



جامعة قطر
QATAR UNIVERSITY

الصحة
HEALTH

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



Basic principles of quantitative evidence synthesis (meta-analysis)

Activity Code: AGI-03-P159

January 27th 2024, 07:30 to 14:00

Target Audience: Physicians and Medical Staff

Venue: ITQAN SIMULATION CENTRE HMC

Aim:

To introduce the concept of quantitative evidence synthesis and within this specifically aggregate data meta-analysis to surgical residents and faculty. The workshop aims to discuss how to conduct and present the results of aggregate data meta-analyses to clinicians 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

Speakers are from Department of Population Medicine, College of Medicine, QU Health, Qatar University and Department of Plastic Surgery, Hamad Medical Corporation

Professor Suhail Doi: Department Head of Population Medicine, College of Medicine

Dr Muhammad Naseem Khan: Associate Professor of Population Medicine, College of Medicine

Dr Mohamed Badie Ahmed: Medical Doctor in Department of Plastic Surgery, HMC

Dr Tawanda Chivese: Teaching Assistant of Population Medicine, College of Medicine

* 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 4.5 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."



Activity Schedule:

| Time and Speakers | Schedule and Learning outcomes |
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| 7:30 to 8:00 AM Dr. Abeer Alsherawi | <ul style="list-style-type: none"> Registration & opening remarks |
| 08:00-09:30 Prof Suhail Doi | Introduction to evidence synthesis <ul style="list-style-type: none"> Relate evidence based decision making in medicine to evidence synthesis Describe the principles and process underpinning quantitative evidence synthesis. |
| 09:30-10:30 Dr. Naseem Khan | Basic meta-analytic outputs <ul style="list-style-type: none"> Compare and contrast meta-analytic outputs and interpret the results. |
| 10:30-11:00 | Coffee Break |
| 11:00-12:00 Dr. Tawanda Chivese | Examining rigorousness of quantitative evidence synthesis <ul style="list-style-type: none"> Compare and contrast the different measures that assess the reliability of the results. |
| 12:00- 12:45 Dr. Mohamed Badie | Translating surgical evidence into practice <ul style="list-style-type: none"> Relate interpretation of a surgical evidence synthesis to implications for surgical practice. |
| 12:45 – 13:00 | Q&As |
| 13:00- 14:00 | Lunch & coffee break |