



PLANNING YOUR RESEARCH STUDY FOR THE CLINICAL MASTERS DEGREE



Prof Dr. Kulenthran Arumugam

MBBS (Spore), FRCOG, MD, PhD, LLBHons(Lond), Dip Epid (Lond)

Professor Dr. Kulenthran Arumugam has been a clinician for more than 40 years. He is also a distinguish researcher having the rare distinction of holding two thesis, an MD and a PhD, both from the Universiti Malaya. He is trained Epidemiologist from the London School of Hygiene, University of London. His interest and speciality is in clinical epidemiology. In addition, he has a Certification in Advanced Epidemiological Analysis from the London School of Hygiene, Practical Statistics for Medical Research from University College London and in a Certification in the Conduct of Clinical Trials, University of Bristol. He has run a number of workshop in Clinical Epidemiology in particular, in the area of evaluating a diagnostic test. He is well versed with the STATA Statistical software and in medical research.

Organised by:
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TIME	TOPIC
08:00AM - 08:30AM	Registration
08:30AM - 09:00AM	Overview of study designs: their advantages and disadvantages
09:00AM - 09:30AM	Some epidemiological and statistical concepts: p value; 95% confidence intervals, strength of association
	Which research designs are the most appropriate for the Masters candidate: Working within the constraints of time without sacrificing quality
09:30AM - 10:00AM	Factors affecting a treatment outcome
10:00AM - 10:30PM	The interventional study
10:30AM - 11:00AM	BREAK
11:00AM - 11:30PM	The dose response study
11:30AM - 12:00PM	Evaluating a diagnostic test END
12:00PM - 12:30PM	How many patients do I need? Calculating your sample size
12:30PM - 01:00PM	Writing up your research proposal: the checklist
	END

