

Program of Study : General Medicine
Course : **Epidemiology 2**
Abbreviation : **PVL/VA021**
Schedule : 1 week (30 hours of seminars)
Course Distribution : 5th year, 9th, 10th, semester, academic year
2021/2022
Number of Credits : 2
Course Form : Seminars

Seminars:

Teachers: Mgr. Kateřina Azeem, Ph.D.
doc. MUDr. Alena Petráková, CSc.
doc. RNDr. Ondřej Holý, Ph.D.
doc. RNDr. Ivanka Matoušková, Ph.D.
Mgr. Simona Zatloukalová

Study: Block

Block Date: **02. 05. – 06. 05. 2022**, room no. **TD-2.520**
23. 05. – 27. 05. 2022, room no. **TD-2.518, TD-2.520**
Faculty of Medicine and Dentistry, Palacký University in Olomouc

		interpretation. Students will recommend measures for prevention of both communicable and noncommunicable diseases.		
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23. 05. – 27. 05. 2022, room no. TD-2.518, TD-2.520

	Day	Subject	No. of Lesson	Teacher
1	23. 05. 2022 07:30-14:00 <u>TD-2.518</u>	Life style risk factor. Practical training includes interconnection to practical application of prevention in clinical practice (substance abuse assessment and prevention). Preventive programmes. Actual epidemiological situation at occurrence of communicable diseases in the world. Epidemiologic measures – quarantine, isolation Practical training includes solving practical aspects of control of disease occurrence (epidemiologic measures including quarantine and isolation, eradication programmes; dealing with ATB resistance, vaccine refusal). Evidence based medicine in clinical practice.	7	Zatloukalová Zatloukalová Holý Azeem Holý
2	24. 05. 2022 07:30-14:00 <u>TD-2.518</u>	Vaccine refusal and its impact. Neurodegenerative disease epidemiology. Nutrition. Bioterrorism. Eradication programmes of WHO.	7	Azeem Azeem Zatloukalová Holý Holý
3	25. 05. 2022 07:30-14:00 <u>TD-2.520</u>	Epidemiological studies – practical uses. Selected epidemiology questions. Epidemiology of ATB resistance. Epidemiology of alimentary infections.	7	Zatloukalová Azeem Holý Zatloukalová
4	26. 05. 2022 07:30-12:00 <u>TD-2.520</u>	Epidemiology of parasitic infections. Sexually transmitted infections. Health care-associated infections, HAI (III)	6	Azeem Azeem Matoušková
5	27. 05. 2022 07:30-10:00 <u>TD-2.518</u>	Epidemiological method of work. Practical training includes design evaluation and independent publication analysis using	3	Zatloukalová

		critical appraisal tools. Climatic change and its health impact. Overview of the most recent news in interglobal health (WHO, EU/EC).		Holý Petráková
	06. 06. – 10. 06. 2022	State Rigorous Examinations Epidemiology, Law and Social Medicine Evaluation of practical skills in study design assessment and results interpretation. Students will recommend measures for prevention of both communicable and noncommunicable diseases.		

Completed by: Practicavit

Requirements:

Active participation of students in seminars.
Absence at seminars and exercises is tolerated up to 10 % without the need for apology or compensation.
If a student misses more than 10 %, for medical or other serious reasons, he/she must present proper apology as well as substitute for the seminars or exercises.
Substitution for absences beyond the framework will be in the form of self-study and consultation with the examination, eventually by the elaboration of a seminar paper. Substitution of absence (s) will be also possible with another group.
In the case of an apology for absences in the seminars or exercises, contact Mgr. Kateřina Azeem, Ph.D., e-mail: katerina.azeem@upol.cz

Literature:

1. SACKETT D., L. et al.: Evidence Based Medicine – How to Practice and Teach EBM, Churchill Livingstone, 2000, ISBN 0 443 06240 4.
2. GUYATT G., RENNIE E.: Users' Guides to the Medical Literature, JAMA & Archives Journals, American Medical Association, 2002, ISBN 1-57947-191-9.
3. HEYMAN, D., L. *Control of communicable diseases manual*. Washington: American Public Health Association, 2004. ISBN 0875530346.
4. GREENBERG, R., S., DANIELS, S. R., FLANDERS, D. W., ELEY, J. W., & BORING, J. R. *Medical epidemiology*. New York: McGraw-Hill, 2005. ISBN 0071416374

5. RIPPE, James M. Nutrition in Lifestyle Medicine. Cham: Springer International Publishing, 2017, XXIX, 433 p. 28 illus., 19 illus. in color. Nutrition and Health. ISBN 9783319430270.
6. LEAL FILHO, Walter a Jesse M. KEENAN. Climate Change Adaptation in North America: Fostering Resilience and the Regional Capacity to Adapt. Cham: Springer International Publishing, 2017, XI, 354 p. 60 illus., 27 illus. in color. Climate Change Management. ISBN 9783319537429.
7. SCHWAID, Gregory. Board review in preventive medicine and public health: questions and answers. London, England: Academic Press, 2017, 1 online resource (452 pages). ISBN 9780128137796.

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