

University of Social Welfare and Rehabilitation sciences(USWR)

Workshop Organizer:

A collaboration activity between

Department of Physiotherapy, (127thworkshop) &

AkavanMedical & Rehabilitation centre for Treatment, education & Research &

The Specialized centerfor education, research and treatment in Physiotherapy

Workshop Title:

An introduction to Systematic Reviews and Meta-analysis

Will be presented by:

Dr Shapour JaberzadehBSc PT, MSc (Research), MSc Advanced Manipulative Physiotherapy, PhD, GCHPE (graduate certificate in health professional education).

Dr Maryam ZoghiBSc, PT MSc (Research), PhD (neuroscience) NH&MRC research fellow, School of Medicine, University of Melbourne

A systematic review is “a review in which bias has been reduced by the systematic identification, appraisal, synthesis, and, if relevant statistical aggregation of all relevant studies on a specific topic according to a predetermined and explicit method”.

Workshop objectives:

By the end of the workshop, attendees will be able to:

- Read and critically appraise a systematic review;
- Formulate a clear review question;
- Perform a literature search;
- Assess the risk of bias of included studies;
- Develop an analysis plan (including basic steps for meta-analysis).

Who should attend this course?

Those who will be performing a systematic review in the future and those who want to find and read systematic reviews conducted by others. Knowledge about evidence-based health care would be helpful, but is not essential.

Workshop timetable:	
8.30-9.10	Lecture 1: An introduction to systematic review
9.10-9.20	Questions and answers
9.20-10.00	Lecture 2: Focused question and inclusion/exclusion criteria
10.00-10.10	Questions and answers
10.10-10.40	Morning tea
10.40-11.20	Lecture 3: Searching and selection of studies
11.20-11.30	Questions and answers
11.30-12.10	Lecture 4: Quality Assessment of included studies
12.10-12.20	Questions and answers
12.20-13.30	Lunch
13.30-14.00	Lecture 5: Extracting sensible data for your review
14.00-14.10	Questions and answers
14.10-14.40	Lecture 6: An introduction to Meta-analysis
14.40-16.00 * Participants must bring their laptops.	Practical session: Meta-analysis using Revman 5 1. How to make a "Forest Plot" in Revman 5? 2. How to interpret a "Forest Plot"?
16.00-16.15	Closing

Date:

20-January- 2014(2-Bahman-1392)

Cost:

1/000/000 Rial (1/00/000 Toomans)

* **Volunteers** must pay the fee through

5022 2910 1177 8345- Pasargad Bank-GhazaleVahedi and send a SMS including his/her names, last 4 numbers of their cart, the amount, to 0936-119 6090

Capacity:

50 Participants

Location:

Shamloo salon, University of Social Welfare and Rehabilitation sciences (USWR), Koodakyar Str., Daneshjoo Blvd., Velenjak

Scientific Management

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