

Program of Study	:	General Medicine, Dentistry
Course	:	First Aid
Abbreviation	:	KAR/VAB11
Schedule	:	15 hours of lectures 6 hours of practical training
Course Distribution	:	1st year, 2nd semester
Number of Credits	:	2
Course Form	:	Lectures, practical training

Lectures:

Teachers

odb. as. MUDr. Olga Klementová, Ph.D.	odb. as. MUDr. Michaela Konupčíková
odb. as. MUDr. Lenka Doubravská, Ph.D.	odb. as. MUDr. Ivana Lucká
odb. as. MUDr. Jitka Dvořáková	odb. as. MUDr. Pavel Minarik
odb. as. MUDr. Pavla Hrnčířiková	odb. as. MUDr. Štěpán Tylich

Study Continuous (Friday, Left Lecture Hall at TU LF)

	Date	Subject	No. of hours	Teacher
1	17/2/2023 13:30 – 15:20	Introductory lecture – conditions and rules, organization of the course • definition, classification of first aid • EMS calls, dispatching, DA- TCPR, TAFA • integrated rescue system • BLS, PBLs, choking • consciousness disorders	2,5	Hrnčířiková
2	24/2/2023 13:30 – 15:20	Bleeding (internal, external, small, medium, massive), shock, amputation. Severe injuries of the skull and brain, chest and abdomen. Crush syndrome.	2,5	Dvořáková
3	3/3/2023 13:30 – 15:20	Acute conditions in children (epiglottitis, laryngitis, meningitis, asthma attack, obstructive bronchitis) and in pregnant women (precipitate delivery, extrauterine pregnancy, eclampsia / preeclampsia)	2,5	Lucká
4	10/3/2023 13:30 – 15:20	Drowning, physical causes of damage (electric current), thermal injuries (hypothermia, frostbite, heatstroke, heat stroke, burns), chemical burns.	2,5	Minarik
5	17/3/2023 13:30 – 15:20	Non-traumatic urgent conditions - MI, stroke, DM, epilepsy, hyperventilation, dyspnoea, thrombosis + embolism, anaphylaxis, intoxication.	2,5	Tylich
6	24/3/2023 13:30 – 15:20	Minor injuries (wounds classification including animal injuries + foreign bodies in body cavities and openings), injuries to bones and joints, spine and spinal cord trauma.	2,5	Konupčíková

Practical training:

Teachers:

odb. as. MUDr. Pavla Hrnčířková
odb. as. MUDr. Tomáš Bendžala
odb. as. MUDr. Tomáš Brigant
odb. as. MUDr. Tomáš Čechmánek
odb. as. MUDr. Jitka Dvořáková
odb. as. MUDr. Tereza Horáková
odb. as. MUDr. Jan Jurčík
odb. as. MUDr. Michaela Konupčíková

odb. as. MUDr. Ivana Lucká
odb. as. MUDr. Filip Mačuga
odb. as. MUDr. Aylin Mertová
odb. as. MUDr. Pavel Minarik
odb. as. MUDr. Hana Paciorková
odb. as. MUDr. Václav Staněk
odb. as. MUDr. Štěpán Tylich

Study: Continuous (at the same time two lecture rooms and two teachers)

Wednesday 13:45-15:15 hour, Friday 13:30-15:00 hour

TÚ – classes in Centesimo, room 2.144, 2.141

one room <14 students

	Date	Subject	No. of hours
1	14/4/2023 – 15.tý <i>Group A, C</i> 12/4/2023 – 15.tý <i>Group D</i> 21/4/2023 – 16.tý <i>Group B, Dentistry</i>	Topic I. • Evaluation of unconscious person • Stabilized (recovery) position • Evolution of a victim with a spine injury (fixation of the neck, removal of the helmet) • Positioning in different types of injuries and urgent conditions (head, chest, abdomen, cardiac disorders, bleeding) • Basic transport techniques - Rautek manoeuvre, transport of a victim in two or more rescuers • Haemostasis • Direct wound compression • Pressure bandage • Rules of tourniquet use • Thermal comfort	2
2	26/4/2023 – 17.tý <i>Group D</i> 28/4/2023 – 17.tý <i>Group A, C</i> 5/5/2023 – 18.tý <i>Group B, Dentistry</i>	Topic II. • CPR (BLS) • PBLs • Choking - algorithm, guidelines • Heimlich manoeuvre • Back blows • CPR with 5 initial breaths	2
3	10/5/2023 – 19.tý <i>Group D</i> 12/5/2023 – 19.tý <i>Group A, C</i> 19/5/2023 – 20.tý <i>Group B, Dentistry</i>	Theme III. • Colloquium	2
	26/5/2023 – 21.tý	Replacement exercises	2

Replacement exercises: Friday, 21 week, 26/5/2023, 13:30-15:00

Completed by : colloquium

Requirements : active participation in practicals
colloquium – 70% success in test and model situation

Literature :

ACEP First Aid manual, 5th Edition (DK First Aid Manual), DK, DK Publishing 2014 ISBN 9781465429957

First Aid, CPR and AED Essentials, Thygerson A.L. et al., Jones and Bartlett Learning, 2013, ISBN 978-1-4496-2662-4

First Aid, CPR and AED Advanced, Thagerson A.L., Thygerson S.M., Jones and Bartlett Learning, 2011 ISBN 978-1-4496-3505-3

First Aid for the USMLE Step 1, Le T., Bhushan V., 2014 ISBN 978-0-07-184007-1

http://upload.wikimedia.org/wikipedia/commons/9/98/First_Aid.pdf

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