

COURSE INFORMATION

| Course Title | <i>Code</i> | <i>Semester</i> | <i>Lecture+Practice+Labrotory Hour</i> | <i>Credits</i> | <i>ECTS</i> |
|--|-------------|-----------------|--|----------------|-------------|
| Child Health and Pediatrics (Clinical Internships) | MED 601 | 6/11-12 | 240 | 10 | 10* |

* ECTS credits are the university credits of the courses in Yeditepe University, Faculty of Medicine, Undergraduate Medical Education Program

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| Prerequisites | The student that joins this course, should have at least the Phase 5 knowledge level in medical faculty. |
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| Language of Instruction | English |
| Course Level | Second-cycle higher education (i.e. QF-EHEA-2, EQF-LLL-7, TYÇ-7) with Master's Degree/ "Regulated Professions" legislation by EU 2005/36/EC Directive |
| Course Type | Compulsory |
| Course Coordinator | Prof. Meltem Uğraş, MD. |
| The instructors | <p align="center"> Filiz Bakar, MD, Prof. Ruhan Düşünsel, MD Prof, Haluk Topaloğlu, MD, Prof. Meltem Uğraş, MD, Prof. Hülya Ercan Sarıçoban, MD, Prof. Nevin Yalman, MD, Prof. Sabri Kemahlı, MD, Prof. Ayça Vitrinel, MD, Prof Reha Cengizlier , MD, Prof Kazım Öztarhan, MD, Prof Mustafa Berber, MD. Assist. Prof. Endi Romano, MD, Assist. Prof. Seyhan Perihan Saf, MD, Assist. Prof. Elif Sağsak, MD Lecturer Ferhan Meriç , MD, Lecturer Tuba Giray, MD. Lecturer Fatma Tuba Coşkun, MD, Lecturer Çiğdem Yanar Ayanoğlu, MD, Lecturer Çetin Timur, MD, Lecturer </p> |
| Assistants | - |
| Goals | The aim of the phase 6 Pediatrics Program is to graduate medical doctors who are aware of the pediatric health priorities; can manage pediatric health problems and perform the necessary preventive health care implementations in a primary care setting; practice their profession following ethical principles, using up-to-date and evidence based scientific knowledge. |
| Content | Working hours are from 08.30 to 16.30. Training of interns is carried out as shown in the schedule. Every intern is responsible to take part in each task of 3 or 5 of patients assigned to him/her. Obtaining an accurate history of the patient (anamnesis), physical examination, preparing the patient's file, organization of the laboratory and radiological examinations, preparing the schedule of treatment, presentation of the patients during case studies and lectures, and to summarize the important aspects of the history, physical exam and supporting lab tests and formulate a differential diagnosis as well as a plan of action that addresses both the diagnostic and therapeutic approach to the patient's problems are the important mile-stones of the daily tasks. Intern students of the pediatrics have to be on duty in clinics and/or emergency 3-days a week. The interns on duty, which are working under the responsibility and supervision of the physicians and specialist, are the first person in providing the medical aid and personal wishes of the inpatients. Intern medical students on duty are free in the following afternoon. The interns working in the outpatient clinics have clinical responsibilities, including medication and follow-up the patients. |

COURSE CONTENT

For further details please see Academic Program Book of Phase IV

https://med.yeditepe.edu.tr/sites/default/files/donem_vi_2021-27.12.2021v7.pdf

| | Day1 | Day2 | Day3 | Day4 | Day5 |
|---------------|--|--|--|--|--|
| 09.00 - 09.50 | Initial Session Perihan Çobanoğlu Saf Kozyatağı/ Conference Room | Inpatient Visit | Inpatient Visit | Inpatient Visit | Inpatient Visit |
| 10.00 - 10.50 | Initial Session Hülya Ercan Sarıçoban | Multidisciplinary Case Discussion | Multidisciplinary Case Discussion | Symptom-Based Diagnosis-Treatment Learning Session Ayça Vitrinel | Multidisciplinary Case Discussion |
| 11.00 - 11.50 | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Symptom-Based Diagnosis-Treatment Learning Session Ayça Vitrinel | Outpatient Clinic |
| 12.00 - 12.50 | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic |
| 13.00 - 13.50 | Lunch Break | Lunch Break | Lunch Break | Lunch Break | Lunch Break |
| 14.00 - 14.50 | Outpatient Clinic | Literature Discussion | Intern Seminar Presentation | Symptom-Based Diagnosis-Treatment Learning Session Reha Cengizlier | Outpatient Clinic |
| 15.00 - 15.50 | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Symptom-Based Diagnosis-Treatment Learning Session Reha Cengizlier | Outpatient Clinic |
| 16.00 - 16.50 | Free Study Time | Free Study Time | Free Study Time | Free Study Time | Free Study Time |
| | Day1 | Day2 | Day3 | Day4 | Day5 |
| 09.00-09.50 | Inpatient Visit | Inpatient Visit | Inpatient Visit | Inpatient Visit | Inpatient Visit |
| 10.00-10.50 | Multidisciplinary Case Discussion | Multidisciplinary Case Discussion | Multidisciplinary Case Discussion | Symptom-Based Diagnosis-Treatment Learning Session Ayça Vitrinel | Multidisciplinary Case Discussion |
| 11.00-11.50 | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Symptom-Based Diagnosis-Treatment Learning Session Ayça Vitrinel | Outpatient Clinic |
| 12.00-12.50 | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic |
| 13.00-13.50 | Free Study Time | Free Study Time | Free Study Time | Free Study Time | Free Study Time |
| 14.00-14.50 | Outpatient Clinic | Literature Discussion | Intern Seminar Presentation | Symptom-Based Diagnosis-Treatment Learning Session Reha Cengizlier | Outpatient Clinic |
| 15.00-15.50 | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Symptom-Based Diagnosis-Treatment Learning Session Reha Cengizlier | Outpatient Clinic |
| 16.00-16.50 | Free Study Time | Free Study Time | Free Study Time | Free Study Time | Free Study Time |
| | Day1 | Day2 | Day3 | Day4 | Day5 |
| 09.00-09.50 | Inpatient Visit | Inpatient Visit | Inpatient Visit | Inpatient Visit | Inpatient Visit |
| 10.00-10.50 | Multidisciplinary Case Discussion | Multidisciplinary Case Discussion | Multidisciplinary Case Discussion | Symptom-Based Diagnosis-Treatment Learning Session Ayça Vitrinel | Multidisciplinary Case Discussion |
| 11.00-11.50 | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Symptom-Based Diagnosis-Treatment Learning Session Ayça Vitrinel | Outpatient Clinic |
| 12.00-12.50 | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic |
| 13.00-13.50 | Lunch Break | Lunch Break | Lunch Break | Lunch Break | Lunch Break |
| 14.00-14.50 | Outpatient Clinic | Literature Discussion | Intern Seminar Presentation | Symptom-Based Diagnosis-Treatment Learning Session Reha Cengizlier | Outpatient Clinic |
| 15.00-15.50 | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Symptom-Based Diagnosis-Treatment Learning Session Reha Cengizlier | Outpatient Clinic |
| 16.00-16.50 | Free Study Time | Free Study Time | Free Study Time | Free Study Time | Free Study Time |

Content

| | Day1 | Day2 | Day3 | Day4 | Day5 |
|-------------|-----------------------------------|-----------------------------------|-----------------------------------|---|-----------------------------------|
| 09.00-09.50 | Inpatient Visit | Inpatient Visit | Inpatient Visit | Inpatient Visit | Inpatient Visit |
| 10.00-10.50 | Multidisciplinary Case Discussion | Multidisciplinary Case Discussion | Multidisciplinary Case Discussion | Symptom-Based Diagnosis-Treatment Learning Session Ayça Vitrinel | Multidisciplinary Case Discussion |
| 11.00-11.50 | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Symptom-Based Diagnosis-Treatment Learning Session Ayça Vitrinel | Outpatient Clinic |
| 12.00-12.50 | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic |
| 13.00-13.50 | Lunch Break | Lunch Break | Lunch Break | Lunch Break | Lunch Break |
| 14.00-14.50 | Outpatient Clinic | Literature Discussion | Intern Seminar Presentation | Symptom-Based Diagnosis-Treatment Learning Session Reha Cengizlier | Outpatient Clinic |
| 15.00-15.50 | Outpatient Clinic | Outpatient Clinic | Outpatient Clinic | Symptom-Based Diagnosis-Treatment Learning Session Reha Cengizlier | Outpatient Clinic |
| 16.00-16.50 | Free Study Time | Free Study Time | Free Study Time | Free Study Time | Free Study Time |

| Learning Outcomes | Program Learning Outcomes' | Teaching Methods | Assessment Methods |
|---|----------------------------|------------------|--------------------|
| At the end of the pediatric internship program the students should be able to, | | | |
| plan the diagnostic process and treatment for childhood diseases | 1,1,3 | 2,3 | B,C |
| treat the diseases that are commonly seen among children in primary health care | 1,1,8 | 2,3 | B,C |
| refer the patients whose diagnosis, treatment and follow-up cannot be managed by primary health care | 1,1,7 | 2,3 | B,C |
| ask for consultation from other medical specialties | 1,2,2 | 2,3 | B,C |
| manage well child follow-up and vaccination | 1,1,10 | 2,3 | B,C |
| counsel preventive health care issues | 1,1,1 | 2,3 | B,C |
| keep up-to-date about the improvements in the field of Pediatrics | 1,1,10 | 2,3 | B,C |
| work in accordance with the law and ethics | 2,1,1 | 2,3 | B,C |
| communicate effectively with patients, patients relatives, colleagues and other healthcare personnel | 1,2,1 | 2,3 | B,C |
| manage pediatric emergency cases | 1,1,5 | 2,3 | B,C |
| take history from healthy and sick children | 1,1,4 | 2,3 | B,C |
| perform physical examination | 1,1,5 | 2,3 | B,C |
| make tests when necessary | 1,1,11 | 2,3 | B,C |
| evaluate the results of laboratory and imaging tests make differential diagnosis and therapeutic approach | 1,1,9 | 2,3 | B,C |
| follow-up growth and development in all age groups of pediatric patients | 1,1,11 | 2,3 | B,C |
| perform anthropometric measures | 1,1,5 | 2,3 | B,C |
| evaluate the results of the measurements comparing with the percentiles on growth charts | 1,1,2 | 2,3 | B,C |

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| counsel the family about nutrition and vaccination | 1,1,10 | 2,3 | B,C |
| follow-up patients with chronic diseases | 1,1,11 | 2,3 | B,C |
| guide the patients with chronic diseases | 1,1,11 | 2,3 | B,C |
| perform resuscitation of newborn, infant and children | 1,1,3 | 2,3 | B,C |
| keep records in regard to primary care according the official and legal requirements | 2,1,1 | 2,3 | B,C |
| use the data processing system in the patient records | 1,1,12 | 2,3 | B,C |
| follow up-to-date knowledge on Pediatrics | 3,1,1 | 2,3 | B,C |
| search the literature | 1,5,1 | 2,3 | B,C |
| use at least one foreign language to communicate with both the child and families that do not speak Turkish | 1,5,1 | 2,3 | B,C |
| know at least one foreign language to follow medical literature | 3,1,3 | 2,3 | B,C |
| make presentations to his/her colleagues about the patients he/she has followed | 3,3,1 | 2,3 | B,C |
| contribute scientific studies on medical literature | 1,5,1 | 2,3 | B,C |
| refer the patients that cannot be managed in a primary healthcare unit to an upper healthcare center | 1,3,1 | 2,3 | B,C |
| communicate with the patients' parents during examination, laboratory testing, consultation and treatment steps of the sick child | 1,1,4 | 2,3 | B,C |
| take informed consent from patients' parents and/or the patient | 1,1,4 | 2,3 | B,C |
| communicate with his/her colleagues, patients and patients' parents | 1,1,1 | 2,3 | B,C |
| counsel about all the preventive health services about children vaccination and nutrition being the utmost importance among them | 1,2,2 | 2,3 | B,C |
| be conscious about importance of multidisciplinary working | 1,2,2 | 2,3 | B,C |
| price the ethical and legal principles | 2,1,1 | 2,3 | B,C |

Teaching Methods: 1: Lecture, 2: Question-Answer, 3: Discussion

Assessment Methods: A: Testing B: Presentation C: Homework

| COURSE CONTENT | | |
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| Week | Topics | Study Materials |
| 1 | Beginning Session | Internship materials are provided by the instructor |
| 166 | Clinical Practice (Outpatient clinic) | Internship materials are provided by the instructor |
| 40 | Clinical Practice (Bedside Visit) | Internship materials are provided by the instructor |
| 24 | Intern seminar | Internship materials are provided by the instructor |
| 6 | Symptom-based learning sessions | Internship materials are provided by the instructor |
| 2 | Lab | Internship materials are provided by the instructor |
| 40 | Non-Curriculum Working Hours (Pre-Study, Experimentation, Review) | Internship materials are provided by the instructor |
| 1 | Program Evaluation Session | |

| RECOMMENDED RESOURCES | |
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| Books | 1-Nelson Pediatrics 2- Pediatri, Writers: Olcay Neyzi, Türkan Ertuğrul |
| Additional Resources | Lecture notes |

| MATERIAL SHARING | |
|------------------|------------------------------------|
| Documents | It can be reproduced by photocopy. |
| Homeworks | Cannot be shared |
| Exams | Cannot be shared |

| CONTRIBUTION OF THE COURSE TO THE PROGRAM LEARNING OUTCOMES | | | | | | |
|---|--|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| | POD.1. Professional Core Competencies | | | | | |
| | Po.1.1. Clinical Qualifications | | | | | |
| | PO.1.1.1. Values preventive health services, primary prevention (for health protection prevention of diseases), secondary prevention (early diagnosis and treatment) and tertiary prevention (rehabilitation), quaternary prevention (prevention of excessive and unnecessary diagnosis and treatment) services provides consultancy services on these issues. | | | | 4 | |
| | PO.1.1.2. It shows a patient-centered approach in patient management. | | | | 4 | |
| | PO.1.1.3. Recognises common or important clinical signs, and manifestations of clinical conditions. | | | | 4 | |
| | PO.1.1.4 Takes a medical history from the patient and/or the accompanying persons. | | | | | 5 |
| | PO.1.1.5 Performs general and problem-oriented physical and mental examination. | | | | | 5 |
| | PO.1.1.6. Interprets history, physical and mental examination findings. | | | | | 5 |
| | PO.1.1.7. Makes diagnostic applications that are used frequently at primary health care level. | | | | | 5 |
| | PO.1.1.8 Selects and interprets the results of studies that have been shown to be highly effective at the primary health care level. | | | | 4 | |
| | PO.1.1.9. Makes clinical decisions by using evidence-based medicine systematics in the delivery of health care | | | | 4 | |
| | PO.1.1.10. Applies frequently used medical interventions at primary health care level. | | | | | 5 |
| | PO.1.1.11. Manages the healthy individual and patient in the context of health services. | | | | 4 | |
| | PO.1.1.12. Keeps medical records within the scope of health service delivery and uses related information systems | | | | | 5 |
| | POD.1.2. Communication Competencies | | | | | |

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| | PO.1.2.1 During their professional life, those who benefit from health care services, employees, companions, visitors, relatives, caregivers, colleagues, other individuals and Communicates effectively with institutions and organizations | | | | | 5 |
| | PO.1.2.2. Collaborates as a team member with relevant institutions and organizations, other professionals and health professionals on health-related issues. | | | | | 5 |
| | PO.1.2.3. Recognizes the principles of protection and privacy for health care users, employees, companions, visitors | | | | 4 | |
| | PO.1.2.4. Communicates with all stakeholders by considering socio-cultural diversity | | | | 4 | |
| | | | | | | |
| | POD.1.3. Leadership and Management Competencies | | | | | |
| | PO.1.3.1. In the primary health care institution, she acts as a manager and leader in the health team that provides the service. | | | | 4 | |
| | PO.1.3.2 Recognizes the principles of health management and economics, organizational and financing models of health care services. | | | | 4 | |
| | PO.1.3.3. Recognizes the principles of cost-effective use of resources in health care delivery. | | | | 4 | |
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| | POD.1.4. Competencies in Health Advocacy | | | | | |
| | PO.1.4.1. Recognizes the health status of the individual and society and the factors affecting health, apply the necessary measures to prevent the effects of factors on health. | | | | | 5 |
| | PO.1.4.2. Recognizes and manages health determinants, including conditions that hinder access to health care. | | | | 4 | |
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| | POD.1.5. Research-Related Competences | | | | | |
| | PO.1.5.1. Develops, prepares and presents a research project. | | | | 4 | |
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| | POD.1.6. Competencies in Health Education and Counseling | | | | | |
| | PO.1.6.1. Organizes public health education and provides consultancy for the maintenance and improvement of individual and community health. | | | | 4 | |
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| | POD.2. Professional Values and Approaches | | | | | |
| | POD.2.1. Legal and Legal Competences | | | | | |
| | PO.2.1.1 Provides services in accordance with the legal framework regulating primary health care services | | | | | 5 |
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| | POD.2.2. Competencies Regarding the Ethical Aspect of Medicine | | | | | |
| | PO.2.2.1. Recognizes the basic ethical approaches fully, distinguishes legal and ethical issues. | | | | | 5 |
| | PO.2.2.2 It gives importance to the rights of patients, relatives and physicians and provides services within this framework. | | | | | 5 |
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| | POD.2.3 Competencies in Social and Behavioral Sciences | | | | | |
| | PO.2.3.1. Associates historical, anthropological and philosophical development of the medical field and current medical practices | | | | 4 | |
| | PO.2.3.2. Recognizes the behaviors and attitudes of the individual and the factors that determine the social dynamics of the society. | | | | 4 | |
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| | POD.2.4. Social Awareness and Participation Competencies | | | | | |
| | PO.2.4.1. Responsibility, taking into account the behavioral characteristics of the individual and the social dynamics of the society with its understanding, attitude and behavior, it leads the society in its region and develops projects for health services when necessary. | | | | | 5 |
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| | POD.2.5. Competences Regarding Professional Attitudes and Behaviors | | | | | |

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| | PO.2.5.1. Demonstrates a patient-centered and holistic (biopsychosocial) approach to patients and their problems | | | | 4 | |
| | PO.2.5.2. Respects patients, colleagues and all stakeholders in healthcare delivery | | | | 4 | |
| | PO.2.5.3. Shows appropriate behavior in the face of disadvantaged groups and situations in society. | | | | | 5 |
| | PO.2.5.4 Takes responsibility for improving patient safety and health quality. | | | | | 5 |
| | PO.2.5.6. Evaluates his/her own performance openly to criticism and assesses his/her competences and limitations realizes. | | | | 4 | |
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| | POD.3. Personal Development and Self-Values | | | | | |
| | POD.3.1. Competencies for Lifelong Learning | | | | | |
| | PO.3.1.1. Adopts and applies the importance of lifelong and self-learning. | | | | | 5 |
| | PO.3.1.2. Adopts the importance of up-to-date knowledge and skills, researches current developments and improves itself | | | | | 5 |
| | PO.3.1.3. Be able to follow a foreign language, at least international medical literature and be relevant to their profession. | | | | 4 | |
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| | POD.3.2. Competencies in Career Management | | | | | |
| | PO.3.2.1. Recognizes and researches post-graduate study areas and job opportunities. | | | | | 5 |
| | PO.3.2.2. Recognizes the application conditions for post-graduate work/job fields, distinguishes and plans the education and experience requirements for this. | | | | | 5 |
| | PO.3.2.3. Prepares resume and recognizes job interview methods | | | | 4 | |
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| | POD.3.3. Competences for the Physician to Protect and Improve Her/His Own Physical and Mental Health | | | | | |
| | PO.3.3.1. Applies the rules of healthy living. | | | | | 5 |
| | PO.3.3.2. Demonstrates specific and appropriate behaviors to work in stressful conditions. | | | | | 5 |
| | PO.3.3.3 Uses self-motivation factors | | | | | 5 |
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| ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION | | | |
|---|----------------------------------|-----------------|-----------------------|
| Activities | Quantity/day | Duration (Hour) | Total Workload (Hour) |
| Course Duration (9 weeks) | 40 | 6 | 240 |
| Hours for off-the-classroom study (Pre-study, practice, review/week) | 50 | 1 | 50 |
| Homework | - | - | - |
| Exam | 2 | 2 | 4 |
| | Total Work Load | | 294 |
| | Total Work Load / 30 (h) | | 9.8 |
| | ECTS Credit of the Course | | 10 |