

## Introduction to the Course of Paediatrics

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linkova 03.09.2024

**Current information**

**ATTENTION: new sets of state exam questions will be tested from 14.10.2024 available in the section Examination questions**

Welcome to the website of the Clinic of Paediatrics and Inherited Metabolic Disorders of the 1st Faculty of Medicine of Charles University in Prague. This site is mainly for undergraduate students of the 1st Faculty of Medicine of the Charles University. For general information about our clinic, please visit the official hospital website.

The clinic teaches medical students, bachelors, students of secondary and higher medical schools and trains postgraduate students. The clinic is a teaching base of the 1st Faculty of Medicine of Charles University, but it also has other activities for lifelong learning of healthcare professionals. Doctors in preparation for certification in general practical medicine for children and adolescents work at the clinic as part of long-term internships.

The clinic is accredited by the Ministry of Health of the Czech Republic for postgraduate training in paediatric medicine, paediatric gastroenterology and hepatology, paediatric rheumatology, paediatric pneumology, paediatric nephrology and in the EU in the field of Paediatric Metabolic Medicine

Organization of teaching and studies takes place in person. Parallel the e-learning presentations are available at the web of [Department of Paediatrics and Inherited Metabolic Disorders \(cuni.cz\)](#).

Usually lectures take place 8-9:45, practical education in person 10:15-12:45, everyday program.

Credits will be given at the end of the course, after passing the test. Credit-test questions are available at the web.

Examinations will take place in person.

For further information please see web of the faculty and SIS!

Audio based Power-point presentation will be available at the e-learning portal of Charles University (e-learning.lf1.cuni.cz)

Practical instruction (simulation teaching, etc.) is limited to 10-20 persons.

In case a student cannot, due to objective and serious reasons, participate in practical instruction (reasons are to be evaluated by subject guarantor), the student must make an arrangement for compensating for the instruction missed.

**Head deputy for paediatric education:**

Jana Tukova, MD, jana.tukova@vfn.cz

Martin Magner, MD, Ph.D; tel. 224 967 791, martin.magner@vfn.cz

<https://kpdpm.lf1.cuni.cz/en>

**Prof. Tomáš Honzík, MD, PhD.**

- **Head of the Department of Paediatrics and Inherited Metabolic Disorders**

**Jana Tuková, MD, PhD.**

- **Deputy Head for education**

**Assoc. Prof. Martin Magner, MD, PhD.**

- **Deputy for education of the English parallel - sixth year**

**Other main examiners:**

- **Prof. Jiří Zeman, MD, PhD.**
- **Prof. Pavla Doležalová, MD, PhD.**

**Secretary**

**Mrs Blanka Albrechtová, fourth floor**

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Syllabus

## **Syllabus**

Attendance sheet [download.](#)

### **General medicine:**

Timetable January - February 2025 [download.](#)

Seminar topics 2025 [download.](#)

Groups [download](#)

**PAEDIATRICS TIMETABLE - YEAR 6, January 13-February 28, 2025**

Department of Paediatrics and Inherited Metabolic Disorders

	January					Febr					February					6th year																								
	13	14	15	16	17	20	21	22	23	24	27	28	29	30	31	3	4	5	6	7	10	11	12	13	14	17	18	19	20	21	24	25	26	27	28					
	Mo	Tue	We	Th	Fr	Mo	Tue	We	Th	Fr	Mo	Tue	We	Th	Fr	Mo	Tue	We	Th	Fr	Mo	Tue	We	Th	Fr	Mo	Tue	We	Th	Fr	Mo	Tue	We	Th	Fri					
<b>Seminars</b>																																								
<b>8.00-09.45</b>	1	36	22	17	18	34	32	30	37	19	6	33	12	24	7	35	41	23	20	8	40	31	13	25	16	26		14	28	29	27	15			39					<b>T</b>
<b>10.00-12.00</b>	2																																							
<b>12:30-14:00</b>	9					38																																		
<b>13:30-15:00</b>													3			4		5																						
<b>JZ (12:45-16:00)</b>																										10	10	10												
<b>Consultations JZ (12:45-16:00)</b>																														X	X	X								
<b>Practice 10.15-12.45</b>																																								
<b>1st Floor</b>		A	A	A	A	B	B	B	B	B	C	C	C	C	C	D	D	D	D	D	E	E	E	E	E	F	F	F	F	F	G	G	G	G	G					
<b>2nd Floor</b>		B	B	B	B	C	C	C	C	C	D	D	D	D	D	E	E	E	E	E	F	F	F	F	F	G	G	G	G	G	A	A	A	A	A					
<b>ICU (10:15-12:30)</b>		C	C	C	A	D	D	D	D	D	E	E	E	E	E	F	F	F	F	F	G	G	G	G	G	A	A	A	A	A	B	B	B	B	B					
<b>Maternity VFN</b>		D	D	D	D	E	E	E	E	E	F	F	F	F	F	G	G	G	G	G	A	A	A	A	A	B	B	B	B	B	C	C	C	C						
<b>Outpatients</b>				E	E	F			F	F	G			G	G	A			A	A	B			B	B	C			C	C	D			D	D					
<b>FTN Krč Paed. 1</b>		F	F	F	F	G	G	G	G	G	A	A	A	A	A	B	B	B	B	B	C	C	C	C	C	D	D	D	D	D	E	E	E	E	E					
<b>FTN Krč Paed. 2</b>		G	G	G	G	A	A	A	A	A	B	B	B	B	B	C	C	C	C	C	D	D	D	D	D	E	E	E	E	E	F	F	F	F	F					
<b>Simulation sem</b>			E					F					G					A					B					C					D							
<b>X-ray practice</b>		E				F					G					A					B					C					D									

February

<b>Consultation seminars</b>	25th 13:30-14:30	26th 13:00-14:00
Group	6051a TH	6051b PD

February

<b>Consultation seminars</b>	27th 13:00-14:00	27th 13:00-14:00
Group	6052a MM	6052b MM

**FTN Krč Pediatric dptm: Practice starts at 10:45 a.m. at the Dep. of Paediatrics build.G2, University Thomayer Hospital**  
**Practice take place at the 1st and 2nd units, ICU, Outpatients ground floor: Department of Paediatrics and Inherited Metabolic Disorders**  
**X-ray practice - seminar room of the X-ray department, building E1a ground floor, in the case of 2 groups first at 10 and second at 12:00**  
 For Practice at the Maternity Hospital Apolinářská, convene at 10:15 a.m. at the ICU (JIP) entrance, 1st floor left  
 TN Krč Neonatal/Maternity: Practice starts at 11:00 a.m. at the Dep.of Neonatology Dep. Build.U 3rd floor, Thomayer Hospital

**Lectures/Seminars are in person F2F**  
**Simulation seminars 13-16:00:** Simulation center, Institute of physiology, Albertov 5,  
 CS-consultaions seminars  
**Cave! Prof Zeman offers special lectures (consultations in pediatrics) - dates and times via secretary (lecture hall/large Seminars room, E3a)**

Credit Test 9:00, lecture hall, Building E2, 3rd floor

# Groups

	A	B	C	D	E	F	G
1	Abbasiou Ali	Aramayo A.	Farahani M.	Juneja S.	Matsumoto K.	Punamiya V. K.	Sunny A.
2	Abdel Rahman B.	Ash A.	Fathima Z.	Kaban R.	Mithran K.	Pyatov M.	Tanish L.
3	Abisidon S.	Assaf R.	Gal N.	Kapoor A.	Miyata T.	Rashidinejad S.	Thiruselvan A. S.
4	Abroun E.	Attharangsang S.	Ghadigaonkar S.	Kashiri S.	Mojadami M.	Rout S.	Tiben M.
5	Ahamed W. M. Z.	Awadallah S. N. S.	Gómez P. E.	Kesler N.	Naidu P. S.	Sahasrabuddhe A.	Tirumalasetty P. S.
6	Ahmed Ebad	Banat M. H. Y.	Goyal U.	Khassin K.	Nam Y.	Salam A. I. A.	Umeh A. I.
7	Ahmed Fatima	Bari N. M.	Guha D.	Khojasteh R.	Noronha D. A.	Sarhan H. R. A. R.	Unger Z.
8	Ahmed A. M. A. H.	Bayrami A.	Hanai R.	Khoshhal S.	Olivkovich T. S.	Shabtai A.	Vardhan A.
9	Al Assaf E.	Berger I.	Hari A. B.	Khosravi P.	Or Tal	Shalev D.	Verbat M. M.
10	AlSankari S.	Bitman Y.	Hasnat N.	Kler G.	Oz Tomer	Shalom D.	Verma S.
11	Anandakumar S.	Blank U.	Hassain A. A. Z. S.	Landau N.	Pathak A.	Sheibani G.	Villun K. J. R.
12	Andrawos E.	Bou Arab W.	He Čendžans R.	Loutfi M.	Perera N. J.	Shoval G.	Yabu A.
13	Anil A. A.	Císarová A.	Houber Ch.	Marciano S.	Promuthal N.	Schindler D.	Yassen M.
14	Arabnejad K. A.	Elfadul M. M. H.	Jelassi M.	Mathema C.	Puapipat P.	Schwartzman A.	

## PAEDIATRICS COURSE 6<sup>th</sup> year SEMINAR TOPICS

- |                                    |   |
|------------------------------------|---|
| 1. Prof. J. Zeman, MD, DrSc        | Introduction to paediatrics                                       |
| 2. Assoc. prof. M. Magner, MD, PhD | Organisation of the course  |
| 3. N. El-Lababidi, MD              | Feeding and nutrition in childhood                                |
| 4. N. El-Lababidi, MD              | Gastroenterology  |
| 5. N. El-Lababidi, MD              | Malnutrition, failure to thrive                                   |
| 6. Prof. T. Honzík, MD, PhD        | Growth and Development of the child                               |
| 7. Prof. T. Honzík, MD, PhD        | Screening in paediatrics; Paediatric metabolic medicine I         |
| 8. Prof. T. Honzík, MD, PhD        | Paediatric metabolic medicine II                                  |
| 9. Assoc. prof. M. Magner, MD, PhD | Principles of paediatric physical examination and medical history |
| 10. Prof. J. Zeman, MD, DrSc       | From symptoms to diagnosis I                                      |
| 11. Prof. J. Zeman, MD, DrSc       | From symptoms to diagnosis II                                     |
| 12. Prof. P. Doležalová, MD, CSc   | Musculoskeletal disorders in childhood                            |
| 13. Prof. P. Doležalová, MD, CSc   | Systemic inflammatory diseases                                    |
| 14. Prof. P. Doležalová, MD, CSc   | Pain in children. Febrile syndromes                               |

**Lectures in person – Lecture hall building E2, 3rd floor**

**Seminars at neonatology ward (Apolinář) begin at 10:15 in front of neonatal ICU - first floor left**

**Seminars in out-patient-ward - student groups will be divided into subgroups**

**X-rays seminars take place in the X-ray seminary room, Bld. E1, groundfloor**

**Seminars at Krč Paediatric Thomayer Hospital begin at 10:45 am - Bld. G2**

**Clinical seminars – consultations, clinical case discussion**

**Simulation center - Institute of Physiology, Albertov 5**

**Credit test - February 28th, 9-12 am – credit test**



## Practical Sessions

- **Change at the cloakroom (for KPDPM at the building E2, top floor; key available at the porter's station against badge)**
  - Shoes, white coat, stethoscope, notepad, pen
- **Never forget to expose your badge**
- **Programme will vary according to the– Location– Patient availability**
- **Usually: introduction with the mentor, individual work with the patients, all-together discussion about the patients seen**

**Attendance sheet**

Name ..... Group .....

	Week 1	Week 2	Week 3
Mon			
Tue			
Wed			
Thu			
Fri			
	Week 4	Week 5	Week 6
Mon			
Tue			
Wed			
Thu			
Fri			
	Week 7		
Mon			
Tue			
Wed			
Thu			
Fri			

Practical exam with classification

	Fulfilled	Classification
Newborn/Infant		
Child over 1 year of age		

# Presence

- Practical sessions are mandatory
- Seminars are highly recommended
- Two absences are accepted
- In case of teaching at the Faculty, four are possible, others have to be replaced

## Ward rounds

- Each group to attend- voluntary- ward rounds •
- 1st Floor: Wednesdays 1:00 pm
- 2nd Floor. Thursdays 1:00 pm

February

<b>Consultation seminars</b>	25th 13:30-14:30	26th 13:00-14:00
Group	6051a	6051b
	TH	PD

February

<b>Consultation seminars</b>	27th 13:00-14:00	27th 13:00-14:00
Group	6052a	6052b
	MM	MM

## **Credit test - Feb 28**

**9:00 in person for all group or 8-12:00 in person,  
in Moodle RUK application.**

**- Time limit is 2 hours.**

**- Multichoice, optimaly 38-40/40, minimum 32**

**Equipment needed: „smart“ phone, tablet, notebook  
WIFI connection- Eduroam**

Crohn's disease:

- **Is an autoimmune disorder.**
- Typically manifests in infants.
- **It affects the gastrointestinal tract with segmental involvement .**
- Is curable.

Extra-intestinal manifestations of inflammatory bowel disease include:

- **Primary sclerosing cholangitis associated with ulcerative colitis.**
- **Enteropathic arthritis.**
- **Osteoporosis.**
- Gottron papules.

A typical finding in Crohn's disease is:

- Crypt abscesses in the biopsy specimen.
- Pancolitis.
- **Terminal ileitis.**
- **Granulomas in the biopsy specimen.**



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Credit tests

### Credit tests

20.02.2021

[Link](#) to download a file with credit tests *(updated 20/02/2021)*

last modification: 20.02.2021    number of views: 2835

Page ranking: ★★★★★ (by 3 users)

If you think the article is not up-to-date, [click here](#).

# Find the course **Credit test**

- In the internet browser ad the adress:

<https://dlcv.cuni.cz/>

- On the page:

1.[Dashboard](#)

2.[Courses](#)

3.[1. lékařská fakulta](#)

4.[Klinika pediatrie a dědičných poruch metabolismu](#)

5.[Credit test](#)



## Life learning Charles University



### Course categories

Excellence in ReSTI

- ▶ First Faculty of Medicine
- ▶ Second Faculty of Medicine (1)
- ▶ Third Faculty of Medicine
- ▼ Farmaceutická fakulta (1)

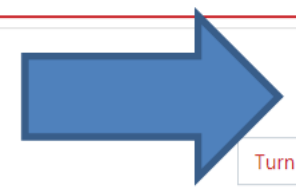
Katedra farmaceutické chemie a farmaceutické analýz

Credit test

- Participants
- Badges
- Competencies
- Grades
- General
- 7 January - 13 January
- 14 January - 20 January
- 21 January - 27 January
- 28 January - 3 February
- 4 February - 10 February
- 11 February - 17 February
- 18 February - 24 February
- 25 February - 3 March
- 4 March - 10 March
- 11 March - 17 March

# Credit test

Dashboard / Courses / 1. lékařská fakulta / Klinika pediatrie a dědičných poruch metabolismu / Credit test



Turn editing on

Oznámení

7 January - 13 January

14 January - 20 January

21 January - 27 January

28 January - 3 February

4 February - 10 February

11 February - 17 February

18 February - 24 February



Dashboard

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Calendar

Private files

# Moodle UK pro výuku 1

[Dashboard](#) / [Policies and agreements](#) / [Principles and Rules of Personal Data Protection](#)

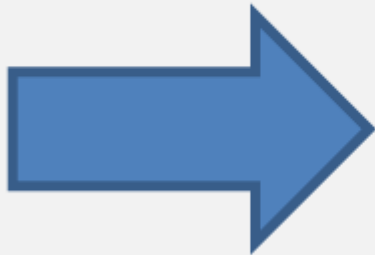
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Principles and Rules of Personal Data Protection

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in Prague

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This server is available for students and teachers of Charles University. If you are not yet registered, login in with your personal ID and password for CAS (more info here <https://ldap.cuni.cz/index.php>), your account will be created automatically.

#### **User registration**

If you are not a member of the academic community of Charles University and you do not have an external card from Charles University. You can register here.

**dlcv.cuni.cz**

# Klinika pediatrie a dědičných poruch metabolismu

Nástěnka / Kurzy / 1. lékařská fakulta / Klinika pediatrie a dědičných poruch metabolismu

Správa kurzů



Kategorie kurzů: 1. lékařská fakulta / Klinika pediatrie a dědičných poruch metabolismu

Vyhledat kurzy

Prov

Zápočtový test z pediatrie

<https://dlcv.cuni.cz/>

Heslo: djkl211

## ~~Zápočtový test z pediatrie - 5. leden 2023~~

~~Zápočtový test z pediatrie - zač. 8:00~~

~~Zápočtový test z pediatrie - zač. 9:00~~

~~Zápočtový test z pediatrie - zač. 10:00~~

~~Zápočtový test z pediatrie - zač. 11:00~~

## Zápočtový test z pediatrie - 24. únor 2023

~~Zápočtový test z pediatrie - zač. 8:00~~

Zápočtový test z pediatrie - zač. 9:00

~~Zápočtový test z pediatrie - zač. 10:00~~

~~Zápočtový test z pediatrie - zač. 11:00~~

Enrolling to the test- any student of Charles University (ISIC Number).

- Test is available only at specific day of credit, password will be available before the test in the lecture hall.
- After finishing the test, results will be display without possibility for corrections.
- Unique test for each course, randomised Qs
- Repetents cannot repeat the test next day, at least after 2 weeks.

In the printed form, not online. (randomised versions are prepared)




Rigorous State Examination Requirements

## **Rigorous State Examination Requirements**

06.10.2021

The student will draw questions at random, one from each of the three topic areas (paediatric propaedeutics, special paediatrics, differential diagnosis in paediatrics) and another question from imaging methods to be described. An image will be one of the following anatomic systems: head, thorax, abdomen, and skeleton. Each question will be graded as 1, 2 or 3 (= passed), or 4 (= failed).

The examination in paediatrics is a complex one and the questions are mere guidelines for the course of the part of the Rigorous State Examination, and in testing the student's knowledge it may overlap with some other subjects as well. The Examining Board can interrupt the examination at any moment in order to ballot about the grading. If the student is graded as "failed" for any question (theoretical from any topic area or the imaging method), the examination will not be continued and the total grade for the part of the Rigorous State Examination is "failed". Grading of the particular questions as well as the total outcome – grading of the part of the Rigorous State Examination – is decided on by ballot in the Examining Board.



## Examination questions

Groups of questions for state exam in pediatrics till 13.9.2024 [download](#).

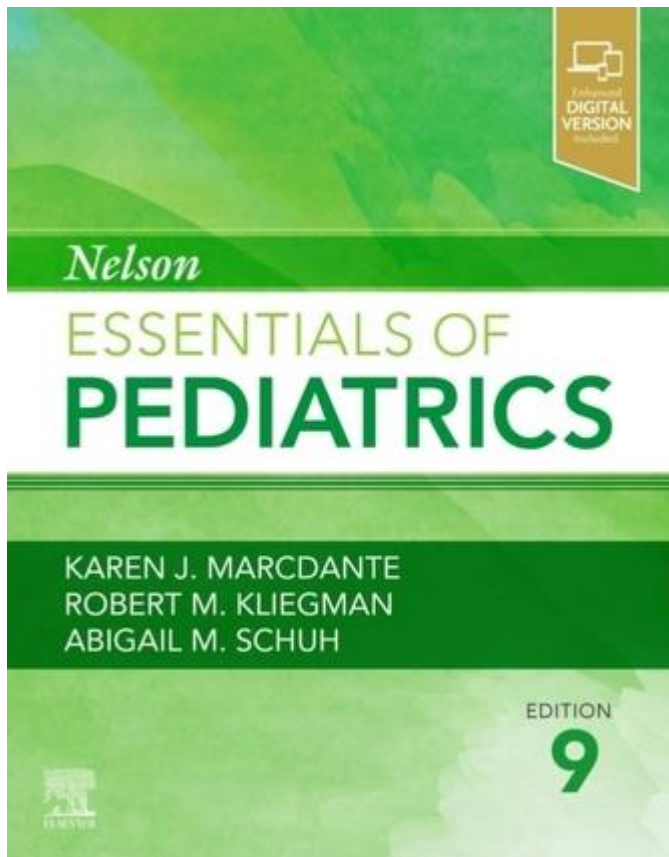
Groups of questions for state exam in pediatrics from 14.10.2024 [download](#) (*updated 27/08/2024*)

Examination questions for Dentistry, year 4 [download](#) (*updated 03/01/2022*)



## Essential diagnoses

- ac. bronchiolitis
- ac. epiglottitis
- ac. gastroenteritis with dehydration
- ac. laryngitis
- ac. myocarditis
- ac. poststreptococcal glomerulonefritis
- ac. tonsillitis
- astma bronchiale
- diabetes mellitus – ketoacidosis
- intussusception
- pneumococcal pneumonia in children
- burn injury
- purulent meningitis
- muscular pyloric hypertrophy
- nephrotic syndrome
- RDS
- viral pneumonia in infant



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## About Pedscases

### *A brief history of PedsCases*

PedsCases ([www.pedscases.com](http://www.pedscases.com)) is an innovative source of pediatric knowledge dissemination which began in 2008 as a grassroots project by several medical students with faculty support at the University of Alberta to supplement the undergraduate curriculum [1]. Pediatric curriculum is often not presented in an integrated or cohesive manner and students have found it challenging to obtain a comprehensive foundation in pediatric medicine prior to entering clerkship. PedsCases was developed to fill this gap and consists of interactive cases, podcasts, videos and links to supplement undergraduate learning. PedsCases allows students to experience core virtual cases not seen in their clerkship experience. The goal is that PedsCases will deliberately generate content in a variety of formats including virtual patients, to ensure core pediatric knowledge is translated to undergraduate learners in a comprehensive manner.

Over the past six years, PedsCases has fostered an innovative computer-based learning environment for teaching and evaluation of clinical reasoning. It thus far has over 55,000 unique visitors from over 150 countries and over 1,000,000 podcast downloads. The PedsCases team has grown to include over a dozen students and Faculty across Canada and developed a guide on how to create high quality learning content [2]. A culture of innovation and quality improvement is embedded in PedsCases, and we continue to evaluate content and learning modalities, and refine them where appropriate [3]. PedsCases is transitioning to align with CanUC-Paed, the National Undergraduate Curriculum in Pediatrics which was developed through the Pediatric Undergraduate Program Directors of Canada (PUPDOC). The University of Alberta was the first to unroll the curriculum and PedsCases is well positioned to be a key educational tool to compliment the National Curriculum.



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