

Course: Evidence-Based Practice 4

credits: 2

Course code	PIVB16EBP4	Modes of delivery	Assignment Tutorial
Name	Evidence-Based Practice 4		
Study year	2022-2023	Assessments	Evidence-Based Practice 4 - Professional product
ECTS credits	2		
Language	English		
Coordinator	H.A. Kranenburg		

Learning outcomes

1BD-E/KD/W 3. The student can consult multiple information sources in cooperation with a fellow student in the context of EBP learning in order to find the best 'evidence' in the literature for a simple health-related problem (search strategy).

2BD-E/KD/W 9. In the context of EBP learning, the student can evaluate methodological and statistical aspects from an article, e.g. recognition and description of applied research design, measures of central tendency and dispersion, significance of results, correlation and the interpretation of graphs and figures, and explain them to third parties.

2BD-KD/W 13. The student, in cooperation with his peers and/or *under the supervision of the EBP teacher*, can analyse scientific articles about effectiveness of therapy forms in relation to methodological and statistical aspects such as evaluation of statistical methods used and research design, and on the basis of criteria supplied by the programme.

2BD-KD/W 14. The student, in cooperation with his peers or under the supervision of the EBP teacher, can interpret scientific articles about effectiveness of therapy forms for content in a scientific way.

2BD-KD/W 14 B: The student, in cooperation with his peers and/or under the supervision of the EBP teacher, can write a review based on criteria supplied by the programme.

INT 1BD-E/KD/W 1: The student can explain the status (identity) of his/her profession within the Dutch healthcare system to students from a different culture.

Content

Physiotherapists are expected to work on the basis of evidence-based practice (EBP). What this means is that the physiotherapist can substantiate his intervention on the basis of scientific knowledge. He searches for scientific literature and interprets and organises the data thus obtained. On the basis of the effect studies obtained from the systematic search actions a review article will be written about the physiotherapeutic treatment for a central neurological condition. At the end of this block the student will be able to understand and interpret research into physiotherapeutic treatment effects related to neurorehabilitation of central neurological patients. To this end, he/she will write a review in collaboration with fellow students. Keeping in mind developments in the field, it is important for overviews to be crafted that clearly show where things stand with respect to the available scientific evidence. A review article provides such overviews.

Included in programme(s)

B International Physiotherapy

School(s)

School of Health Care Studies