***Табл. № 1. Обща информация за учебната дисциплина.***

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| Наименование на учебната дисциплина или модула (точно, както е по учебен план) | “Nephrology” |
| Специалност от МУ-Плевен | Medicine |
| В кой курс се изучава дисциплината | 5th year |
| Семестър, в който се изучава дисциплината | 10th semester |
| Преподаватели, които ще имат достъп до дисциплината, записани с академичните длъжности и имената, така както са в инф. система | Prof. Dr. Vasil Velichkov Todorov MD, PhD, DSc  Dr. Biser Kirilov Borisov MD, D  Dr. Milena Yankova Stoimenova  Dr. Gergana Vasileva Todorova  Dr. Emiliya Valentinova Borisova-Hristova  Dr. Aygulya Mayrova Akisheva  Dr. Mariela Simova Rusnakova |
| Създаване на виртуална класна стая (може да се заявят повече от една) |  |
| Има ли друга учебна информация за дисциплината – попълват ли се таблици 2, 3 и 4 от заявката (да/не) |  |

***Табл. № 2. Информация за структурните единици на дисциплината.***

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| **1. PURPOSE AND OBJECTIVES OF TRAINING** |
| The discipline Nephrology is in the list of compulsory subjects in the Medicine curriculum. It is studied in the tenth semester of the fifth year and is included in the semestral exam in Internal diseases part II along with Hematology and Gastroenterology. It is also part of the state exam in Internal diseases during the sixth year of education. Nephrology is a subspecialty of internal medicine that studies kidney function and kidney disease. It focuses on the diagnosis, treatment and prevention of kidney disease, systemic conditions that affect the kidney function (e.g. autoimmune disease) and disorders that occur as a result of kidney disease (e.g. renal osteodystrophy). A main focus of Nephrology are renal replacement therapy (dialysis) and kidney transplantation. |
| **2. TEACHING TEAM (FACULTY TEACHERS)** |
| Prof. Dr. Vasil Velichkov Todorov MD, PhD, DSc  Assoc. Prof. Biser Kirilov Borisov MD, PhD  Dr. Milena Yankova Stoimenova  Dr. Gergana Vasileva Todorova  Dr. Emiliya Valentinova Borisova-Hristova  Dr. Aygulya Mayrova Akisheva  Dr. Mariela Simova Rusnakova |
| **3. PROGRAM OF STUDY (CURRICULUM)** |
| The Nephrology Program of study is developed in the Department of Nephrology, Hematology and Gastroenterology according to the System of quality of education. The content of the program was initially approved by the Department council and finally - by the Faculty council. The Nephrology program includes the thesis plan of lectures and practical exercises. Its content is annually updated in accordance with the latest discoveries in the field. |
| **4. LECTURE COURSE** |
| The lecture course is intended for medical students. The course comprises seven 2 hour-lectures.  **To the lecture course…**  Lecture 1 Acute glomerulonephritis  Lecture 2 Chronic glomerulonephritis  Lecture 3 Acute and chronic pyelonephritis  Lecture 4 Nephrolithiasis  Lecture 5 Polycystic kidney disease  Lecture 6 Acute renal failure  Lecture 7 Chronic renal failure | |
| **5. ADDITIONAL MATERIALS** |
| To help students prepare for the Biophysics exam and to extend the students' learning, the following study materials listed below are recommended.   * Тодоров В., Вътрешни болести втора част - Учебник за студенти по медицина. Издателски център МУ-Плевен, 2013 г. |
| **6. PRACTICAL EXERCISES (ASSIGNMENTS AND ESSAYS, PRACTICAL EXERCISES)** |
| The Nephrology course consists of fifteen topics that cover some of the most common diseases in kidney pathology. Each one consists of: ethiology, epidemiology, pathogenesis, pathological changes, clinical features, diagnosis, differential diagnosis and treatment. During the practical course students develop their clinical skills in taking patient history, physical examination, building the diagnosis and choosing the most accurate methods of treatment. This is achieved by practical work with patients and extensive discussion of clinical cases. The aim of the Nephrology course is to develop the clinical way of thinking of the fifth-year medical students.  Practical exercises – theses…  Thesis 1 Acute glomerulonephritis  Thesis 2 Chronic glomerulonephritis  Thesis 3 Acute pyelonephritis  Thesis 4 Chronic pyelonephritis  Thesis 5 Nephrolithiasis  Thesis 6 Autosomal Dominant Polycystic Kidney Disease  Thesis 7 Interstitial nephritis  Thesis 8 Balkan endemic nephropathy  Thesis 9 Diabetic nephropathy  Thesis 10 Lupus nephropathy  Thesis 11 Renal amyloidosis  Thesis 12 Myelomic nephropathy  Thesis 13 Pregnancy induced nephropathy  Thesis 14 Gout nephropathy  Thesis 15 Acute renal failure  Thesis 16 Chronic renal failure (Part I)  Thesis 17 Chronic renal failure (Part II) | |
| **7. EXAMINATION SYNOPSIS (CONSPECTUS FOR THE EXAM)** |
| The synopsis includes both lectures and practical exercises topics.  Examination synopsis…  **Exam synopsis\_Nephrology** |
| **8. TEST QUESTIONS AND PROBLEMS (TESTS COURSE)** |
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| **9. GENERAL COMMENTS AND RECOMMENDATIONS** |
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| **10. FORUM ON THE DISCIPLINE** |
| The forum on the subject is the place where you can accommodate comments, questions and recommendations on ways of presenting the material. The forum is open to all students and the information in it should be brief and clear in strict compliance with the requirements of academic ethics. Thank you for your understanding. |
| **11. CONSULTATIONS** |
| Consultations on the course are in attendance and remote form. Attendance consultations are optional and are held in the Nephrology clinic at UMHAT “Dr. G. Stranski” - Pleven at the appointed time. These consultations explain the methodology and terms of preparation for the course in distance learning. In remote consultation teachers contact with the students through forums and email. |

***Табл. 3. Информация за съдържанието на лекциите и учебните единици към нея.***

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| **Lecture 1: Acute glomerulonephritis.** |
| Etiology of acute glomerulonephritis. Epidemiology. Pathogenesis. Pathology. Clinical features of acute glomerulonephritis. Diagnosis. Differential diagnosis. Treatment of patients with acute glomerulonephritis. |
| **Lecture 2: Chronic glomerulonephritis.** |
| Etiology of chronic glomerulonephritis. Epidemiology. Classification of chronic glomerulonephritis. Pathogenesis. Idiopathic nephrotic syndrome – types, pathological changes and clinical features. Membranous glomerulonephritis – pathological changes and clinical features. Mesangioproliferative glomerulonephritis – types, pathological changes and clinical features. Membranoproliferative glomerulonephritis – pathological changes and clinical features. Diagnosis. Differential diagnosis. Treatment of patients with chronic glomerulonephritis. |
| **Lecture 3: Acute and chronic pyelonephritis.** |
| Etiology of pyelonephritis. Predisposing factors. Epidemiology. Pathogenesis. Pathological changes in acute and chronic pyelonephritis. Clinical features of acute and chronic pyelonephritis. Diagnosis. Differential diagnosis. Therapeutic approach. |
| **Lecture 4: Nephrolithiasis** |
| Etiology of nephrolithiasis. Predisposing factors for developing of kidney stones. Epidemiology. Pathogenesis. Pathology. Types of kidney stones. Clinical features of nephrolithiasis. Diagnosis. Differential diagnosis. Therapeutic approach and prophylactics of patients with nephrolithiasis. |
| **Lecture 5: Polycystic kidney disease** |
| History of polycystic kidney disease. Etiology of polycystic kidney disease. Epidemiology. Pathogenesis. Pathology. Clinical features of ADPKD. Diagnostic criteria. Differential diagnosis. Treatment of patients with ADPKD. |
| **Lecture 6: Acute renal failure** |
| Etiology of acute renal failure. Epidemiology. Pathogenesis. Pathology. Clinical features of acute renal failure. Diagnosis. Differential diagnosis. Management of patients with acute renal failure. |
| **Lecture 7: Chronic renal failure** |
| Etiology of chronic renal failure. Epidemiology. Pathogenesis. Pathology. Stages of chronic renal failure. Clinical features of chronic renal failure. Diagnosis. Differential diagnosis. Management of patients with chronic renal failure. Renal replacement therapy. |