



BASIC ORTHOPAEDIC RESEARCH METHODOLOGY WEBINAR



Ismail Hadisoebroto Dilogo
Indonesia



Lincoln Liow
Singapore



Nathaniel Orillaza
Philippines



Emmanuel P Estrella
Philippines



Chong Pan Pan
Malaysia

An Introduction to Orthopaedic Research Methodology and Study Design



**NEED HELP WITH
YOUR RESEARCH?**
Participation is FREE



a program under Asia Pacific Orthopaedic Research Society
<https://www.apoaonline.com/asia-pacific-orthopaedic-research-society.php>

17 July 2021 / Saturday



8.30am	Istanbul / Riyadh	2.30pm	Seoul / Tokyo
11.00am	New Delhi	3.30pm	Melbourne
1.30pm	Malaysia		

For Registration



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E-Certificate
Provided

CPD Points
Provided

Lecture Section	Module Content	Speaker	Duration (Malaysia Time)
Section 1 Generating hypothesis and research questions	Introduction to Research Methodology •Introduction and Foundation to Research •Problem Identification and Formulation •Types and Methods of Research (Qualitative and Quantitative)	Prof. Dr. dr. Ismail Hadisoebroto Dilogo (Indonesia)	1.30pm-2.00pm
Section 2 Answering the hypothesis and research question	Choosing the Correct Research Tools •The Design of Experiment •The Structure of An Experiment •Random Allocation •Minimization	Clin. Asst. Prof. Lincoln Liow (Singapore)	2.00pm-2.30pm
Section 3 Choosing the right observational study	Types of Studies •Observational Studies •Case-control Study •Cohort Study •Cross Sectional Study	Dr. Nathaniel Orillaza (Philippines)	2.30pm-3.15pm
Section 4 Ensuring good quality data collection	Choosing the Appropriate Data Collection Method •Sampling Techniques or Methods •Methods of Data Collection •Tools for Data Collection	Dr. Emmanuel Estrella (Philippines)	3.15pm-4.00pm
Section 5 Ensuring the optimum and realistic study model/design	Optimum Study Design •How to Select, Discuss, and Argue for the Choice of Design and Methods in a Project Plan	Dr. Chong Pan Pan (Malaysia)	4.00pm-4.30pm