

SHORT TERM SCIENTIFIC MISSION (STSM) SCIENTIFIC REPORT

This report is submitted for approval by the STSM applicant to the STSM coordinator

Action number: CA17117

STSM title: Preparing teachers for teaching Evidence based research – preparing funding opportunities

STSM start and end date: 09/02/2020 to 18/02/2020

Grantee name: Dr. Robert Prill

PURPOSE OF THE STSM:

The STSM was aiming for three major goals. The first goal is to prepare an ERASMUS+ grant application. The objective of this ERASMUS+ project will be to invent modules to teach students and teachers in Evidence based research (EBR), especially in fields of evidence synthesis. The second goal is to raise the competency of the applying person Dr. Robert Prill (RP) in the production of Systematic Reviews, being an important part of the EBR approach by attending a Joanna Briggs Institute Comprehensive Systematic Review Training Program (JBI CRSTP). The third goal is to plan studies on the topic of Evidence-Based Research in physical therapy – a systematic review and a Delphi study might be suitable.

DESCRIPTION OF WORK CARRIED OUT DURING THE STSMS

On the first day Module 1 of the JBI CRSTP dealing with Introduction to Evidence-based Healthcare and the Systematic Review of Evidence was completed. The main issue of the second and third day was completing Module 2 putting regard on Conducting Systematic Reviews of Quantitative Evidence, including for example the Critical Appraisal of Studies, Data Extraction, Protocol Development, Data synthesis, and Meta Analysis. Both Modules were taught by the host of the STSM A/Prof. PhDr. Miloslav Klugar, Ph.D. (MK).

In the evening of the third day a strategic meeting of MK, JK and RP, discussing collaborative project ideas and two topics for potential studies.

The third Modul dealing with the The Systematic Review of Evidence Generated by Qualitative Research, Narrative, and Text, including interpretive and critical Methodologies, Metasynthesis and an Overview of other Review types such as Scoping and Umbrella Reviews was taught by Adj. Assoc. Prof Ph.D. Jitka Klugarová (JK) and took Day 4 and 5 of the STSM.

On the fifth day, participants presented their work, being prepared within this cours. Dr. Robert Prill presented his protocol on exercise and manual therapy versus exercise alone after arthroscopy of meniscal tears.

The weekend was used for the strategic development of the ERASMUS+ strategic partnership grant and for discovering cultural aspects, like the mendel museum and architectural Specials in Brno.

Monday was mainly packed with dissemination and collaboration events and for developing the ERASMUS+ Application.

On the last day, MK and RP worked at the Application again, while travelling to Germany for the EVBRES core group meeting in Berlin.

DESCRIPTION OF THE MAIN RESULTS OBTAINED

The diverse results of the STSM can be summarized. The three target purposes are fully reached. And additional aspects can be identified.

First of all Dr. Robert Prill reports a personal educational benefit, which is mostly based on the attendance and the high conceptual and teaching quality within the JBI CRSTP. He describes the knowledge increase in conducting high quality systematic reviews to be the largest benefit and looks forwards to conducting his first Review as a responsible author.

Another result is the agreement between JK and RP on conducting an SR on EBR Approaches in physical therapy together. This will be used to identify barriers and facilitators of the EBR Approach in this stakeholder group.

The Erasmus+ Application made good progress and is on a good way to be submitted in time until the next deadline. Two more collaborators from the EVBRES network were identified and will take part in this application.

Within the dissemination activities, for example, the printed interview with MK, RP and the Vice Dean of the Masaryk University | Faculty of Medicine Prof. PhDr. Andrea Pokorná, Ph.D. will help to disseminate the COST idea of transeuropean networking, the EVBRES idea of reducing research waste and stimulates further collaboration of the two involved universities.

FUTURE COLLABORATIONS (if applicable)

Future collaborations are most likely to take place.

One example is the 22nd Annual Meeting of the Ulcer Advisory Panel, where RP was invited by Prof. Andrea Pokorná to submit an abstract and take part in the conference.

Another example is the Reward|Equator conference where MK and RP were looking out together for future collaborations to other individuals and organisations, working within the same field.

Future collaborations were also suggested for the development of physical therapy educational strategies in an academic context.