SLC. MS.040. LSO9001. 1693

SYLLABUS

INTERNATIONAL EUROPEAN UNIVERSITY

SCHOOL OF MEDICINE

PEDIATRICS

2023

SYLLABUS

Discipline	PEDIATRICS
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Profile of the teacher(s)	https://medicine.ieu.edu.ua/pro-yemsh/kafedry/kafedra-medyko profilaktychnykh-dystsyplin
Consultations	
Face-to-face consultations	First Tuesday of the month from 15:00 to 16:00
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Discipline page	https://medicine.ieu.edu.ua/pro-yemsh/kafedry/kafedra-medyko-profilaktychnykh-dystsyplin

Form of final control	offset	differentiated offset	exam
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SYLLABUS

1 Brief summary of the discipline

Paediatrics as an academic discipline lays the foundations for students to study infectious diseases, epidemiology, occupational diseases, oncology, which involves the integration of teaching with these disciplines and the development of skills to apply knowledge of paediatrics in the process of further education and professional activities; lays the foundations for a healthy lifestyle and prevention of diseases of the organs and systems of the child's body in the course of life.

2 Prerequisite for the course

It is based on the basic concepts and knowledge of anatomy, histology, medical and biological physics, inorganic, bioinorganic and biological chemistry, biology (general, molecular and medical), normal physiology, microbiology, and integrates with these disciplines, as well as with pathomorphology and pharmacology.

3 Purpose and objectives of the discipline

The purpose of studying paediatrics is to deepen theoretical knowledge, improve and master practical skills, and acquire a professional level of readiness of future doctors in the specialty "medicine" for independent work as a doctor.

The final objectives of the discipline "Paediatrics" are based on the educational objectives defined in the educational and professional programme (EPP). They are defined as follows:

1. To determine the etiological and pathogenetic factors of the most common somatic diseases of childhood.
2. Classify and analyse the typical clinical picture of the most common somatic diseases of childhood.
3. Identify the features of diseases in different age periods.
4. Draw up a plan of examination and analyse the data of laboratory and instrumental examinations in the typical course of the most common somatic diseases of childhood.
5. Demonstrate knowledge of the principles of treatment, rehabilitation and prevention of the most common somatic diseases of childhood.
6. Diagnose and provide emergency care for major emergencies in children with the most common somatic diseases of childhood.
7. To assess the prognosis of the most common somatic and non-communicable diseases of childhood.
8. Demonstrate knowledge of the moral and deontological principles of a medical specialist and the principles of professional subordination in paediatrics.
9. To establish a preliminary diagnosis of the most common somatic diseases of children.
10. Distinguish the features of the clinical course of the most common somatic diseases of children.
11. Identify the main areas of treatment of the most common somatic diseases of children.

4 Learning outcomes

PLR-1	Have a thorough knowledge of the structure of professional activity. Be able to carry out professional activities that require updating and integrating knowledge. To be responsible for professional development, the ability to further professional training with a high level of autonomy.
PLR-3	Specialised conceptual knowledge that includes scientific achievements in the field of healthcare and is the basis for research, critical thinking in the field of medicine and related interdisciplinary issues.
PLR-4	Identify and identify the leading clinical symptoms and syndromes (according to list 1); using standard methods, using preliminary data from the patient's history, examination of the patient, knowledge of the person, his/her organs and systems, establish a preliminary clinical diagnosis of the disease (according to list 2).
PLR-5	Collect complaints, anamnesis of life and disease, assess the patient's psychomotor and physical development, the state of organs and body systems, and evaluate information on the diagnosis (according to List 4) based on the results of laboratory and instrumental studies, taking into account

	the patient's age.
PLR-6	To establish the final clinical diagnosis by making an informed decision and analysing the obtained subjective and objective data of clinical, additional examination, differential diagnosis, following the relevant ethical and legal standards, under the supervision of a supervising physician in a healthcare facility (according to list 2).
PLR-7	Prescribe and analyse additional (mandatory and optional) methods of examination (laboratory, functional and/or instrumental) (according to list 4), patients with diseases of organs and body systems for differential diagnosis of diseases (according to list 2).
PLR- 10	Determine the necessary work, rest and nutrition regime based on the final clinical diagnosis, in compliance with relevant ethical and legal standards, by making an informed decision based on existing algorithms and standardised schemes.
PLR- 12	To assess the general condition of a newborn child by making an informed decision according to existing algorithms and standardised schemes, in compliance with relevant ethical and legal standards.
PLR- 13	Assess and monitor the child's development, provide recommendations on feeding and nutrition depending on age, and organise preventive vaccinations according to the calendar.
PLR- 14	Determine the tactics and provide emergency medical care for urgent conditions (according to list 3) in a time-limited environment in accordance with existing clinical protocols and treatment standards.
PLR- 17	Perform medical manipulations (according to List 5) in a healthcare facility, at home or at work based on a preliminary clinical diagnosis and/or patient's condition indicators by making an informed decision, following the relevant ethical and legal standards.
PLR- 19	Plan and implement a system of anti-epidemic and preventive measures, against the emergence and spread of diseases among the population.
PLR- 21	Find the necessary information in professional literature and databases from other sources, analyse, evaluate and apply this information.
PLR- 22	Apply modern digital technologies, specialised software, statistical methods of data analysis to solve complex problems health care.
PLR- 24	To organise the necessary level of individual safety (own and of persons under his/her care) in the event of typical dangerous situations in the individual field of activity.
PLR- 25	Clearly and unambiguously communicate own knowledge, conclusions and arguments on healthcare and related issues to specialists and non-specialists.
PLR- 27	Communicate fluently in the state language and English, both orally and in writing, to discuss professional activities, research and projects.
PLR- 29	To plan, organise and implement measures for the specific prevention of infectious diseases, including in accordance with the National Vaccination Schedule, both mandatory and recommended. Manage vaccine stocks, organise additional vaccination campaigns, including immunoprophylaxis activities.

5 Credits ECTS

The discipline takes 330 hours of 11 ECTS credits to study.

6 Structure of the discipline

Topic	Lection	Practice	Ind.
Section 1. Eating disorders in children			
Assessment of the child's nutritional status. Protein and energy deficiency, degrees of protein and energy deficiency, obesity, degrees of obesity, eating disorders.	1	4	4

Deficiency of vitamins and minerals. Rickets, hypervitaminosis "D, spasmophilia: etiology, pathogenesis, clinic, diagnosis, treatment, medical care in emergency conditions, prevention of vitamin D deficiency.	1	2	4
Section 2. Respiratory diseases in children			
Acute respiratory infections of the upper respiratory tract: acute nasopharyngitis, acute pharyngitis, acute laryngopharyngitis, acute tracheitis in children. Respiratory failure: etiology, diagnosis, treatment, emergency care, prevention.		4	4
Acute simple, obstructive, recurrent and chronic bronchitis. Bronchiolitis. Chronic nonspecific lung diseases. Cystic fibrosis and other congenital and hereditary diseases of the respiratory system in children.		4	4
Pneumonia in children: etiology, pathogenesis, classification, clinical manifestations in children of different ages, principles of treatment, prevention.		4	4
Chapter 3. Diseases of the cardiovascular system in children			
The most common congenital heart defects in children. Etiology, haemodynamic classification, clinic, complications, indications for surgical treatment. Inflammatory and non-inflammatory heart diseases: non-rheumatic carditis, cardiomyopathy. Etiology, pathogenesis, clinic, treatment.	2	6	4
Acute rheumatic fever in children. Juvenile idiopathic arthritis and reactive arthropathies. Etiology, pathogenesis, clinic, treatment, prevention. Patient management		4	4
Chapter 4. Diseases of the digestive system in children			
Congenital malformations of the gastrointestinal tract in children. Clinical signs, diagnosis, approaches to treatment.	0,5	2	4
Functional diseases of the digestive system in children.	0,5	2	4
Diseases of the mouth, oesophagus and stomach in children. Chronic gastritis, gastroduodenitis, peptic ulcer in children. Etiology, pathogenesis, clinic, diagnosis, treatment, prevention.	0,5	4	2
Diseases of the small and large intestine. Inflammatory bowel disease (Crohn's disease, ulcerative colitis) in children. Diseases of the hepatobiliary system and pancreas in children. Pathogenesis, clinic, diagnosis, treatment and prevention.	0,5	4	2
Chapter 5. Diseases of the urinary system in children			
Infections of the urinary system: acute and chronic pyelonephritis, cystitis. Etiology, pathogenesis, clinic, diagnosis, treatment, prevention. The role of congenital malformations of the urinary system in children as a prerequisite for of inflammatory diseases of the urinary tract.	1	4	4
Acute and chronic glomerulonephritis. Chronic kidney disease. Etiology, pathogenesis, clinic, diagnosis, treatment, prevention.	1	4	4
Chapter 6. Hereditary diseases in children			
Classification of hereditary diseases. Types of inheritance. Methods of genetic diagnosis. Monogenic diseases. Genetic counselling	1	2	2
Chromosomal diseases. Examination of a child with dysmorphic features	1	2	2
Credit class. Defence of the medical history.		2	2
Total:	**10**	**54**	**54**
5th year			

Table of contents section 1. Fetal and neonatal medicine			
Definition of neonatology. Obstetric information. Communication with parents. Preterm infants. Degrees of morphological and neuro-functional maturity of preterm infants. Features of adaptation of preterm newborns. Organisation of nursing and feeding of preterm infants.	2	4	4
Syndrome of respiratory disorders of newborns. Newborn asphyxia.		2	4
Birth trauma of newborns. Etiology, pathogenesis, classification, clinic, diagnosis, primary resuscitation of newborns, treatment, prevention, prognosis.		4	4
Haemolytic and haemorrhagic diseases of newborns. Etiology, pathogenesis, classification, clinic, diagnosis, primary resuscitation of newborns, treatment, prevention, prognosis.		2	4
Perinatal infections. TORCH infections	2	2	6
Section 2: Diseases of the blood system in children			
Anaemia in children, main etiological factors, examination algorithm.Iron, protein and vitamin deficiency anaemia in children: etiology, pathogenesis, classification, clinic, diagnosis, differential diagnosis, treatment, prevention, prognosis. Neutropenia.	1	2	4
Haemorrhagic diseases in children. Immune thrombocytopenia, standards of care.	0,5	2	4
Haemoblastosis in children. Etiology, pathogenesis, classification, diagnosis, treatment, prognosis.	0,5	2	4
Content section 3. Disorders of the immune system in children (immunodeficiencies, disorders of immune regulation, allergic diseases, rheumatological diseases)			
Primary and secondary immunodeficiencies. Congenital immune deficiencies, classification, clinical manifestations, principles of diagnosis and treatment. Screening of newborns for primary immunodeficiencies. The main causes of secondary immunodeficiencies. Drugs with immunosuppressive effects. Disorders of immune regulation.		2	2
Allergic diseases in children. Mechanisms of development. Atopic diseases in children: atopic dermatitis, allergic rhinitis, bronchial asthma. Etiology, pathogenesis, clinic, diagnosis, treatment, prevention. The concept of atopic march. Emergency care at different stages of asthma.		4	2
Systemic connective tissue diseases and systemic vasculitis in children. The leading clinical symptoms and syndromes in idiopathic juvenile arthritis, systemic lupus erythematosus, acute rheumatic fever, dermatomyositis, scleroderma, Kawasaki disease, polyarteritis nodosa and other systemic vasculitis in children. Clinical variants and complications of systemic connective tissue diseases and systemic vasculitis in children.		4	4
Table of contents section 4. Diseases of the endocrine system			
Diabetes mellitus of various types in children. Etiology, pathogenesis, classification, clinic, diagnosis, differential diagnosis, treatment, prevention, prognosis of diabetes mellitus in children. Insulin therapy.	1	4	2
Diseases of the thyroid and parathyroid glands in children. Etiology, pathogenesis, clinic, diagnosis, differential diagnosis. Treatment, prevention of diffuse toxic goitre, hypothyroidism,	0,5	2	2

autoimmune thyroiditis, endemic goitre in children. goiter in children. Degrees of goiter.			
Diseases of the hypothalamic-pituitary system and gonads in children. Etiology, pathogenesis, classification, clinic, diagnosis, differential diagnosis, treatment, prevention of various clinical forms of growth pathology	0.5	2	2
Credit class. Defence of medical history		2	
Total	**8**	**40**	**48**
6th year			
Topic 1: Acute cough in children: definition, causes, management tactics, examination algorithm, approaches to treatment. Differential diagnosis of bronchial obstruction syndrome in children. Leading clinical symptoms in bronchiolitis and acute obstructive bronchitis in children. Emergency care in asthmatic status.	-	6	2
Topic 2. Chronic cough: definition, causes, management tactics, examination algorithm, treatment approaches. Leading clinical symptoms in bronchial asthma, cystic fibrosis, primary ciliary dyskinesia, chronic infection, immunodeficiency.	-	6	2
Topic 3. Differential diagnosis of cardiomegaly in children. Leading clinical symptoms and syndromes of circulatory system diseases in children accompanied by cardiomegaly. Clinical variants of the course and complications of myocarditis, endocarditis, pericarditis, cardiomyopathies, congenital and acquired heart disease in children. Emergency care in acute heart failure. Treatment and prevention of chronic heart failure.	-	6	2
Topic 4. Differential diagnosis of carditis and heart rhythm in children. Leading clinical symptoms and syndromes in extrasystole, paroxysmal tachycardia, atrial fibrillation, complete atrioventricular block. Clinical variants of paroxysmal tachycardia and atrial fibrillation in children. Data of instrumental studies in extrasystole, paroxysmal tachycardia, atrial fibrillation, complete atrioventricular block. Emergency care for paroxysmal rhythm disturbances and Morgan-Adams-Stokes syndrome.	-	6	2
Topic 5. Causes of abdominal pain, main characteristics of abdominal pain depending on the cause. Tactics of managing a child with abdominal pain. Algorithm for examining a child with abdominal pain. Differential diagnosis of functional and organic diseases of the gastrointestinal tract in children. Acute abdomen.	-	6	2
Topic 6: Abdominal pain not related to gastrointestinal pathology.	-	6	2
Topic 7. Differential diagnosis of jaundice. Characteristics of jaundice depending on the type and mechanism of development. Clinical and laboratory signs of haemolytic anaemia. Diseases of the hepatobiliary system in children. Leading clinical symptoms and syndromes in biliary dyskinesia, acute and chronic cholecystitis and chronic hepatitis in children. Clinical variants of biliary dyskinesia, acute and chronic cholecystitis and chronic hepatitis in children. Portal hypertension syndrome. Emergency care in acute liver failure.		6	2
Topic 8: Fever syndrome in paediatric practice. Differential diagnosis of fever. Supervision of patients.	-	6	2
Topic 9: Spotted-papular rash in children, infectious and non-infectious causes. Atopic dermatitis. Erythroderma. Rash as a		3	2

manifestation of systemic diseases.			
Topic 10. Vesiculo-bullous rash and children. Infectious and non-infectious causes. Burns by plants. Congenital bullous epidermolysis.		3	4
Topic 11. Headache in paediatric practice.	-	3	2
Topic 12: Differential diagnosis of convulsive syndrome. Principles of therapy.		3	2
Topic 13. Overview of key issues and assessment of adolescents. Caring for adolescents. Substance abuse.		3	3
Topic 14: Major psychiatric disorders and paediatrics. Autism spectrum disorders and schizophrenia. Anxiety disorders. Depressive and bipolar disorders. Obsessive-compulsive disorder Somatic symptoms and related disorders. Somatic symptoms in psychological and psychiatric disorders. Agitation, manipulation, simulation and delegated Munchausen syndrome in children.		3	5
Topic 15. Metabolic disorders, differential diagnosis of metabolic disorders.		3	5
Topic 16. Psychosocial issues in paediatrics. Child abuse and neglect, violence. Homosexuality and sexual identity. Family structure and functions. Divorce, separation, deprivation of custody.	-	3	5
Examination			
Total		**72**	**44**
Total for the discipline	**18**	**166**	**146**

7 Signs of discipline

Duration of teaching	Semestr	International disciplinary integration	Course (year of study)	Cycles
3 years	VIII, X, XII	Yes	8, 10, 12	Professional training cycle

8 Evaluation system and requirements

Current control is carried out on the basis of control of theoretical knowledge, practical skills and abilities. The forms of current control are: oral questioning (frontal, individual, combined), interview; practical testing of the formed professional skills (conducted on the basis of the results of solving clinical cases, working with medical documentation, performing practical skills, working at the patient's bedside); test control ("open" and "closed" test tasks).

Ongoing control is mandatory. When assessing the mastery of each topic in all disciplines of the curriculum, the student is given grades on a 4-point (traditional) scale for current learning activities, taking into account the approved assessment criteria for the discipline. All types of work provided by the curriculum are taken into account. The student must receive a grade for each topic. The teacher conducts a survey of each student in the group at each lesson and gives a grade in the student's attendance and progress record on a traditional scale ("5", "4", "3", "2").

When assessing a student's current learning activities, 20% of the grade is based on the student's independent work, which takes into account the knowledge of the topic of the independent lesson and the work in the notebook.

The final (summative) control is carried out

- in the form of a written test, which includes test tasks, theoretical questions
- control of practical skills (solving clinical cases, defence of medical history, assessment of the correctness of practical skills - a practice-oriented exam.

In accordance with the specifics of professional training, preference is given to test and practice-oriented control.

Form of final control of learning progress.

The final control of the discipline is based on the control of theoretical knowledge, practical skills and abilities.

A test is a form of final control, which consists in assessing the student's mastery of the educational material solely on the basis of the results of performing certain types of work in practical, seminar or laboratory classes. A semester test in a discipline is conducted after the end of its study, before the start of the examination session.

An exam is a form of final control of a student's mastery of theoretical and practical material in a discipline.

QR Code: https://ieu.edu.ua/docs/pol-ornzvoems.pdf

9 Conditions for admission to the final control

Students who have completed all types of work and assignments provided for in the curriculum for the semester in accordance with the discipline, attended all classes provided for in the curriculum, written and submitted a medical history and have an average score for current academic activities of at least "3" (72 points on a 120-point scale) are admitted to the semester final control.

QR Code: https://ieu.edu.ua/docs/pol-ornzvoems.pdf

10 Discipline policy

A prerequisite for a successful educational process is personal compliance by each student of a higher education institution with the rules of conduct accepted both at the university and in society. The future doctor must have a high level of behavioural culture, behave with dignity, tact, and self-control.

The student must be on time for classes and wear academic medical uniform (white coat or surgical suit). The student must adhere to the schedule of the educational process, come to class prepared on the topic of the class. During the class, the student must not leave the classroom without the permission of the teacher; use a mobile phone and other means of communication and information without the permission of the teacher, engage in outside activities, distract other students. When writing different types of papers, students must adhere to the rules of academic integrity.

The teacher must adhere to the implementation of the curriculum, objectively assess students' knowledge and skills. During the educational process, the teacher must be aware of anti-corruption measures and not engage in corrupt activities.

11 Policy on absences and late assignments

A student who, for valid reasons, confirmed by documentary evidence, was not subject to current control has the right to pass the current control within two weeks after returning to study.

A student who was absent from classes without valid reasons, did not participate in the current control activities, did not eliminate academic debt, is not allowed to take the final semester control of knowledge in this discipline, and on the day of the exam, the academic staff member gives the grade "not admitted" in the examination record. Retaking the differentiated test in the discipline is assigned subject to the completion of all types of educational, independent (individual) work provided for in the working curriculum of the discipline and is carried out in accordance with the schedule of liquidation of academic debt approved by the directorate.

QR Code: https://ieu.edu.ua/docs/pol-ornzvoems.pdf

12 Academic integrity policy

Participants in the educational process are guided by the principles of academic integrity

QR Code: https://ieu.edu.ua/images/AndreyContent/docs/16.pdf

13 Recommended sources of information

Basic:

1. Nelson's Fundamentals of Paediatrics: translation of the 8th English edition: in 2 volumes. Volume 1 / Karen J. Markdante, Robert M. Kligman - K.: VSV "Medicine", 2019. - XIV, 378 p.
2. Paediatrics. National textbook for higher medical education institutions, edited by Prof. Kriuchko T.O.; Abaturova O.E. - 3rd edition revised and supplemented. Kyiv: VSV "Medicine", 2020. - 224 p.
3. Paediatrics. Textbook for students of higher medical education institutions of IV accreditation level / Edited by Prof. O. V. Tyazhka / 5th edition. - Vinnytsia: Nova Knyha, 2018. - 1152c.
4. Paediatrics: National textbook: in 2 volumes. Volume 1. Edited by Professor V.V. Berezhnyi, Kyiv, 2013. 1040 p.
5. Paediatrics: National textbook: in 2 volumes. Volume 2, edited by Professor V.V. Berezhnyi, Kyiv, 2013. 1024 p.

Auxiliary:

1. Paediatrics, children's infections in questions and answers: a textbook. - Ternopil: TSMU: Ukrmedkniga, 2019. - 307 c.
2. Modern approaches to vaccine prevention of infectious diseases of children and adults printed. Study guide for students of 4, 6 courses of medical faculties, as well as interns, paediatricians, family doctors.
3. Infectious Diseases in Children: Textbook / L.I. Chernyshova et al. edited by L.I. Chernyshova - K.: VSV "Medicine", 2016. 1016 p. + 6 p. colour in.
4. Infectious diseases in children / Edited by S.O. Kramarev and O.B. Nadraga - Moscow: Medicine, 2016. 392 p.
5. Nephrology of childhood: a textbook / T.V. Stoeva [et al. Stoeva [et al. Stoyeva. - Odesa: Politekhperiodyka, 2018. - 181 p. : tab., ill, photo, colour.
6. Emergency Medicine. Emergency (ambulance) medical care: national textbook for postgraduate students, doctors, interns and students of higher medical schools of the IV level of accreditation / I. S. Zozulia [et al. - 3rd ed. - Kyiv : Medicine, 2017. - 958 p. : ill, tab.
7. Emergency conditions in paediatric practice: a textbook for students of higher medical schools, interns / Yu. Marushko et al. - Kyiv : Medicine, 2020. - 400 p. : tab.
8. Paediatric nephrology : a study guide for interns, paediatric nephrologists, doctors attending postgraduate education institutions / D.D. Ivanov. - Dnipropetrovs'k: Serednyak T.K., 2014. - 323 p. : tab.
9. Paediatrics : a textbook. [for students of medical schools of III-IV accreditation levels]: in 2 volumes / M.L. Aryaev, N.V. Kotova, N.Y. Hornostaeva, Y.V. Desyatska, L.E. Kaplina et al: ONMedU, 2014 - Vol. 1: Neonatology. Haematology. Endocrinology. - 2014. - 154 p. : tab.
10. Paediatrics : a textbook. [for students of medical schools of III-IV accreditation levels]: in 2 volumes / M.L. Aryaev, N.V. Kotova, N.Y. Hornostaieva, Y.V. Desyatska, L.E. Kaplina et al: ONMedU, 2014 - Vol. 2: Diseases of young children. Pulmonology. Allergology. Cardiology. Gastroenterology. Nephrology. HIV infection. Primary health care. - 2014. - 311 p. : ill., tab.
11. Propedeutic pediatrics: a textbook for students of higher medical schools of IV accreditation level / V. G. Maidannik [et al. - Vinnytsia: Nova Knia, 2018. - 871 p. : tab.
12. Clinical examination of a child: a textbook for students of higher educational institutions / Katilov O. V. [et al: Nova Knia, 2019. - 518 p. : tab.

Перелік наказів Міністерства охорони здоров'я України:

1. Order No. 362 of the Ministry of Health of Ukraine "On Approval of Protocols for Diagnosis and Treatment of Cardio-Rheumatological Diseases in Children" of 19.07.2005.
2. Order of the Ministry of Health of Ukraine of 22.10.2012 No. 832
"Unified clinical protocol of medical care for children with juvenile arthritis"
3. Order No. 9 of the Ministry of Health of Ukraine "On Approval of Protocols for Diagnosis and Treatment of Rickets in Children" of 10 January 2005.
4. Order No. 59 of the Ministry of Health of Ukraine "On Approval of Unified Clinical Protocols for Medical Care for Children with Digestive Diseases" of 29.01.2013.
5. Order No. 868 of the Ministry of Health of Ukraine "Unified clinical protocol of primary, secondary (specialised) medical care for bronchial asthma in children" of 08 October 2013
6. Order No. 670 of the Ministry of Health of Ukraine "Unified clinical protocol of primary, secondary (specialised), tertiary (highly qualified) medical care atopic dermatitis in children" of 04.07.2016
7. Order No. 627 of the Ministry of Health of Ukraine "On Approval of the Protocol for the Treatment

of Children with Urinary System Infections and Tubulointerstitial Nephritis" of 03.11.2008.
8. Order No. 436 of the Ministry of Health of Ukraine "On Approval of Clinical Protocols for the Treatment of Children in the Speciality of Paediatric Nephrology" of 31.08.2004

Інформаційні ресурси: Coursera
Lecturesbywo rld- classprofessorsa ndreinforcedthro ughinteractiveex ercises. coursera.org
CSurgeries
Libraryofsurgicalprocedurescreatedbysurgeonsf orsurgeons. csurgeries.com
DNA Tube
Videos, animations, andslideshowsfromscientificstudies, lectures, andseminars. dnatube.com
EyeTube Highqualityophthalmicsurgicalvideosandpanel discussions. eyetube.net
FreeMedicalVideos Archiveofpopularandengagingmedicalvideosfromaroundt heInternet. freemedicalvideos.com
FutureLearn: HealthcareandMedicine
Offers a diverseselectionofcoursesfromleadingEuropeanuniversit ies. futurelearn.com -
GeekyMedics
Freevideos, revisionnotes, OSCE guides, andMCQsformedicalstudents. geekymedics.com GrepMed
Community- sourcedmedicalimageandvideorepository. grepmed.com
HealthTalk.org Videosofpatientssharingreallifeexperienceswithvarioushealthc onditions. healthtalk.org
KhanAcademy Academicvideosandlecturesonmedicineandthehealthc aresystem. khanacademy.org
MayoClinicVideos SurgicalprocedurevideosandinterviewswithMayoClinicdoctors, sortedbyspecialty. medprofvideos.mayoclinic.org MedicalVideos.com
Libraryofmedicalvideoscoveringeverythingfromanesthesiatovascular x- rayimaging. medicalvideos.com
MedscapeVideo Expertinterviewsandperspectivesaswellasproce durevideos. medscape.com
MEDtube Educationplatformofferingthousandsofvideosforhealthcarepr ofessionals. medtube.net
MIT OpenCourseWare Lecturesandcoursematerialsforstudents, teachers, andself-learners. ocw.mit.edu
OnlineMedEd
70+ hoursofwhiteboardlessonscovering 250+ topicsacross

14 Tips for successful studying on the course

If you want to be successful in this discipline, you need to:
1. Be active, persistent, inquisitive, consistent
2. Be tidy and polite
2. Systematically prepare for practical classes
3. Perform tasks for independent work and defend them in class.
3. To be present at the class in a medical gown
4. To solve tests and tasks independently, to work actively in class.
5. Prepare presentations and crosswords on the discipline. Participate in student scientific conferences and engage in research work in the department's scientific circles.

I wish you perseverance, dedication and motivation to learn. And then success will come to you! See you in class!
Don't forget your medical gowns!