

DISCIPLINE SHEET**ACADEMIC YEAR****2022-2023****1. DATA ABOUT THE STUDY PROGRAM**

1.1 Institution of higher education	UNIVERSITY OF MEDICINE AND PHARMACY OF CRAIOVA
1.2 Faculty	MEDICINE
1.3 Department	8
1.4 Study Domain	HEALTH
1.5 Study cycle	LICENCE
1.6 Study program/ Qualification	Medicine

2. DATA ABOUT THE DISCIPLINE

2.1 DISCIPLINE NAME		PEDIATRICS SURGERY.PEDIATRIC ORTHOPAEDIC		
2.2. Discipline code		MED5204		
2.3 The holder of course activities		Ovidiu Ciobanu / Andrei Zavate / Alin Stoica		
2.4 The holder of seminar activities		Ovidiu Ciobanu / Andrei Zavate / Alin Stoica		
2.5.Academic degree		Course: Assoc.Prof./ Lecturer/ Lecturer Seminar activities: Assoc.Prof./ Lecturer/Assistant Prof. /Assistant Prof.		
2.6. Employment (base norm/associate)		base norm		
2.7. Year of study	V	2.8. Semester	II	2.9. Course type (content) 2.10. Regime of discipline (compulsoriness)
				CSD

3. THE ESTIMATED TOTAL TIME (teaching hours per semester)

3.1 Number of hours per week	2.6	3.2 From which course	1	3.3 seminary/laboratory	1.6
3.4 Total hours in curriculum	36.4	3.5 From which course	14	3.6 seminary/laboratory	22.4
Time found distribution (hours)					
Study from manual, course support, bibliography, and notes					3.2
Additional documentation in the library, specialized electronic platforms and, on the field					2
Training seminars / labs, homework, reports, portfolios, and essays					3
Tutoring					2,2
Examinations					2
Other activities, counselling, student scientific programs					1.2
3.7 Total hours of individual study	13,6				
3.9 Total hours per semester	50				
3.10 Number of credits	2				

4. PREREQUISITES (where appropriate)

4.1 curriculum	Students must have knowledge of anatomy, physiology, semiology and pathology and pediatrics
4.2 competency	

5. CONDITIONS (where appropriate)

5.1. of course deployment	Course hall with video projection / online environment.
5.2. of seminary/ lab deployment	Hospital ward / online environment.

6. SPECIFIC COMPETENCES ACCRUED

PROFESSIONAL COMPETENCES	C1 – To identify the status of disease and to establish the correct diagnosis of the condition (disease).
	C2 – To be able to administer the treatment
	C4 - to address your health issues from the perspective of community specifics, directly related to the social, economic and / or their cultural collectivities that.
	C5 - to initiate and conduct a scientific research and / or formatted in its field of competence

TRANSVERSAL COMPETENCES	<p>CT1. Autonomy and responsibility</p> <ul style="list-style-type: none"> the acquisition of moral reference points, the formation of professional and civic attitudes, that will allow to the students to be fair, honest, helpful, understanding, nonconflictual, to cooperate and to be comprehensive in the face of suffering, to be available to help people, and to be interested in community development; to know, to respect and to contribute to the development of moral values and professional ethics; to learn how to recognize the problems when they arise, and provide solutions for solving them. <p>CT2. Social interaction</p> <ul style="list-style-type: none"> to recognize and to have respect for diversity and multiculturalism; to have or to learn how to develop teamwork skills; to communicate orally and in writing the manner of work requirements, the obtained results, to consult with the team; to engage themselves in voluntary activities, to know the essential problems of the community. <p>CT3. Personal and professional development</p> <ul style="list-style-type: none"> to have opening to lifelong learning, to be aware for self-study as a basis of personal autonomy and professional development; to derive the optimum and creative potential in their own collective activities; to know how to use information and communication technologies.
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7. DISCIPLINE OBJECTIVES (based on the grid of specific competences acquired)

7.1 The general objective of the discipline	<p>The overall objective of the discipline of Pediatric Surgery Course objective is to provide students of the fifth year, information and logistical support to understand and diagnose the main problems of children requiring surgical treatment:</p> <ul style="list-style-type: none"> - Acquiring the knowledge necessary surgical pathology, and tumor malformative child - Acquiring the necessary knowledge about pediatric traumatology (visceral trauma, orthopedic trauma and burns)
7.2 The specific objectives of the discipline	<p>The curricula adapted to European standards of quality, teaching methods and evaluation used by student involvement in research and evaluation of patients, pediatric surgery discipline aims to train skills and skills that form the basis of any medical act preventively, diagnostic, curative and rehabilitation. Upon completion of student discipline (a) will be able (a) to acquire</p> <p>Cognitive skills that will enable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> hold notions of classification diagnosis and therapeutic management of congenital malformations <input type="checkbox"/> hold notions about the diagnosis and therapeutic management of surgical alpatologiei child <input type="checkbox"/> hold notions about the diagnosis and therapeutic management of pediatric traumatology visceral <input type="checkbox"/> hold notions about the diagnosis and therapeutic management of pediatric orthopedic traumatology <input type="checkbox"/> hold notions about the diagnosis and therapeutic management of benign and malignant pathology in children <input type="checkbox"/> hold notions about the diagnosis and therapeutic management of burns in children <input type="checkbox"/> integrate theoretical and practical knowledge gained in the discipline of pediatric surgery with those obtained from other disciplines and use them as a platform for clinical training; <input type="checkbox"/> communicate clearly, rigorous knowledge gained and the results obtained; <input type="checkbox"/> issue hypotheses and verify by experiment. <p>practical skills</p> <ul style="list-style-type: none"> <input type="checkbox"/> organize clinical rotations; to form a team, share tasks, collaborate, communicate requirements, prepare materials, to follow a given protocol, record the results, communicating results to discuss the team; <input type="checkbox"/> examine clinically correct patient pediatric surgical pathology <p>The curricula adapted to European Standards of quality, teaching and evaluation Methods used by Student Involvement in research and evaluation of the patient's, pediatric surgery AIMS discipline to train skills and skills form the basis of any That act preventively medical,</p>

	<p>diagnostic, curative and rehabilitation. Upon completion of student discipline (a) Will Be Able (a) to acquire</p> <p>Cognitive Skills That Will Enable:</p> <ul style="list-style-type: none"> <input type="checkbox"/> hold Notions of classification diagnosis and therapeutic management of congenital malformations <input type="checkbox"/> hold Notions about the diagnosis and therapeutic management of surgical alpatologiei child <input type="checkbox"/> hold Notions about the diagnosis and therapeutic management of pediatric traumatology visceral <input type="checkbox"/> hold Notions about the diagnosis and therapeutic management of pediatric orthopedic traumatology <input type="checkbox"/> hold Notions about the diagnosis and therapeutic management of benign and malignant pathology in children <input type="checkbox"/> hold Notions about the diagnosis and therapeutic management of burns in children <input type="checkbox"/> Theoretical and practical integrated knowledge gained in the discipline of pediatric surgery with Those obtained from other disciplines and Use Them as a platform for clinical training; <input type="checkbox"/> Clearly communicated, rigorous knowledge gained and the results obtained; <input type="checkbox"/> issue Hypotheses and verify by experiment. <p>practical skills</p> <ul style="list-style-type: none"> <input type="checkbox"/> organize clinical rotations; to form a team, share tasks, collaborate, communicated Requirements, prepare materials, Given to follow the protocol, record the results, communicating results to discuss the team; <input type="checkbox"/> examine clinically correct patient pediatric surgical pathology
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8. CONTENTS

8.1 Course (content units)	Hours
1. Particularities of the surgery in children. Malformations of the face and neck	2
2. Breast pathology. Pathology of the chest. Abdominal wall pathology.	2
3. Congenital diaphragmatic hernia. Pathology of the esophagus.	2
4. Hypertrophic pyloric stenosis. Duodenal atresia and stenosis. Biliary pathology. Hydatid cyst.	2
5. Congenital malformations of the intestine. Occlusions in children. Intussusception. Meckel diverticulum pathology. Congenital megacolon. Ano-rectal malformations.	2
6. The pathology of male and female genitalia. Urinary tract pathology	2
7. Musculoskeletal pathology	2
TOTAL	2
BIBLIOGRAPHY	
Patologie Chirurgicala Pediatrica - ed. AIUS 2008. ISBN: 978-973-1-1780-73-3	
2. Tratat de patologie chirurgicala, sub redactia Prof. Irinel Popescu, Editura Academiei, 2008, ISBN: 978-973-27-1580-2	
3. Caiet de stagiul clinic de chirurgie și ortopedie pediatrică sub redacția Prof. Dr. Corneliu Sabetay. Editura Medicală Universitară, Craiova 2010 ISBN – 973-8354-95-1	
4. Zavate AC, Sabetay C, Ciobanu OM. - Curs de chirurgie pediatrică Aius PrintEd, Craiova : 2017 ISBN 978-606-562-644-7	
5. Zavate AC, Sabetay C, Ciobanu OM. - Testiculul necoborât la copil- aspecte clinico-terapeutice- Ed. AIUS 2017 ISBN 978-606-562-650-8	
6. Ashcraft K. W., Holcomb G. W., and Murphy j. P. - Pediatric Surgery - W. B. Saunders, 2010	
7. O'Neill JA, Grosfeld JL, Fonkalsrud EE, Coran AG, Caldamone AA, Principals of pediatric surgery 2nd Edition Mosby - Year Book, Inc. St. Louis, 2003, 565-572	
8.2 Practical work (topics / themes)	
1. COP LP1. Observation Chart in Pediatric Surgery. Examination of the abdomen in patients with abdominal pathology. Examination in patients with orthopedic pathology. Case presentations.	2,8
2. COP LP2. Pathology of the processus vaginalis. Genital malformations in boys and girls. Case presentations.	2,8
3. COP LP3. Appendicitis in children (infant and young child). Occlusions in children (causes, peculiarities). Peritonitis in children (causes - primitive and secondary). Digestive bleeding. Case presentations.	2,8
4. COP LP4. Urinary tract malformations. Investigations in patients with urological disorders. Case presentations	2,8
5. COP LP5. Congenital malformations of the head, face, neck, chest. Case presentations.	2,8

6. COP LP6. Tumors in children (benign, malignant). Child burns. Venous catheterization in children. Case presentations.	2,8
7. COP LP7. Peculiarities of fractures in children. Aseptic osteonecrosis. Case presentations.	2,8
8. COP LP8. Congenital clubfoot. Congenital hip dysplasia and hip dislocation. Case presentations.	2,8
TOTAL	22,4
BIBLIOGRAPHY	
1. Patologie Chirurgicala Pediatrica - ed. AIUS 2008. ISBN: 978-973-1-1780-73-3 2. Tratat de patologie chirurgicala, sub redactia Prof. Irinel Popescu, Editura Academiei, 2008, ISBN: 978-973-27-1580-2 3. Caiet de stagiul clinic de chirurgie și ortopedie pediatrică sub redacția Prof. Dr. Corneliu Sabetay. Editura Medicală Universitară, Craiova 2010 ISBN – 973-8354-95-1 4. Zavate AC, Sabetay C, Ciobanu OM. - Curs de chirurgie pediatrică Aius PrintEd, Craiova : 2017 ISBN 978-606-562-644-7 5. Zavate AC, Sabetay C, Ciobanu OM. - Testiculul necoborât la copil- aspecte clinico-terapeutice- Ed. AIUS 2017 ISBN 978-606-562-650-8 6. Ashcraft K. W., Holcomb G. W., and Murphy j. P. - Pediatric Surgery - W. B. Saunders, 2010 7. O'Neill JA, Grosfeld JL, Fonkalsrud EE, Coran AG, Caldamone AA, Principals of pediatric surgery 2nd Edition Mosby - Year Book, Inc. St. Louis, 2003, 565-572	

9. CORROBORATING THE DISCIPLINE CONTENT WITH THE EXPECTATIONS OF EPISTEMIC COMMUNITY REPRESENTATIVES, PROFESSIONAL ASSOCIATIONS AND EMPLOYEE REPRESENTATIVES RELATING TO THIS PROGRAM

<input type="checkbox"/> Pediatric surgery discipline is a special discipline, compulsory for the student academic preparation to obtain a medical degree
<input type="checkbox"/> Pediatric Surgery covers surgical the study of childhood surgical pathology (0-16 years or pupils over the age of 16, until graduation) except, neurosurgery and cardiovascular pathology in children.

10. METHODOLOGICAL LANDMARKS

Types of activity	Teaching Techniques / learning materials and resources:
Course	The use of combined methods: lecture, discussion, problem
Practical work	The use of combined methods: practical applications, case studies, projects
Individual study	Before each course and each practical work

11. RECOVERY PROGRAM

Absences recoveries	No. absences that can recover	Location of deployment	Period	In charge	Scheduling of topics
	3	Paediatric surgery department	Friday	Teaching assistant of the group	2 themes/day
Schedule consultations / Students' Scientific Program	2 hours / week / teacher	Paediatric surgery department	weekly	All the teaching stuff	The theme from the current week
Program for students poorly trained	2 hours / week	Paediatric surgery department	weekly	All the teaching stuff	The theme from the current week

12. ASSESMENT

Activity	Types of assesment	Methos of evaluation	Percentage from final grade
Lecture	Formative evaluation through essays, projects and survey during the semester Summative during the exam	Multiple choice type exam / Multiple choice system with the help of the computer platform in the online version.	60%
Practical work	Formative evaluation through multiple choice tests and / or descriptive written projects, survey during the semester. Periodic evaluation during the semester, Summative during the exam.	Multiple choice type exam / Multiple choice system with the help of the computer platform in the online version	20%
Periodic assesment			10%
Assement of individual activities			10%
Minimum performance standard	Minimum 50% for each component of the evaluation		

13. GUIDANCE AND COUNSELLING PROGRAMS		
Professional guidance and counselling programs (2 hours/monthly)		
Scheduling the hours	Location	In charge
Last Friday of each month	Paediatric surgery department	All the teaching staff

Endorsement date in the department: 04.09.2020

**Department Director,
Prof. Nicolae CERNEA**

**Coordinator of study program,
Prof. Marius Eugen CIUREA**

**Discipline holder,
Asoc.Prof. Mircea Ovidiu CIOBANU**