

Program of Study : General Medicine

Course : **Instruments of Evidence-Based Healthcare**

Abbreviation : **PVL/VAA51**

Schedule : 5 hours of seminars
10 hours exercises

Course Distribution : **4th Year / Winter Semester / Academic Year 2022/2023**

Number of Credits : 2

Course Form : Seminars, exercises (1 group – max. 15 students)

Seminars:

Teacher: PaedDr. Mgr. Dagmar Tučková, Ph.D. et Ph.D. – course guarantor

Study: Continuous; room no. 5.089 – TU-SOL1

	Date	Subject	No. of Lesson	Teacher
1.	03. 10. 2022 13:00-13:45	Role of physician in Evidence-Based Health Care	1	Tučková
2.	10. 10. 2022 13:00-13:45	Development of search strategy	1	Tučková
3.	17. 10. 2022 13:00-13:45	Paper retrieval	1	Tučková
4.	24. 10. 2022 13:00-13:45	Critical appraisal	1	Tučková
5.	31. 10. 2022 13:00-13:45	Predatory publishers	1	Tučková

Exercises:

Teacher: PaedDr. Mgr. Dagmar Tučková, Ph.D. et Ph.D. – course guarantor

Study: Continuous; room no. 5.089 – TU-SOL1

	Date	Subject	No. of Less.	Teacher
1.	03. 10. 2022 13:45-15:15	Determining clinical problems, – Instrument PICO, Clinical questions	2	Tučková
2.	10. 10. 2022 13:45-15:15	Search strategy in practice	2	Tučková
3.	17. 10. 2022 13:45-15:15	Screening of title and abstracts Screening of fulltexts	2	Tučková

4.	24. 10. 2022 13:45-15:15	Critical appraisal tools: RAAMMB0, JBI RAPID	2	Tučková
5.	31. 10. 2022 13:45-15:15	Practical use of Evidence Based Medicine	2	Tučková

Completed by: Credit

Practical Requirements: All students will be able to:

- Develop relevant review/clinical question using correct acronym
- Develop search strategy and use it in chosen databases
- Screen and appraise title/abstract and fulltext
- Critically appraise relevant studies
- Synthesize results from the studies

Requirements: Active participation of student in seminars. Absence from the seminar(s) is excused only for serious reasons (personal or medical). Relevance and possibility of the excuse is decided by the teacher. The student may, in agreement with the teacher, substitute teaching with another group or in another form (by the written seminar work on given topic).

In the case of an apology for absence(s) in the seminars, please contact: PaedDr. Mgr. Dagmar Tučková, Ph.D. et Ph.D., e-mail: dagmar.tuckova@upol.cz.

Literature:

Glasziou, P., Del Mar, C., & Salisbury, J. (2009). *Evidence-based practice workbook*: John Wiley & Sons.

Sackett, D., Rosenberg, W., Gray, J., Haynes, R., & Richardson, W. (2012). What is EBM? JBI. (2006). *Rapid user guide* A. Pearson (Ed.) (pp. 45). Retrieved from <http://connect.jbiconnectplus.org/Help/RapidUserGuide.pdf>

Heneghan, C., & Badenoch, D. (2013). *Evidence-based medicine toolkit*: John Wiley & Sons.

Pearson, A., Loveday, H., & Holopainen, A. (2012). *Critically appraising evidence for healthcare*: Lippincott Williams & Wilkins.

Selected electronic sources (links provided during the lessons).

Power-point presentations used for the lessons (available on Moodle).

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