

LIMITED TO 30 PAX



Royal College of
Obstetricians &
Gynaecologists

Malaysia
International Representative Committee

HOW TO PLAN, EXECUTE AND **WRITE-UP** THE PROPOSAL FOR YOUR RESEARCH STUDY

A PRIMER FOR POST-GRADUATE DOCTORS

8.00AM - 4.00PM

SATURDAY

25TH NOVEMBER 2023

**AC HOTEL BY MARRIOTT,
KUALA LUMPUR**

(previously known as Vistana Hotel)

CONTACT FOR ENQUIRIES



ircmsia@gmail.com

The purpose of the workshop is to guide the student on how best to do and submit a research study as required under the parallel pathway programme guidelines. There will be two parts.

The first part involves guiding the student on the most appropriate kinds of study he should embark on – given the constraints of time and his clinical commitments e.g. cross-sectional studies, case control studies, evaluating a diagnostic test, etc. The nature of the study, the method of collecting the data and their advantages and disadvantages of each study design will be covered. It will start with the research question, its hypothesis testing and he or she will be guided on the best way to collect the data but with the idea of its presentation and analysis in mind, including, how to estimate the sample size needed. The session will end with a guide on how to do a literature review using Endnote – an indispensable guide.

The second part of the workshop will involve breakout sessions where each group will be given a research question and they will have to plan and present a proposal for the research question given, utilizing the knowledge and guidance provided earlier.

About the moderator

Professor Kulenthran Arumugam

MBBS (Spore), FRCOG, MD, PhD, LLB Hons (Lond), Dip Epid (Lond), FAMM

Professor Kulenthran graduated from the University of Singapore in 1975. He had an interest in Obstetrics and Gynaecology and went on to obtain his MRCOG in 1982. He then joined the Department of Obstetrics and Gynaecology, University of Malaya the following year as a Lecturer. He rose through the ranks and was appointed full Professor in 1991. He was elevated to a Fellow of the Royal College in 1992. He has the rare distinction of a clinician holding two doctoral degrees, the MD and PhD from the University of Malaya. Having found his niche in research methodology, he moved to the Medical Education and Research Development Unit of the Faculty in 2007 to teach young academicians in Research Methodology and Publication. He is a trained epidemiologist and statistician having read the Postgraduate Diploma in Epidemiology and a Certification in Advanced Statistical Analysis in Epidemiology from the London School of Hygiene. He speaks regularly on clinical epidemiology, statistics and medical writing courses and workshops both within and out-with the Faculty and hence well equipped to talk on the subject, knowledge and guidance provided earlier.

Time	Topic
0800 – 0830	Registration
0830 – 0845	The research question and overview of study designs
0845 – 0915	Hypothesis testing: P-value, 95% confidence intervals and effect size of response or outcome
0915 – 0945	The case control study: Its design, advantages/disadvantages, and method of analysis
0945 – 1015	The cross sectional study: Its design, advantages/disadvantages, the best method of analysis
1015 – 1045	The interventional study: Design, advantages/disadvantages, analysis
1045 – 1100	Break
1100 – 1130	Evaluating a diagnostic test: Design, advantages/disadvantages, analysis
1130 – 1200	The survey
1200 – 1230	Calculating the sample size required
1230 – 1300	How to do a literature review: Using EndNote
1300 – 1400	Lunch
1400 – 1600	Breakout sessions: Writing up the proposal

REGISTRATION & FEES



Fees : RM300 per person

Register via Link

<https://forms.gle/AvPei8peequw9QMT7>

Closing Date: **11 November 2023**

BANK DETAILS

Bank : **Maybank**
 Name of Account : **Persatuan Perwakilan RCOG Malaysia**
 Account Number : **562861-14-9699**

Kindly submit proof of payment together with the registration form. Payment will not be refunded after 11 November 2023.