



An Introduction to Systematic Reviews and Critical Appraisal

(Activity Code: AGI-03-P118)

February 6th 2023, 1pm - 4pm

Venue: ITQAN Clinical Simulation & Innovation Center

Target Audience: All Healthcare Professions

Aim:

To introduce the various types of literature reviews and present on the methodology of systematic reviews (with/without meta-analysis). The session also aims to discuss how to interpret meta-analysis, as well as the steps in critically appraising systematic reviews and implementing the results in an evidence-based approach into practice.

Speakers:

Dr. Linzette Morris: Acting Head of Department Physical Therapy and Rehabilitation Sciences, Assistant professor in Physical Therapy, QU Health.

Prof Derek Stewart: Professor of Clinical Pharmacy and Practice, College of Pharmacy, QU Health

Dr. Mujahed Shraim: Associate Professor of Public Health, College of Health Sciences, QU Health

Time and Speakers	Schedule and Learning outcomes
1:00-1:05	Welcoming and introduction
1:05-2:00 Dr. Linzette Morris	Differentiate between systematic review, scoping reviews, rapid reviews, realist reviews, and narrative reviews. Discuss the methodology and steps in conducting systematic review.
2:00-2:10	Coffee Break
2:10-3:10 Prof Derek Stewart	Explain the process of interpreting meta-analysis. Demonstrate the critical appraisal of a systematic review.
3:10-3:40 Dr Mujahed Shraim	Implement the evidence and results of the critical appraisal of a systematic review into practice using an evidence-based approach.
3:40-4:00	Discussion & Q&As

* The scientific planning committee has reviewed all disclosed financial relationships of speakers, moderators, facilitators and/or authors in advance of this CPD activity and has implemented procedures to manage any potential or real conflicts of interest.

* "This activity is an Accredited group learning activity (Category 1) as defined by Ministry of Public Health's Department of Healthcare Professions - Accreditation Section and is approved for a maximum number of 3 Hours."

* "CPD-HP (QU—Health) is accredited by Ministry of Public Health's Department of Healthcare Professions - Accreditation Section (DHP – AS) as a provider of continuing professional development."



Dr. Linzette Morris, BSc Physio, MSc Physio, MSc Clinical Epidemiology, PhD

Dr Linzette Morris is the acting Head of Department of Physical Therapy and Rehabilitation Sciences and an assistant professor in Physical Therapy at the College of Health Sciences, QU Health, Qatar University. She holds a BSc in Physiotherapy from University of the Western Cape, South Africa, and an MSc Physiotherapy, MSc Clinical Epidemiology and PhD Physiotherapy from Stellenbosch University, South Africa. Prior to joining Qatar University in August 2019, Dr. Morris was a faculty member at Stellenbosch University, South Africa, and was the departmental Postgraduate and Undergraduate research coordinator. Over the years she has taught on undergraduate and postgraduate levels and has supervised/co-supervised 15 MSc/PhD students. Her undergraduate/postgraduate research teaching experience includes systematic reviews and meta-analyses, scoping reviews, epidemiology, health research ethics, biostatistics, scientific writing, postgraduate supervision, clinical practice guidelines, etc.

Her main research interests are: pain science, disability and rehabilitation, cross-cultural adaptation of outcome measures, disease epidemiology and measurement, musculoskeletal disorders as well as understanding the human and economic value of rehabilitation within various settings. She has presented at various international conferences and has more than 20 publications and three book chapters. She has been involved in government commissioned systematic reviews and clinical guidelines. Dr. Morris has collaborated with many international institutions in Europe, UK and USA as well as local institutions like Qatar Olympics and Sport Museum and Hamad Bin Khalifa University.



Prof Derek Stewart BSc (Pharm), MSc (Clinical Pharmacy)(U of Aberdeen), PhD (Robert Gordon U, UK)

Dr. Derek Stewart is Professor of Clinical Pharmacy and Practice at the College of Pharmacy at QU Health.

He graduated with a first class honours B.Sc. Pharmacy from Robert Gordon Institute of Technology in Scotland in 1987. He obtained a M.Sc. in Clinical Pharmacology from the University of Aberdeen in Scotland in 1990 and a Ph.D. from Robert Gordon University in Scotland in 1998. Prior to his appointment at Qatar University he was Professor of Pharmacy Practice at the School of Pharmacy and Life Sciences, Robert Gordon University, Scotland.

He has published over 180 peer-reviewed research papers, supervised 20 PhD students to completion and, while in the UK, secured research income of around £3 million. In 2011, he was awarded the Royal Pharmaceutical Society Practice Research Award for his outstanding contribution to practice research. He is an award winning executive editor of the British Journal of Clinical Pharmacology and a member of the editorial board of the International Journal of Clinical Pharmacy. He is immediate past-Chair of the Research Committee of the European Society of Clinical Pharmacy. His research focuses on: the development, implementation and evaluation of models of pharmacy practice, notably pharmacist prescribing; medicines use, effectiveness and safety; and educational innovation.



Dr. Mujahed Shraim, PhD

Dr. Mujahed Shraim is an Assistant Professor of Epidemiology in the Department of Public Health at Qatar University. He completed his undergraduate degree from City University London, Master of Public Health from Birmingham University, and PhD in Epidemiology from Keele University.

His research examined family specific patterns of pain and symptoms leading to primary care visits, and factors associated with geographic variation in length of work disability in workers with occupational low back pain. His research interests include chronic and painful conditions; mother and child health; health services research; contextual factors associated with variations in health outcomes.