

Program of Study	:	General Medicine
Course	:	Introduction to Clinical Medicine 2
Abbreviation	:	CH0/VAB11
Schedule	:	10 hours of seminars (surgery+traumatology+orthopedics) 6 hours of seminars (pediatrics) 15 hours of practical training (surgery+traumatology+orthopedics) 6 hours of practical training (pediatrics)
Course Distribution	:	3rd year, 6th semester (SS)
Number of Credits	:	3
Course Form	:	Seminars, practical training

Teachers:

I. Department of Surgery:

MUDr. Katherine Vomáčková, Ph.D.

MUDr. Mgr. Pavel Skalický, Ph.D.

MUDr. Josef Chudáček, Ph.D.

MUDr. MDDr. Jan Hanuliak

MUDr. Michal Gregořík

MUDr. Juraj Riško

Department of Traumatology:

Doc. MUDr. Pavel Dráč, Ph.D.

MUDr. Jan Palčák

MUDr. Petr Špiroch, Ph.D.

MUDr. Petr Zborovjan

MUDr. Ján Kriváček

MUDr. Lukáš Vinter

Department of Orthopedics:

MUDr. Jiří Lošťák, Ph.D.

MUDr. Martin Hobza, Ph.D.

MUDr. Michal Svoboda, Ph.D.

MUDr. Marek Večeřa

MUDr. Tomáš Doubek

MUDr. Erik Fidler
MUDr. Eva Nieslaniková
MUDr. Matúš Sloviak
MUDr. Martin Zerák

Department of Pediatrics:

MUDr. Jana Volejníková, Ph.D.
MUDr. Lucie Sulovská, Ph.D.
prof. MUDr. František Kopřiva, Ph.D.
MUDr. Jana Volejníková, Ph.D.
MUDr. Barbora Ludíková, Ph.D.
MUDr. Kateřina Bouchalová, Ph.D.
doc. MUDr. Eva Klásková, Ph.D.
MUDr. Vendula Látalová
MUDr. Hana Foltenová
MUDr. Petr Birke
MUDr. Miloš Geryk
MUDr. Tereza Kubová

Seminars:

Will take place on the dates listed on Monday (odd week) from 9:15 – 10:45 for all of the 3. year students in the Left lecture hall at the Theoretical Institutes.

The lecture topics are described next to the date of the lecture- a change in topic is rare and only if the teacher is not available on the given day.

Date	Lecture topic	Number of hours	Lecturer
14. 02. 2022	Introduction to Pediatrics. History and Clinical examination in pediatric patient.	2	Volejnikova
28. 02. 2022	Treating an injury wound How fractures heal (principles of conservative and surgical treatment)	2	Palčák / Zborovjan
14. 03. 2022	Milestones in pediatrics. Neonatal period.	2	Volejnikova/Bouchalova
28. 03. 2022	Clinical examination of an injured patient (principles of ATLS) How to correctly interpret an X-ray	2	Dráč/Palčák
11. 04. 2022	Growth and development. Age specific diseases.	2	Ludikova/Volejnikova
25. 04. 2022	Introduction to orthopedics, including orthopedic terminology. Clinical examination of an orthopedic patient Diagnostic processes in orthopedics	2	Svoboda/Večeřa
09. 05. 2022	Specific examinations of a surgical patient Basic surgical terminology and general principles of surgical treatment	2	Vomáčková/Skalický
23. 05. 2022	Foundations of treatment of orthopedic diseases. Preparing a patient for an orthopedic operation	2	Svoboda/Večeřa

	Surgical wound care		
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Practical training:

In this course, the students will complete 1 practical training at the I. Department of Surgery, 2 practical trainings at the Department of Traumatology and 2 practical trainings at the Department of Orthopedics. The course will be conducted for 3 groups of students (max. 16 students per group) on the dates listed below- from 13:00 – 15:15.

Date	Group	Practical training topic	Number of hours	Lecturer
15. 02. 2022 18. 02. 2022 22. 02. 2022	C B A	<i>Basics of surgical technique, surgical instruments, practicing surgical knotting and sutures on simulators</i> Location :Aesculap Academy Theoretical Institutes	3	<i>Chudáček/Hanuliak Gregořík/Riško</i>
01. 03. 2022 04. 03. 2022 08. 03. 2022	C B A	<i>Fracture reduction, technique of fixation by plaster and plastic cast, naložení trakce, aplikace ortézy</i> Location: Dept. of Traumatology library + Traumatology ambulance plaster cast room	3	<i>Dráč/Palčák/ Špiroch / Zborovjan/ Kriváček / Vinter</i>
15. 03. 2022 18. 03. 2022 22. 03. 2022	C B A	<i>Screw, plate, nail, external fixator – types of osteosynthetického materiálu a jejich použití</i> Location: Dept. of Traumatology library	3	<i>Dráč/Palčák/ Špiroch / Zborovjan/ Kriváček / Vinter</i>
29. 03. 2022 01. 04. 2022 05. 04. 2022	C B A	<i>Clinical examination of an orthopedic patient, medical documentation</i> Location: Dept. of Orthopedics	3	<i>Doubek/Fidler/ Hobza/Nieslaniková/ /Sloviak/Zerák</i>
12. 04. 2022 15. 04. 2022 (holiday) <u>Compensat. date: 1.4.22</u> 19. 04. 2022	C B A	<i>Interpreting X-rays, puncture and local injection into joints, stitch removal, applying orthoses</i> Location: Dept. of Orthopedics	3	<i>Doubek/Fidler/ Hobza/Nieslaniková/ Sloviak/Zerák</i>

Practical training – pediatrics part: 13,30 – 15,30 Department of pediatrics

Date	Group	Practical training topic	Number of hours	Lecturer
15. 02. 2022 22. 02. 2022 25. 02. 2022	A C B	History and physical examination in pediatric patient.	2	Volejníková, Ludíková, Sulovská, Látalová, Medková, Čerňanová, Birke
01. 03. 2022 08. 03. 2022 11. 03. 2022	A C B	Screening in pediatrics. Age specific approach to clinical examination.	2	Volejníková, Ludíková, Sulovská, Látalová, Medková, Čerňanová, Birke

15. 03. 2022	A	Planning and interpretation of laboratory examination and imaging methods in children	2	Volejníková, Ludíková, Sulovská, Látalová, Medková, Čerňanová, Birke
22. 03. 2022	C			
25. 03. 2022	B			

Completed by: Colloquium

Requirements:

100% attendance to seminars and practical trainings is mandatory. At the beginning of the course, each student will receive an **attendance sheet** for the entire semester, where attendance to practical trainings will be evidenced. The attendance sheet with confirmed attendance to the practical trainings must be presented at the end of the course in order to receive the colloquium (during the last seminar on 23. 5. 2022).

Reccomended literature:

1. **Greg McLatchie, Neil Borley and Dr. Joanna Chikwe:** Oxford Handbook of Clinical Surgery. Fourth Edition.
2. **Dandy D.J.:** **Essential orthopaedics and trauma.** 5th edition London: Churchill Livingstone, 2009, pp. 504. ISBN13 9780443067181. E-Book.
3. **Lissauer T, Clayden G:** **Illustrated Textbook of Paediatrics.** 4th edition: Mosby Ltd. pp. 552. Print Book ISBN: 9780723435655, eBook ISBN: 9780723437093