

Workshop on Introduction to Systematic Review

DATE: Wed, 20 November - Thurs, 21 November 2019

TIME: 9.00 am – 4.00 pm

VENUE: Monash University Malaysia

[MPS-CPD: 10 points] [MMA-CPD: 10 points]

Program Highlights:

This workshop consists a mixture of interactive lectures, small groups and plenary discussions, along with hands-on sessions, with opportunities to work on your own review.

- Distinguish systematic review from meta-analysis
- PICO frameworks
- Basic search term identification to assist in identifying possible search terms
- Importance of study design filters
- Managing systematic review outputs
- Assessing risk of bias
- Hands-on session using RevMan (Protocol and Meta-analysis)

Who should attend?

Lectures, Postgraduate Students, Researches & Science Officers, Medical Laboratory Technologists

Registration Fees

Students from other institutions	RM 350.00
Participants from other institutions	RM 500.00

Breakfast and lunch will be provided
Certificate of participation will be given

DAY 1 (Wed, 20 November)	Program*	DAY 2 (Thurs, 21 November)	Program*
9.00 am - 9.30 am	Registration, Welcome, Housekeeping	9.00 am - 9.30 am	Registration, Welcome, Housekeeping
9.30 am - 10.30 am	Introduction to Systematic reviews, meta-analyses and forest plots Speaker: Dr Sathiya	9.30 am - 10.30 am	Systematic review search method using online database Speaker: Dr Hasif
10.30 am - 11.00 am	Breakfast	10.30 am - 11.00 am	Breakfast
11.00 am - 11.45 am	Developing search strategies- PICO/PICOS Speaker: Dr Teoh	11.00 am - 12.00 pm	Managing systematic review outputs (Hands-on session) Facilitators: Dr Hasif, Dr Teoh and Dr Sathiya
11.45 am - 1.00 pm	Group activity: Developing own protocol using PICO/PICOS - Inclusion and exclusion criteria Facilitators: Dr Hasif, Dr Teoh and Dr Sathiya	12.00 pm - 1.00 pm	Collecting data and assessing risk of bias Speaker: Dr Teoh
1.00 pm - 2.00 pm	Lunch	1.00 pm - 2.00 pm	Lunch
2.00 pm - 3.00 pm	AND, OR and NOT – beyond the basics Speaker: Dr Sathiya	2.00 pm - 3.00 pm	Hands-on RevMan (Protocol and Meta-analysis) Facilitator: Dr Hasif
3.00 pm - 3.30 pm	Afternoon Tea	3.00 pm - 3.30 pm	Afternoon Tea
3.30 pm - 4.00 pm	Presentation of group activity Facilitators: Dr Hasif, Dr Teoh and Dr Sathiya	3.30 pm - 4.00 pm	Hands-on RevMan (Protocol and Meta-analysis) – Forest plot Facilitators: Dr Hasif, Dr Teoh and Dr Sathiya
4.00 pm	Close	4.00 pm	Wrap up, discussion. evaluation

*subject to changes

Workshop on Introduction to Systematic Review

DATE: Wed, 20 November - Thurs, 21 November 2019

TIME: 9.00 am – 4.00 pm

VENUE: Monash University Malaysia

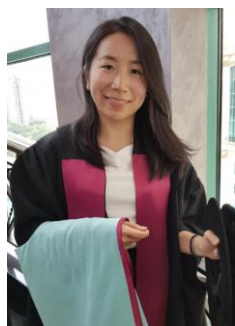
SPEAKERS



Dr Mohamad Hasif bin Jaafar is the Research Manager at the Perdana University – Research Management Center (PU-RMC). He recently completed his Postdoctoral study at the Perdana University- Royal College of Surgeons in Ireland (PU-RCSI). He graduated with a B.Sc. (Hons.) in Applied Science (Biohealth) with Islamic Studies from University of Malaya. Then, he continued with M.Sc. in Medical Science, later converting it to a PhD in Medicine (Geriatric). He has published several papers in geriatric journals. Currently, he is actively involved in organizing workshop in research methodologies and in training of elderly care, all over Malaysia. He is also speaker for systematic review, and qualitative and quantitative research methodology workshops.



Dr Sathiya Maran is a lecturer at the School of Pharmacy, Monash University Malaysia. She recently completed her postdoctoral training in Human Genetics from Perdana University-School of Data Sciences (PU-SDS). She has completed her M.Sc and Ph.D in Human Genetics from the Universiti Sains Malaysia. Her research interests are genetics and environmental influence towards the frequency and severity of diseases in humans. She also focuses in next-generation genomic tools towards capturing genetic determinants, understanding molecular mechanisms and exploring potential biomarkers and advanced personalized medicine associated with non-communicable diseases. She has published 9 peer-reviewed papers, 1 book chapter and 2 books pertaining to genome-wide association (GWAS) and next-generation sequencing (NGS). Currently, she is actively involved in personalised treatment researches, organizing research methodology workshops, and in providing data analysis trainings to academicians and students.



Dr Teoh Siew Li is a lecturer in School of Pharmacy, Monash University Malaysia and a registered pharmacist in the United Kingdom and Malaysia. Her research experience focused on evidence-based medicine (systematic review and meta-analysis) and health economics (economic burden and economic evaluations). She has published 6 systematic review papers including 2 with meta-analysis, mainly evaluating the effectiveness and safety of nutraceuticals as well as health economics studies.