in the cytokine profile in patients with silicosis in combination with coronary heart disease and arterial hypertension | | Uzbek medical journal | Abdieva Yulduz Atakulovna, Agzamova Gulnora Sunnatovna |
| 2. | Study of central hemodynamics in patients with silicosis and their correlation analysis with markers of systemic inflammation | | Uzbek medical journal | Abdieva Yulduz Atakulovna, Agzamova Gulnora Sunnatovna |
| 3. | Systemic scleroderma | | Journal of innovations in scientific and educational research | Bekenova Gulchekhra Tulagenovna, Matchanov Seytbai Khudoybergenovich |
| 4. | The role of coronavirus infection (COVID-19) in the development of systemic vasculitis | | Journal of integrated education and research | Djuraeva Elnora Rustamovna |
| 5. | Prevention of Silicosis U Rabotnikov Gornorudnogo Proizvodstva | | Central asian journal of medical and natural sciences | Ibragimova Naila Umarovna, Agzamova Gulnora Sunnatovna, Tashmukhamedova Makhsuma Kuchkarovna, Sultanova Makhsuma Khudaiberganovna |
| 6. | Hygienicheskoe obsnovanie tselenapravlennogo synthesa novykh khimicheskikh soedineniy s uchyotom ix toksichnosti i odnosti | | Bulletin of the Tashkent Medical Academy | Midasov Maksud |
| 7. | Problems with reduced bone density in systemic scleroderma | | Central Asian Journal of Medicine | Mukhammadieva Sevara Murodullaevna |
| 8. | Efficacy assessment of necrosis factor inhibitor in ankylosing spondyloarthritis | | Journal of Biomedicine and Practice | Mukhammadieva Sevara Murodullaevna Nabieva Dildorakhan Abdumalikovna Ziyaeva Feruza Kamallidinovna Mirkhamidov Mirziyod Vasiljonovich Shiranova Shakhnoza Abdinazarovna |
| 9. | Interleukin - 23, perspective application (obzor literature) | | International scientific journal**"Modern science and research"** | Nabieva Dildora Abdumalikovna |
| 10. | Interleukin-23, application prospects (literature review) | | Eurasian journal of medical and natural sciences | Nabieva Dildora Abdumalikovna |
| 11. | Study of kidney status in patients with systemic lupus erythematosus | | Scientific Journal of Applied and Medical Sciences | Sultanova Maksuma Khudaiberganovna, Mirkhamidov Mirziyod Vasiljonovich |
| 12. | Indicators of long-term monitoring of cardiac rhythm in patients with koronavirus infection | | Eurasian journal of medical and natural sciences | Khidoyatova Mukhlisa Rakhmatillaevna, Sultanova Maksuma Khudaiberganovna, |
| 13. | Sovremennye predstavleniya ob etiologiigiperurikemii kak pathogeneticheskogo factora razvitiyapodagry | | Research world scientific-methodical magazine | Shiranova Shakhnoza Abdinazarovna, Nabieva Dildora Abdumalikovna, Mukhammadieva Sevara Murodullaevna |
| 14. | Evaluation of target proteomic markers in painful gout and asymptomatic hyperuricemia | | Science and education scientific journal | Shiranova Shakhnoza Abdinazarovna |
| 15. | Effektivnost primeneniya otechestvennogo preparation - Etodin SR in osteoarthrosis | | "Uzbekistan therapy newsletter". | Matchanov Seytbay Khudoybergenovich |
| 16. | Comparative characteristics of laboratory markers in patients with silicosis with low and preserved LVEF | | Uzbek medical journal | Abdieva Yulduz Atakulovna, Agzamova Gulnora Sunnatovna |
| 17. | Conducting pulse therapy in patients with systemic scleroderma and related diseases | | Bulletin of the Tashkent Medical Academy | Bekenova Gulchekhra Tulagenovna, Ganieva Nafisa Abrarovna, Ziyaeva Feruza Kamaliddinovna |
| 18. | Evaluation of risk factors for the development of early atherosclerosis in systemic scleroderma | | Bulletin of the Tashkent Medical Academy | Ganieva Nafisa Abrarovna, Rizamuhamedova Mashkhura Zokirovna, Aripova Nozima Abrarovna, Bekenova Gulchekhra Tulagenovna |
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| 20. | Evaluation of renal fibrosis markers in rheumatoid arthritis | | A new day in medicine | Pulatova Shakhnoza Bakhtiyarovna, Agzamova Gulnora Sunnatovna |
| 21. | Immuno-pathogenetic changes if the respiratory system is damaged in patients with rheumatoid arthritis | | Journal of Biomedical Practice | Abduazizova Nargiza Khakimjanovna Mukhammadieva Sevara Murodullaevna |
| 22. | Efficacy of chondroprotectors and patients' quality of life in osteoarthritis | | Bulletin of the Tashkent Medical Academy | Abduazizova Nargiza Khakimdjanovna, Nabiyeva Dildora Abdumalikovna, Rizamukhamedova Mashkura Zakirovna., Matchanov Seitbay Khudoybergenovich, Ziyayeva Feruza Kamaliddinovna. |
| 23. | Significance of fibrosis markers in kidney damage in patients with rheumatoid arthritis | | Bulletin of the Tashkent Medical Academy | Agzamova Gulnora Sunnatovna, Pulatova Shakhnoza Bakhtiyarovna |
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| 25. | Development of atherosclerosis of the sonnyx artery and bolnyx rheumatoidnym arthritom na fonepathogeneticheskoy therapy | | Bulletin of the Tashkent Medical Academy | Djuraeva Elnora Rustamovna, Matchanov Seytbay Khudoybergenovich |
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| 28. | Role of vitamin d metabolism in bone loss in systemic scleroderma | | Bulletin of the Tashkent Medical Academy | Muhammadiyeva Sevara Murodullaevna |
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| 37 | Efficacy of infliximab in the treatment of pyoderma gangrenosum in ulcerative colitis | | Bulletin of the Tashkent Medical Academy | Rizamukhamedova M.Z., Berdieva D.U., Djuraeva E.R. |
| 38 | Evaluation of the effectiveness of bioregulatory drugs in the treatment of women with osteoarthritis in the climacteric period | | Bulletin of the Tashkent Medical Academy | Sagatova D.R. |
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| 47 | Primenenie nonsteroidnogo protivovospalitelnogo preparata etori-coxib v rheumatologicheskoy praktike | | Vestnik TMA | Matchanov Seyitbay Khudoybergenovich |
| 48 | Electrocardiographic assessment of cardiac and vascular damage in patients with systemic scleroderma | | Innovations in technology and science education. | Djuraeva Elnora Rustamovna, Bekenova GT Matchanov SX |
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| 50 | Evaluation of the effectiveness of bioregulatory drugs in the treatment of osteoarthritic patients in the climacteric period with endothelial dysfunction | | Uzbekistan therapy newsletter | Sagatova Dilnoza Rakhimovna, Nabieva Dildora Abdumalikovna, Pulatova Shakhnoza Bakhtiyarovna |
| **List of abstracts published in local journals** | | | | |
| 1 | Vasorenal hypertension syndrome in nonspecific aortoarteritis | | "New Uzbekistan: Innovation, Science and Education" | Khidoyatova Mukhlisa Rakhmatillaevna, Nabieva Dildora Abdumalikovna |
| 2 | Osobennosti immunologicheskikh pokasetley systemnoy sclerodermii pri lichchnykh variantakh techenia | | "Innovative technologies in the diagnosis and treatment of internal diseases" (dedicated to the 90th anniversary of Academician K. Yu. Yuldashev) International conference of therapists | Aripova Nozima Abrarovna, Djuraeva Elnora Rustamovna, Ganieva Nafisa Abrarovna |
| 3 | Investigation of interleukin-6 in systemic scleroderma | | "Innovative technologies in the diagnosis and treatment of internal diseases" (dedicated to the 90th anniversary of Academician K. Yu. Yuldashev) International conference of therapists | Ganieva Nafisa Abrarovna, Rizamukhamedova Mashkura Zakirovna, Djuraeva Elnora Rustamovna, Aripova Nozima Abrarovna |
| 4 | Osobennosti porageniya nervnoy sistemy pri ankyloziruyushchem sponloartrite | | "Innovative technologies in the diagnosis and treatment of internal diseases" (dedicated to the 90th anniversary of Academician K. Yu. Yuldashev) International conference of therapists | Ziyaeva Feruza Kamaliddinovna, Djuraeva Elnora Rustamovna, Ganieva Nafisa Abrarovna, Bekenova Gulchekhra Tulegenovna, Aripova Nozima Abrarovna |
| 5 | Effect of hyperuricemia on psoriatic arthritis | | International conference of young scientists on major problems of modern medicine | Djuraeva Elnora Rustamovna, Ganieva Nafisa Abrarovna, Aripova Nozima Abrarovna, Ziyaeva Feruza Kamaliddinovna, |
| 6 | Vzaimosvyaz razlichnykh variantov techenia systemnoysklerodermii s urovnem provospalitelnykh cytokinov | | International conference of young scientists on major problems of modern medicine | Aripova Nozima Abrarovna, Djuraeva Elnora Rustamovna, Ganieva Nafisa Abrarovna, Ziyaeva Feruza Kamaliddinovna, Berdieva Dilfuza Umurzakovna |
| 7 | The score shows interleukin-6 in patients with systemic scleroderma | | International conference of young scientists on major problems of modern medicine | Ganieva Nafisa Abrarovna, Djuraeva Elnora Rustamovna, Aripova Nozima Abrarovna, Ziyaeva Feruza Kamaliddinovna |
| 8 | Izmenenia hemostasis in patients with rheumatoid arthritis and sochetanii with ischemic disease | | International scientific and practical conference, Tashkent «Clinical pharmacology: problems of modern pharmacotherapy» | Aripova Nozima Abrarovna, Djuraeva Elnora Rustamovna, Ganieva Nafisa Abrarovna, Bekenova Gulchekhra Tulegenovna |
| 9 | Systemic lupus erythematosus and opportunistic infections during pregnancy | | International conference of young scientists on major problems of modern medicine | Abduazizova Nargiza Khakimdjanovna |
| 10 | Early knee osteoarthritis and comorbid conditions | | International conference of young scientists on major problems of modern medicine | Nabieva Dildora Abdumalikovna, Matchanov Seytbay Khudoybergenovich |
| 11 | Cardiovascular disorder and ankylosing spondylitis with echocardiography | | "Innovative technologies in the diagnosis and treatment of internal diseases" (dedicated to the 90th anniversary of Academician K. Yu. Yuldashev) International conference of therapists | Pulatova Shakhnoza Bakhtiyarovna, Nabieva Dildora Abdumalikovna |
| 12 | Ankylosing spondylitis is common in porogenia serdtsa | | International conference of young scientists on major problems of modern medicine | Pulatova Shakhnoza Bakhtiyarovna, Nabieva Dildora Abdumalikovna |
| 13 | Assessment of bone mineral density changes in early axial spondyloarthritis | | "Innovative technologies in the diagnosis and treatment of internal diseases" (dedicated to the 90th anniversary of Academician K. Yu. Yuldashev) International conference of therapists | Muhammadiyeva Sevara Murodullaevna, Akramova Nigora Turdikulovna |
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| 15 | Izuchenie vstrechaemosti osteoporosis u bolnyx rheumatoidnym arthritom | | "Innovative technologies in the diagnosis and treatment of internal diseases" (dedicated to the 90th anniversary of Academician K. Yu. Yuldashev) International conference of therapists | Mukhammadieva Sevara Murodullaevna., Matchonov Seytbai Khudoybergenovich., Shiranova Shakhnoza Abdinazarovna. |
| 16 | Characteristics of the intestinal microbiocenosis in patients with gout and the effect of prebiotic therapy on the clinical course of the disease | | "Innovative technologies in the diagnosis and treatment of internal diseases" (dedicated to the 90th anniversary of Academician K. Yu. Yuldashev) International conference of therapists | Shiranova Shakhnoza Abdinazarovna., Nabieva Dildora Abdumalikovna., Mukhammadieva Sevara Murodullaevna |
| 17 | Analysis of prevalence of non-infectious chronic diseases among prisoners | | "Innovative technologies in the diagnosis and treatment of internal diseases" (dedicated to the 90th anniversary of Academician K. Yu. Yuldashev) International conference of therapists | Khidoyatova Mukhlisa Rakhmatillaevna, |
| 18 | Characteristics of ischemic heart disease in rheumatoid arthritis | | "Innovative technologies in the diagnosis and treatment of internal diseases" (dedicated to the 90th anniversary of Academician K. Yu. Yuldashev) International conference of therapists | Khidoyatova Mukhlisa Rakhmatillaevna, Mirkhamidov Mirziyod Vosildjanovich |
| 19 | Clinical diagnosis of rheumatoid arthritis | | International conference of young scientists on major problems of modern medicine | Mirkhamidov Mirziyod Vosildjanovich, Khidoyatova Mukhlisa Rakhmatillaevna, Nabiyava Dildora Abdumalikovna |
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| 21 | Features of the course of ischemic heart disease in rheumatoid arthritis | | "Sovremennye aspekti diagnostiki i lecheniya rheumaticheskikh zabolevaniy" Sbornik materialov mejdunarodnoy nauchno-prakticheskoy konferentsii, | Khidoyatova Mukhlisa Rakhmatillaevna, Mirkhamidov Mirziyod Vasiljonovich |
| 22 | Question about diagnosis of rheumatoid arthritis | | "Sovremennye aspekti diagnostiki i lecheniya rheumaticheskikh zabolevaniy" Sbornik materialov mejdunarodnoy nauchno-prakticheskoy konferentsii, | Mirkhamidov Mirziyod Vasiljonovich, Nabieva Dildora Abdumalikovna, Khidoyatova Mukhlisa Rakhmatillaevna |
| 23 | Disruption of repolarization processes in the myocardium in patients with COVID-19 | | "Sovremennye aspekti diagnostiki i lecheniya rheumaticheskikh zabolevaniy" Sbornik materialov mejdunarodnoy nauchno-prakticheskoy konferentsii, | Khidoyatova Mukhlisa Rakhmatillaevna |
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| 25 | Analysis of cytokinin profiles with different variants of the SSD technique | | "Sovremennye aspekti diagnostiki i lecheniya rheumaticheskikh zabolevaniy" Sbornik materialov mejdunarodnoy nauchno-prakticheskoy konferentsii, | Aripova Nozima Abrarovna, Djuraeva Elnora Rustamovna, Ganieva Nafisa Abrarovna |
| 26 | Otsenka atherosclerotic lesion of the solar artery and systemic scleroderma | | "Sovremennye aspekti diagnostiki i lecheniya rheumaticheskikh zabolevaniy" Sbornik materialov mejdunarodnoy nauchno-prakticheskoy konferentsii, | Ganieva Nafisa Abrarovna, Djuraeva Elnora Rustamovna, Aripova Nozima Abrarovna, Bekenova Gulchekhra Tulagenovna |
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| 28 | Rheumatoid arthritis on the background of disturbance of the respiratory system function | | "Sovremennye aspekti diagnostiki i lecheniya rheumaticheskikh zabolevaniy" Sbornik materialov mejdunarodnoy nauchno-prakticheskoy konferentsii, | Abduazizova Nargiza Khakimdjanovna, Rizamukhamedova Mashkura Zakirovna |
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| 30 | Osobennosti klinicheskogo techenia granulomatosis with polyangiitis | | "Sovremennye aspekti diagnostiki i lecheniya rheumaticheskikh zabolevaniy" Sbornik materialov mejdunarodnoy nauchno-prakticheskoy konferentsii, | Berdieva Dilfuza Umurzakovna |
| 31 | Features of joint syndrome in patients with ulcerative colitis | | "Sovremennye aspekti diagnostiki i lecheniya rheumaticheskikh zabolevaniy" Sbornik materialov mejdunarodnoy nauchno-prakticheskoy konferentsii, | Djuraeva Elnora Rustamovna, Berdieva Dilfuza Umurzakovna |
| 32 | Evaluation of extraskeletal changes in ankylosing spondyloarthritis | | "Sovremennye aspekti diagnostiki i lecheniya rheumaticheskikh zabolevaniy" Sbornik materialov mejdunarodnoy nauchno-prakticheskoy konferentsii, | Mukhammadieva Sevara Murodullaevna., Abduazizova N.Kh., Shiranova Shakhnoza Abdinazarovna. |
| 33 | Correlation between the inflammatory process, osteoporosis and the formation of syndesmophytes in patients with axial spondyloarthritis | | "Sovremennye aspekti diagnostiki i lecheniya rheumaticheskikh zabolevaniy" Sbornik materialov mejdunarodnoy nauchno-prakticheskoy konferentsii, | Mukhammadieva Sevara Murodullaevna, Nabieva Dildora Abdumalikovna, Matchanov Seytbay Khudoybergenovich. |
| 34 | The influence of vitamin D levels in blood serum and the development of diseases in patients with rheumatoid arthritis | | "Sovremennye aspekti diagnostiki i lecheniya rheumaticheskikh zabolevaniy" Sbornik materialov mejdunarodnoy nauchno-prakticheskoy konferentsii, | Mukhammadieva Sevara Murodullaevna, Mirkhamidov Mirziyod Vasiljonovich |
| 35 | Vzaimosvyaz mineralnoy plotnosti kosti sevogo skeleta with osteoarthritis of the knee joint and genschin knee joint and postmenopause | | Tezisy mejdunarodnogo forum terapevtov "Current problems of internal organs" September 20-21, 2023, Tashkent | Matchanov Seytbay Khudoybergenovich |
| 36 | Osteoarthritis of the cystic system: special diagnosis and technique, otsenka kachestva jizni bolnyx | | Tezisy mejdunarodnogo forum terapevtov "Current problems of internal organs" September 20-21, 2023, Tashkent | Matchanov Seytbay Khudoybergenovich |
| 37 | Sostoyanie mineralnoy plotnosti kostey u ginseng v postmenopauze s osteoarthritisrom kolennogo sustava | | Tezisy mejdunarodnogo forum terapevtov "Current problems of internal organs" September 20-21, 2023, Tashkent | Matchanov Seytbay Khudoybergenovich |
| 38 | The effectiveness of the treatment of ankylosing spondylitis in patients with different stages of the disease | | International forum of therapists on the topic "Actual problems of internal diseases". | Pulatova Shakhnoza Bakhtiyarovna, Mirzajonova Gulbakhor |
| 39 | Structural and functional parameters of the heart in metabolic syndrome | | International forum of therapists on the topic "Actual problems of internal diseases". | Khidoyatova Mukhlisa Rakhmatillaevna |
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| **LIST OF ARTICLES PRINTED IN FOREIGN JOURNALS** | | | | |
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| 1 | Assessment of the level of health and physical performance in people with alimentary obesity and high cardiovascular risk | | European Chemical Bulletin | Khidoyatova Mukhlisa Rakhmatillaevna (Hidoyatova MR) |
| 2 | Assessment of the efficiency of bioregulator drugs in the treatment of osteoarthritis in the climacteric period with endothelial dysfunction | | The Seybold Report | Sagatova Dilnoza Rakhimovna, Nabieva Dildora Abdumalikovna |
| 3 | Features of the clinical course and efficiency of hypouricemic therapy of gout in women depending on gene polymorphism | | The Seybold Report | Nabieva Dildora Abdumalikovna, Djuraeva Elnora Rustamovna, Ziyaeva Feruza Kamaliddinovna, Matchanov Seyitbay Khudoybergenovich |
| 4 | Condition of dyslipidemia and cytokine profile in patients with gout: the role of IL-6, IL-18 and the place of hyperuricemia in the development of metabolic disorders. | | Journal of Human University (Natural Sciences) | Nabieva Dildora Abdumalikovna, Khidoyatova MR, Agzamova GS, Abduazizova NX, Matchanov SX, Midasov MM, Shiranova Sh.A. |
| 5 | Features of the clinical course and efficiency of hypouricemic therapy of gout in women depending on gene polymorphism | | Journal of Human University (Natural Sciences) | Nabieva Dildora Abdumalikovna, Djurayeva ER, Ziyayeva FK, Matchanov SX, Abdurazzokova DS |
| 6 | Assessment of clinical and diagnostic aspects of atherosclerosis in patients with systemic scleroderma | | Journal of Hunan University(Natural Sciences） | Ganiyeva Nafisa Abrarovna, Djurayeva ER, Abduazizova NX, Aripova NA, Kasimova MB, Akhmedova NA, Bekenova GT |
| 7 | Evaluation of the effectiveness of target therapy in the treatment of patients with polyangiitis granulomatosis | | Journal of Hunan University(Natural Sciences） | Berdyeva Dilfuza Umirzakovna, Dzhurayeva Elnora Rustamovna, Sultanova Mahsuma Khudaiberdievna, Pulatova Shahnoza Bakhtiyarovna. |
| 8 | The role of pro-inflammatory cytokines in various types of systemic scleroderma | | The Seybold Report | Aripova N.A., Dzhurayeva ER, Abduazizova NX, Berdiyeva DU,  Ganiyeva NA and Ziyayeva F. K |
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|  | **FOREIGN JOURNALS** | | | |
| 1 | Characteristic traits of the clinic and diagnosis of rheumatoid arthritis in early stages | | Original Medicine. | Abduazizova Nargiza Khakimdjanovna, Berdieva Dilfuza Umurzakovna |
| 2 | Early diagnostics and immunological features | | European Journal of Molecular Medicine | Agzamova Gulnora Sunnatovna, Abdieva Yulduz |
| 3 | Priverjennost providomoy terapii sredi bol-nyx terapevticheskogo profilya | | Vestnik magistracy | Bekenova Gulchekhra Tulegenovna |
| 4 | Clinical approach to the features of the course of nonspecific ulcerative colitis | | European Journal of Research | Berdieva Dilfuza Umurzakovna |
| 5 | Importance of coronavirus infection (COVID-19) in the development of systemic vasculitis | | Advanced Performance Materials | Djuraeva Elnora Rustamovna |
| 6 | Review on pathogenetic processes of systemic lupus erythematosus | | Original Medicine. | Ziyaeva Feruza Kamaliddinovna, Djuraeva Elnora Rustamovna |
| 7 | The use of the nonsteroidal anti-inflammatory drug etoricoxib in rheumatologic practice | | Asian journal of pharmaceutical and biological research | Matchanov Seytbay Khudoybergenovich |
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| 10 | Vaso-renal hypertension in non-specific aortoarteritis | | Asian journal of pharmaceutical and biological research | Nabieva Dildora Abdumalikovna, Khidoyatova Mukhlisa Rakhmatillaevna |
| 11 | Early diagnosis of osteoporosis inpatients with systemic scleroderma | | Eurasian Medical Research Periodical | Sultanova Maksuma Khudoybergenovna, Mirkhamidov Mirzid Vasiljonovich |
| 12 | Early Diagnosis of Structural and Functional Changes in the Heart with Metabolic Syndrome: A Relationship with Insulin Resistance | | International Journal of Social Science Research and Review | Khidoyatova Mukhlisa Rakhmatillaevna, Nabieva Dildora Abdumalikovna, Sultanova Maksuma Khudoybergenovna, Berdieva Dilfuza Umurzakovna, Mirkhamidov Mirziyod Vasiljonovich |
| 13 | Sovremennye biomarkers of early atherosclerosis and systemic scleroderma | | Proceedings of International Conference on Educational Discoveries and Humanities | Ganieva Nafisa Abrarovna, Aripova Nozima Abrarovna |
| 14 | Prospects for inhibitors of tumor necrosis factor-a in the treatment of ankylosing spondyloarthritis | | Asian journal of pharmaceutical and biological research | Pulatova Shakhnoza Bakhtiyarovna, Abduazizova Nargiza Khakimzhanovna |
| 15 | Risk Assessment of Type 2 Diabetes Mellitus Depending on the Degree of Activity of Rheumatoid Arthritis | | International Journal of Studies in Natural and Medical Sciences | Sultanova Maksuma Khudoybergenovna, Mirkhamidov Mirziyod Vasiljonovich |
| 16 | Molecular and genetic features of coagulation disorders in patients with gout | | World Bulletin of Public Health (WBPH) | Akramova Nigora Turdikulovna, Nabieva Dildora Abdumalikovna |
| 17 | Efficacy and safety of anti-inflammatory treatment in ankylosing spondyloarthritis | | British View | Sevara M. Mukhammadieva |
| 18 | Osteoporosis - A Complication or Symptom of Axial Spondyloarthritis? | | American Journal of Medicine and Medical Sciences | Sevara M. Mukhammadieva |
| 19 | Lipid profile in patients with rheumatoid arthritis on the background of basic treatment | | Asian journal of pharmaceutical and biological research | Abduazizova NX, Nabieva DA, Pulatova Sh.B. |
| 20 | An interaction of endogenous intoxication with disturbance of functional and metabolic features of liver in patients with chronic myeloid leukemia | | Journal of environmental health research. | DU Berdieva |
| 21 | Assessment of the Efficiency of Methods of Diagnosis of Different Types of Polyangiitis Granulematosis | | American Journal of Medicine and Medical Sciences | Berdieva Dilfuza Umurzakovna, Rizamukhamedova Mashkura Zakirovna, Ziyaeva Feruza Kamaliddinovna, Ibragimova Noilya |
| **LIST OF ABSTRACTS PRINTED IN FOREIGN JOURNALS** | | | | |
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| 2 | Opredelenie v krovi fno-a u bolnyx silikozom | Vserossiysky terapevtichesky kongress mejdunarodnym uchasteimBotkinskiechteniya | | Abdieva Yulduz Atakulovna |
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| 5 | The significance of interleukin-4 in systemic scleroderma | Eurasian congress of internal medicine | | Aripova Nozima Abrarovna, Nabieva Dildora Abdumalikovna, Djuraeva Elnora Rustamovna, Ziyaeva Feruza Kamaliddinovna, Ganieva Nafisa Abrarovna |
| 6 | The state of the cardiovascular system in systemic scleroderma | Vserossiysky terapevtichesky kongress mejdunarodnym uchasteimBotkinskiechteniya | | Ganieva Nafisa Abrarovna, Rizamukhammedova Mashkura Zakirovna, Nabieva Dildora Abdumalikovna, Aripova Nozima Abrarovna |
| 7 | Significance of interleukin-6 in systemic scleroderma | Vserossiysky terapevtichesky kongress mejdunarodnym uchasteimBotkinskiechteniya | | Ganieva Nafisa Abrarovna, Bekenova Gulchekhra Tulegenovna, Berdieva Dilfuza Umurzakovna Aripova N.A. |
| 8 | Uroven interleukin-6 in systemic scleroderma | Eurasian congress of internal medicine | | Ganieva Nafisa Abrarovna, Aripova Nozima Abrarovna |
| 9 | Izuchit clinical picture of rheumatoid arthritis and the period of the pandemic of Covid-19 | Vserossiysky terapevtichesky kongress s mejdunarodnym uchastiem Botkinskie chteniya | | Djuraeva Elnora Rustamovna, Ziyaeva Feruza Kamaliddinovna, Aripova Nozima Abrarovna, Ganieva Nafisa Abrarovna |
| 10 | Clinical and immunological predictive effectiveness of methotrexate therapy in rheumatoid arthritis | Vserossiysky terapevtichesky kongress s mejdunarodnym uchastiem Botkinskie chteniya | | Matchanov Seyitbay Khudoyberganovich |
| 11 | Effect of anti-elastin antibodies on the cardiovascular system in patients with rheumatoid arthritis | Vserossiysky terapevtichesky kongress s mejdunarodnym uchastiem Botkinskie chteniya | | Matchanov Seyitbay Khudoyberganovich |
| 12 | Cystic osteoarthrosis: diagnostic features and techniques, otsenka kachestva jizni bolnix | Vserossiysky terapevtichesky kongress s mejdunarodnym uchastiem Botkinskie chteniya | | Matchanov Seyitbay Khudoyberganovich |
| 13 | Evaluation of efficacy of methotrexate and adalimumab in patients with rheumatoid arthritis | Vserossiysky terapevtichesky kongress s mejdunarodnym uchastiem Botkinskie chteniya | | Matchanov Seyitbay Khudoyberganovich |
| 14 | Otsenka vliyaniyarheumatoidnogo arthritai bazisnoyprotivovospalitelnoyterapii na razvitieatherosclerosis sonnyharteriy | Vserossiysky terapevtichesky kongress mejdunarodnym uchasteimBotkinskiechteniya | | Matchanov Seyitbay Khudoyberganovich |
| 15 | Clinical characteristics of patients with ankylosing spondylitis and non-radiological axial spondyloarthritis | Vserossiysky terapevtichesky kongress s mejdunarodnym uchastiem Botkinskie chteniya | | Mukhammadieva Sevara Murodullaevna, Nabieva Dildora Abdumalikovna, Khidoyatova Mukhlisa Rakhmatillaevna, Shiranova Shakhnoza Abdinazarovna |
| 16 | A change in the gut microbiota is a factor in the development of gout in hyperuricemia | Innovation in the modern education system | | Nabiyeva Dildora AbdumalikovnaShiranova Shakhnoza AbdinazarovnaMuhammadiyeva Sevara Murodullayevna |
| 17 | Radiological changes in ankylosing spondylitis with mineral exchange | Vserossiysky terapevtichesky kongress s mejdunarodnym uchastiem Botkinskie chteniya | | Nabieva Dildora Abdumalikovna, Pulatova Shakhnoza Bakhtiyarovna |
| 18 | A clinical case of avascular necrosis of the liver, a manifestation of the post-covid syndrome | Vserossiysky terapevtichesky kongress s mejdunarodnym uchastiem Botkinskie chteniya | | Sultanova Makhsuma Khudoybergenovna, Khidoyatova Mukhlisa Rakhmatillaevna |
| 19 | The difficulty of diagnosis and clinical-laboratory relationship between patients with different variants of systemic lupus erythematosus | Vserossiysky terapevtichesky kongress s mejdunarodnym uchastiem Botkinskie chteniya | | Sultanova Makhsuma Khudoybergenovna |
| 20 | Izuchenie debut of systemic red volchanki and background obostreniya chronicheskogo pyelonephritis | Vserossiysky terapevtichesky kongress s mejdunarodnym uchastiem Botkinskie chteniya | | Sultanova Maksuma Khudoybergenovna, Mirkhamidov Mirziyod Vasiljonovich |
| 21 | Voprosy rehabilitation of patients with professional bronchial asthma | Vserossiysky terapevtichesky kongress s mejdunarodnym uchastiem Botkinskie chteniya | | Tashmukhamedova Maksuma Kuchkarovna |