



جامعة قطر
QATAR UNIVERSITY

الصحة
HEALTH

برنامج التطوير المهني المستمر للعاملين في القطاع الصحي
Continuing Professional Development of Health Professionals



وزارة الصحة العامة
Ministry of Public Health
دولة قطر - State of Qatar

Performing and Appraising Meta-analysis

(Activity Code: AGI-03-P120)

January 21st-22nd 2023, 9 AM- 4 PM

Venue: College of Medicine Building H12, Room 126, Qatar University &
delivered through Live Webinar via WebEx

Target Audience: Physicians

Aim:

To introduce the concept of quantitative evidence synthesis and within this specifically aggregate data meta-analysis to clinical researchers. The workshop aims to discuss how to conduct and present the results of aggregate data meta-analyses to clinical researchers who are interested in conducting their own meta-analyses and this will also help them critically appraise meta-analyses and implement their results in an evidence-based approach into their practice.

This workshop is led by Professor Suhail Doi who is an internationally renowned expert in the methodology of meta-analysis and has developed software and methods that are used globally for the conduct of different types of evidence synthesis. He has authored the QE and IVhet methods of meta-analysis that will be discussed as well as the Doi plot for publication bias assessment.

Speakers are from Department of Population Medicine, College of Medicine, QU Health,
Qatar University:

Professor Giri Babu. MBBS, PhD

Dr Tawanda Chivese. RN, PhD

Professor Suhail Doi. MBBS, MClInEpid, FRCP(Edin), PhD

Dr Naseem Khan. MBBS, MSPH, PhD

Practical aspects of the workshop will be facilitated by:

Dr Habib Farooqui. MBBS, MD

Mr Omran Musa. BSc, MSc

The presenters and facilitators of this workshop are experts in the methods of meta-analysis and collectively have contributed significantly to meta-analysis in the medical literature.



Activity Schedule:

Time and Speakers	Schedule and Learning outcomes
January 21st 9:00-11:00 Prof Giri Babu	<ul style="list-style-type: none"> • Structure the data generation for the meta-analysis around a PICO question. • Conduct methodological quality assessment of the included studies.
11:00-11:30	Coffee Break
11:30-13:30 Prof Suhail Doi	<ul style="list-style-type: none"> • Explain meta-analysis and adapt the methods used in the execution of the meta-analysis in clinical settings.
13:30- 14:30	Lunch break
14:30-15:30 Prof Suhail Doi	<ul style="list-style-type: none"> • Compare and contrast meta-analytic outputs and interpret the different plots.
15:30-16:00	Q&As
January 22nd 9:00-10:30 Dr Naseem Khan	<ul style="list-style-type: none"> • Execute basic Stata functions for the analysis of the data.
10:30-11:00	Coffee Break
11:00-13:00 Dr Naseem Khan	<ul style="list-style-type: none"> • Structure the data for the meta-analysis and analyze using Stata.
13:00- 14:00	Lunch break
14:00-16:00 Dr Tawanda Chivese	<ul style="list-style-type: none"> • Summarize the results and interpret heterogeneity and publication bias. • Brainstorm for future research projects

* 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 11 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."