**“CONFIRMED”**

**Dean of the international faculty**

**\_\_\_\_\_\_\_\_\_\_\_ Tursunov D.H.**

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

**CALENDAR THEMATIC PLAN**

**ACADEMIC YEAR 2023-2024**

**Department:** Faculty and hospital therapy №1 **Subject**: internal medicine

**Faculty**: international **Course**: 4 Credits (volume): 8.0

**Allocated hours**: lecture: 22 hours **Independent education**: 126 hours **Practical training**: 140 hours **Study load volume**: 288 hours

**Lecture sessions**

|  |  |  |
| --- | --- | --- |
| No | **The topic of lectures** | **A dedicated hour** |
| 1. | Rheumatoid arthritis | **2** |
| 2. | Seronegative spondyloarthritis | **2** |
| 3. | Gout | **2** |
| 4. | Diffuse diseases of connective tissue: systemic lupus erythematosus | **2** |
| 5. | Gastric and duodenal ulcer disease | **2** |
| 6. | Chronic hepatitis | **2** |
| 7. | Liver cirrhosis. Liver failure | **2** |
| 8. | Nonspecific ulcerative colitis | **2** |
| 9. | Chronic glomerulonephritis | **2** |
| 10 | Nephrotic syndrome | **2** |
| 11 | Chronic kidney disease | **2** |
|  | **Total** | **22 hours** |

**Head of Department, Professor Nabieva D.A.**

**FACULTY THERAPY COURSE PLAN**

**2023-2024 academic year**

|  |  |  |  |
| --- | --- | --- | --- |
| No | **Subject** | **Hour** | |
| **Lectures** | **Practical training** |
| 1 | Checking students' basic knowledge. Patient curation. Rheumatoid arthritis | 2 | 4 |
| 2. | Osteoarthritis |  | 6 |
| 3. | Seronegative spondyloarthritis | 2 | 4 |
| 4. | Reactive arthritis |  | 6 |
| 5. | Gout | 2 | 4 |
| 6. | Diffuse diseases of connective tissue: systemic lupus erythematosus | 2 | 4 |
| 7. | Diffuse connective tissue diseases: systemic scleroderma |  | 6 |
| 8. | Diffuse connective tissue diseases: systemic dermatomyositis |  | 6 |
| 9. | Systemic vasculitis: Nodular periarteritis, Goodpascher syndrome, Wegener's granulomatosis |  | 6 |
| 10. | Systemic vasculitis: Nonspecific aortic arteritis. Schönlein-Genoch disease. |  | 6 |
| 11. | Osteoporosis |  | 6 |
| 12. | Gastritis |  | 6 |
| 13. | Gastric and duodenal ulcer disease | 2 | 4 |
| 14. | Chronic cholecystitis |  | 6 |
| 15. | Chronic hepatitis | 2 | 4 |
| 16. | Liver cirrhosis. Intermediate control. | 2 | 4 |
| 17. | Liver failure. |  | 6 |
| 18. | Chronic pancreatitis |  | 6 |
| 19. | Chronic enteritis. |  | 6 |
| 20. | Chronic colitis |  | 6 |
| 21. | Nonspecific ulcerative colitis | 2 | 4 |
| 22. | Chronic pyelonephritis |  | 6 |
| 23. | Acute glomerulonephritis | 2 | 4 |
| 24. | Chronic glomerulonephritis |  | 6 |
| 25. | Nephrotic syndrome | 2 | 4 |
| 26. | Renal amyloidosis |  | 6 |
| 27. | Chronic kidney disease | 2 | 4 |
|  | **Total: 162 hours** | **22 hours** | **140 hours** |

**Head of Department, Professor Nabiyeva D.A.Calendar-thematic plan of lectures of the internal medicine**

**2023-2024 academic year**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | ***Subject*** | ***Groups*** | | |
| **401(en)** | **402** | **403** |
| 1.  2. | Rheumatoid arthritis  Seronegative spondyloarthritis |  | | |
| **04.09**  08.00 | **21.10**  08.00 | **21.10**  11.00 |
| *Lecturer: docent Bekenova G.T.* | | |
| **05.09**  08.00 | **23.10**  11.00 | **23.10**  08.00 |
| *Lecturer:Pulatova Sh.B.* | | |
| 3.  4. | Gout  Diffuse diseases of connective tissue: systemic lupus erythematosus |
| **06.09**  08.00 | **24.10**  11.00 | **24.10**  08.00 |
| *Lecturer: Docent Bekenova G.T.* | | |
| **07.09**  08.00 | **25.10**  11.00 | **25.10**  80.00 |
| *Lecturer: Berdieva D.U.* | | |
| 5.  6. | Gastric and duodenal ulcer disease  Chronic hepatitis |
| **08.09**  08.00 | **26.10**  11.00 | **26.10**  08.00 |
| *Lecturer: Isroilov A.* | | |
| **09.09**  08.00 | **27.10**  11.00 | **27.10**  08.00 |
| *Lecturer: Abduazizova N.X.* | | |
| 7.  8. | Liver cirrhosis. Liver failure  Nonspecific ulcerative colitis |
| **11.09**  08.00 | **30.10**  11.00 | **30.10**  08.00 |
| *Lecturer:docent Abduazizova N.X.* | | |
| **12.09**  08.00 | **31.10**  11.00 | **31.10**  08.00 |
| *Lecturer: Berdieva D.U.* | | |
| 9.  10. | Chronic glomerulonephritis  Nephrotic syndrome |
| **13.09**  08.00 | **01.11**  11.00 | **01.11**  08.00 |
| *Lecturer: Docent Bekenova GT* | | |
| **14.09**  08.00 | **02.11**  11.00 | **02.11**  08.00 |
|  | | *Lecturer: Isroilov A.* | | |
| 11 | Chronic kidney disease | **15.09**  08.00 | **03.11**  11.00 | **03.11**  08.00 |
| *Lecturer: Shiranova Sh.A.* | | |

**Head of Department, professor Nabieva D.A.**

**Calendar-thematic plan of practical classes of internal medicine 2023-2024 academic year**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | **Subject** | ***Groups*** | | |
| **401(in)** | **402** | **403** |
| 1 | Checking students' basic knowledge. Patient curation. Rheumatoid arthritis | 04.09 | 21.10 | 21.10 |
| 2. | Osteoarthritis | 05.09 | 23.10 | 23.10 |
| 3. | Seronegative spondyloarthritis | 06.09 | 24.10 | 24.10 |
| 4. | Reactive arthritis | 07.09 | 25.10 | 25.10 |
| 5. | Gout | 08.09 | 26.10 | 26.10 |
| 6. | Diffuse diseases of connective tissue: systemic lupus erythematosus | 09.09 | 27.10 | 27.10 |
| 7. | Diffuse connective tissue diseases: systemic scleroderma | 11.09 | 28.10 | 28.10 |
| 8. | Diffuse connective tissue diseases: systemic dermatomyositis | 12.09 | 30.10 | 30.10 |
| 9. | Systemic vasculitis: Nodular periarteritis, Goodpascher's syndrome, Wegener's granulomatosis | 13.03 | 31.10 | 31.10 |
| 10. | Systemic vasculitis: Nonspecific aortic arteritis. Schеnlein-Genoch disease. | 14.09 | 01.11 | 01.11 |
| 11. | Osteoporosis | 15.09 | 02.11 | 02.11 |
| 12. | Gastritis | 16.09 | 03.11 | 03.11 |
| 13. | Gastric and duodenal ulcer disease | 18.09 | 04.11 | 04.11 |
| 14. | Chronic cholecystitis | 19.09 | 06.11 | 06.11 |
| 15. | Chronic hepatitis | 20.09 | 07.11 | 07.11 |
| 16. | Liver cirrhosis.  Intermediate control. | 21.09 | 08.11 | 08.11 |
| 17. | Liver failure | 22.09 | 09.11 | 09.11 |
| 18. | Chronic pancreatitis | 23.09 | 10.11 | 10.11 |
| 19. | Chronic enteritis. | 25.09 | 11.11 | 11.11 |
| 20. | Chronic colitis | 26.09 | 13.11 | 13.11 |
| 21. | Nonspecific ulcerative colitis | 27.09 | 14.11 | 14.11 |
| 22. | Chronic pyelonephritis | 28.09 | 15.11 | 15.11 |
| 23. | Acute glomerulonephritis | 29.09 | 16.11 | 16.11 |
| 24. | Chronic glomerulonephritis | 30.09 | 17.11 | 17.11 |
| 25. | Nephrotic syndrome | 02.10 | 18.11 | 18.11 |
| 26. | Renal amyloidosis | 03.10 | 20.11 | 20.11 |
| 27. | Chronic kidney disease | 04.10 | 21.11 | 21.11 |

**Head of Department, professor**  **Nabieva D.A.**

***Independent study topics***

|  |  |  |  |
| --- | --- | --- | --- |
| No | Independent study topics | 1. hours | Competencies |
| **7-8 semester** | | | |
| 1 | Juvenile rheumatoid arthritis | 4 | UK 1, UK 2, UKK 3 |
| 2 | Modern methods of examination of joint diseases. | 5 | UK 3, UK 4, |
| 3 | Comparative analysis of joint syndrome. | 4 | UKK 1, UKK 2, |
| 4 | Modern methods of examination of diffuse connective tissue diseases. | 5 | UK 1, UK 4, |
| 5 | Antiphospholipid syndrome. | 5 | UKK 4, UKK 5, UKK 6 |
| 6 | Vertebral osteochondrosis. Spondylosis. Spondyloarthrosis. | 5 | UK 5, UK 6, UKK 6 |
| 7 | Polymyalgia rheumatica. Polindromic rheumatism. | 5 | UKK 5, UKK 6 |
| 8 | Kidney damage in systemic diseases. | 4 | UK 1, UK 2, UK 3 |
| 9 | Sharp's syndrome. Sjögren's disease. | 5 | UK 1, UK 2, UK 3 |
| 10 | Classification of nonsteroid and steroid anti-inflammatory drugs. Contraindications and side effects. | 5 | UK 5, UK:, UKK 5, UKK 6 |
| 11 | Cardiac achalasia. | 4 | UK 5, UK:, UKK 5, UKK 6 |
| 12 | Ggastroesophageal reflux disease. Barrett's esophagus. | 5 | UK 5, UK:, UKK 5, UKK 6 |
| 13 | Complications, diagnosis of gastric and duodenal ulcer disease. | 5 | UK 5, UK:, UKK 5, UKK 6 |
| 14 | Wilson-Kanovalov disease. | 5 | UK 5, UK:, UKK 5, UKK 6 |
| 15 | Biliar dyskinesia. | 4 | UK 5, UK:, UKK 5, UKK 6 |
| 16 | Crohn's disease. | 5 | UK 5, UK:, UKK 5, UKK 6 |
| 17 | Intestinal dysbacteriosis. | 4 | UK 5, UK:, UKK 5, UKK 6 |
| 18 | Whipple's disease. | 5 | UK 5, UK:, UKK 5, UKK 6 |
| 19 | Irritable Bowel Syndrome. | 4 | UK 5, UK:, UKK 5, UKK 6 |
| 20 | Modern examination methods of kidney diseases. | 5 | UK 5, UK:, UKK 5, UKK 6 |
| 21 | Tubulointerstitial nephropathies. | 5 | UK 5, UK:, UKK 5, UKK 6 |
| 22 | Urinary stone disease. | 4 | UK 5, UK:, UKK 5, UKK 6 |
| 23 | Substitute terapyes: hemodialysis, plasmapheresis.  Kidney transplantation. | 5 | UK 5, UK:, UKK 5, UKK 6 |
| 24 | Sharp kidney failure. | 5 | UK 5, UK:, UKK 5, UKK 6 |
| 25 | Nephrotic crisis. | 4 | UK 5, UK:, UKK 5, UKK 6 |
| 26 | Interstitial nephritis. Polycystic kidney. | 5 | UK 5, UK:, UKK 5, UKK 6 |
| 27 | Diuretic drug waxes, classification.  Indications, contraindications, side effects. | 5 | UK 5, UK:, UKK 5, UKK 6 |
| **Total:** | | **126 hours** |  |

Independent learning topics are mastered by students outside of the classroom and factored into the subject-specific current assessment. Abstracts are prepared and presented by students on independent study topics. Independent works recommended for the physiology module are implemented in the module system in the form of various cases, situational problems and crosswords.

**Practical skills in science**

1. Determination of joint angle.
2. Measurement of joint circumference.
3. Identification of Kushelyovsky 1,2,3 samples.
4. Calculation of glomerular filtration rate in chronic kidney disease. (according to CKD-EPI).
5. Emergency care in nephrotic crisis

**Head of Department, professor Nabieva D.A.**

**Criteria for monitoring the acquisition of practical skills in students by module and evaluating their knowledge**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ball** | **ECTS**  **price** | **Definition of ECTS** | | **Grade** | **Description** |
| 86-100 | A | "excellent" - excellent result with minimal errors | to have systematic, full and deep knowledge of all sections of the module program, to be able to justify it with the necessary evidence;  to use terminology (including scientific, foreign language) clearly and appropriately, to express answers to questions in a logically correct, stylistically literate manner;  to identify problematic questions, to be able to justify their views in scientific and practical language;  to know the basic concepts of the module and to be able to apply it effectively in solving scientific and practical problems in a short time;  able to demonstrate the ability to solve problems independently and creatively in non-standard situations;  able to fully perform practical skills independently (in terms of quality and set quantity) and fully acquire competencies;  solving practical problems in a short, grounded and rational manner;  complete and in-depth mastering of the main and additional literature recommended in the module program;  to understand the essence of the theories, concepts and directions of the module, give them a critical assessment and be able to apply the scientific achievements of other modules;  should participate creatively and independently in theoretical and practical classes throughout the semester, be active in group discussions, and have a high level of culture in performing tasks; | 5 | excellent |
| 81-85 | B | "very good" is an above-average result, with some errors | to have systematic, full and deep knowledge of all sections of the module program, to be able to justify it with the necessary evidence;  to use terminology (including scientific, foreign language) clearly and appropriately, to express answers to questions in a logically correct, stylistically literate manner;  able to independently eliminate the ambiguities that arise when proving one's opinion or explaining other theoretical material;  to know the basic concepts of the module, to set scientific and professional tasks in a short period of time and use them effectively in solving them;  able to independently solve problems in standard situations within the curriculum;  able to fully perform practical skills independently (in terms of quality and set quantity) and fully acquire competencies;  to demonstrate a good knowledge of normative and legal documents in practical training, to be able to apply this knowledge correctly (but not always rationally) in new situations, the work performed Failure to adequately formalize h's results;  mastering the basic literature recommended in the module program;  to be able to understand the essence of the theories, concepts and directions of the studied module and give them a critical assessment;  it is necessary to creatively and independently participate in theoretical and practical classes throughout the semester, to be active in group discussions, to have a very good level of culture in performing tasks; | 4 | good |
| 71-80 | C | "good" is an average result with significant errors | have a systematic, complete and deep knowledge of all sections of the module program, able to justify it with the necessary evidence, but with some shortcomings;  to use terminology (including scientific, foreign language) clearly and appropriately, to express answers to questions in a logically correct, stylistically literate manner;  able to independently eliminate the ambiguities that arise when proving one's opinion or explaining other theoretical material;  to know the basic concepts of the module, to set scientific and professional tasks in a short period of time and use them effectively in solving them;  able to independently solve problems in standard situations within the curriculum;  able to perform practical skills independently (in terms of quality and set quantity) and acquire competencies, but with some shortcomings;  to demonstrate a good knowledge of normative and legal documents in practical training, to be able to apply this knowledge correctly (but not always rationally) in new situations, the work performed Failure to adequately formalize h's results;  mastering the basic literature recommended in the module program;  to be able to understand the essence of the theories, concepts and directions of the studied module and give them a critical assessment;  it is necessary to participate creatively and independently in theoretical and practical classes throughout the semester, to be active in group discussions, to have a good level in the performance of tasks; |
| 60-70 | D | "satisfactory" - poor result, with gross defects | to have sufficient knowledge within the framework of state educational standards (requirements);  use terminology, explain answers to questions correctly, but make some mistakes;  demonstrate a basic understanding of the module when struggling to respond or demonstrate some specific skills;  able to perform practical skills (in terms of quality and set quantity) independently but completely with mistakes;  acquisition of competences independently, but with mistakes;  to have partial knowledge of the general concepts of the module and be able to apply it in solving standard (model) situations;  able to solve standard situations with the help of a pedagogue;  to understand the essence of the main theories, concepts and directions of the studied module, to be able to evaluate them;  he should participate in theoretical and practical classes under the guidance of a pedagogue, and have a sufficient level of culture in performing tasks; | 3 | Blood  snowy |
| 55-59 | E | "medium" is equal to the minimum result | to have a satisfactory amount of knowledge within the framework of state educational standards (requirements);  use terminology, explain answers to questions correctly, but make some gross mistakes;  demonstrate a basic understanding of the module when struggling and making mistakes when answering or demonstrating some specific skills;  able to perform practical skills (in terms of quality and set quantity) not independently and completely with errors;  acquisition of competencies not independently and with mistakes;  to have partial knowledge of the general concepts of the module and be able to apply it in solving standard (model) situations;  able to solve standard situations with the help of a pedagogue;  to understand the essence of the main theories, concepts and directions of the studied module, to be able to evaluate them;  he should participate in theoretical and practical classes under the guidance of a pedagogue, and have a sufficient level of culture in performing tasks; |
| 31-54 | FX | "unsatisfied" - additional independent learning is necessary to obtain the minimum level of knowledge | if he has only some fragmentary knowledge within the framework of state educational standards (requirements);  fails to use scientific terms or makes serious logical errors in answering;  if he passively participates in theoretical and practical trainings and has a low level of task performance culture;  if he does not have practical skills and competencies, he cannot correct his mistakes even with the help of the recommendations of the pedagogical staff. | 2 | Blood  without snow |
| 0-30 | F | "absolutely unsatisfactory" –  must be completely re-appropriated | if he has only some fragmentary knowledge within the framework of state educational standards (requirements);  fails to use terms or makes serious and gross logical errors in answering or does not answer at all;  passively participates in theoretical and practical training, has a low level of culture of performing tasks or does not perform them at all;  if he does not have practical skills and competencies, he cannot correct his mistakes even with the help of the recommendations of the pedagogical staff. |  |  |

**Changing the rating from a 5-point scale to a 100-point scale**

All students should be evaluated in each session. The maximum score is 100, the passing score is 55. In the current supervision, students' knowledge based on the educational model is carried out in the following stages: theoretical and practical part (50:50).

Reserved for current control 8.0 credit is allocated:

*7-8-semester -8.0 credit*

Current control –8.0 credit

Midterm control – 0 (compulsory to pass)

A student 7-8 After collecting the credits specified in the semester, he submits a test task at the end of the semester and passes to the next semester only if he passes the passing (qualifying) score. A student is admitted to ON (probation) at the end of the semester after accumulating the specified credits.

**Head of Department, Professor**  **Nabieva D.A.**