

Program of Study : General Medicine

Course : **Importance of Systematic reviews in the Medicine**

Abbreviation : **PVL/VAB52**

Schedule : 10 hours of seminars
10 hours exercises

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

Number of Credits : 2

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

Seminars:

Teachers: 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.	06. 03. 2023 13:00-14:30	Role of systematic reviews in the context of EBHC, principles of systematic reviews	2	Tučková
2.	13. 03. 2023 13:00-14:30	Protocol of systematic review, background information	2	Tučková
3.	20. 03. 2023 13:00-14:30	Inclusion and exclusion criteria, extensive systematic search strategy	2	Tučková
4.	27. 03. 2023 13:00-14:30	Introduction to critical appraisal, data extraction and data synthesis	2	Tučková
5.	03. 04. 2023 13:00-14:30	Protocol of systematic review development, clinical use of systematic reviews, final discussion	2	Tučková

Exercises:

Teachers: 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.	06. 03. 2023 14:30-16:00	Systematic review development, title development, preliminary search, title registration	2	Tučková
2.	13. 03. 2023 14:30-16:00	Background of systematic review development	2	Tučková
3.	20. 03. 2023 14:30-16:00	Development of extensive systematic search strategy	2	Tučková

4.	27. 03. 2023 14:30-16:00	Tools for critical appraisal, data extraction and data synthesis	2	Tučková
5.	03. 04. 2023 14:30-16:00	Protocol of systematic review development, clinical use of systematic reviews, final discussion	2	Tučková

Completed by: Credit

Practical Requirements: All students will be able to:

- Plan systematic review on selected clinical topic/problem,
- Prepare protocol for systematic review,
- Prepare and implement extensive systematic search strategy,
- Use selected tools for critical appraisal, data extraction and data synthesis,
- Explain results of systematic reviews and their use in clinical practice.

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:

JBI. (2014). *Joanna Briggs Institute Reviewers' Manual: 2014 edition*. The University of Adelaide, South Australia: The Joanna Briggs Institute.

Moher, D., Liberati, A., Tetzlaff, J., Altman, D. G., & Group, P. (2010). Preferred reporting items for systematic reviews and meta-analyses: the PRISMA statement. *Int J Surg*, 8(5), 336-341. doi: 10.1016/j.ijsu.2010.02.007

Moher, D., Shamseer, L., Clarke, M., Ghersi, D., Liberati, A., Petticrew, M., . . . Group, P.-P. (2015). Preferred reporting items for systematic review and meta-analysis protocols (PRISMA-P) 2015 statement. *Syst Rev*, 4, 1. doi: 10.1186/2046-4053-4-1

World Health Organization (EVIPNET): <https://www.who.int/evidence/en/>

World Health Organization (guidelines): <https://www.who.int/hepatitis/publications/hepatitis-b-guidelines/en/>

Selected electronic sources (links provided during the lessons).

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

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