

**RESCHEDULED**  
NEW DATE ANNOUNCED

Organized by:  
Clinical Research Unit, HPUPM



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**HPUPM**  
HOSPITAL PENGAJAR UPM  
PROVIDING EXTRAORDINARY CARE TOGETHER

# COMMON ADVANCED STATISTICS IN MEDICAL & HEALTH SCIENCE

What are they? When to use? How to use them and interpret the outputs?



23<sup>rd</sup> June 2022



8.15 am – 1.00 pm



**ASSOC. PROF. DR. KARUTHAN A/L CHINNA**  
BSc. (Education), MSc. (Applied Stats), PhD (Mgt)  
UCSI University

Upon successful participation, you will receive:

- CPD points
- e-certificate

## REGISTRATION FEE

UPM staff & student	RM50
Non-UPM staff & student	RM100

## TO REGISTER

Scan or click on the QR code



**Reschedule**

For any inquiries, please contact / PM:

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# TENTATIVE PROGRAM

Time	Title	Speaker*
0815-0820	Introductory speech	AP Dr. CBH
0820-0910	General Linear Model (GLM)	AP Dr. Karuthan
0910-1000	Generalized Estimating Equation (GEE)	
1000-1050	Mixed model (MM) / Generalized Linear Mixed Model (GLMM)	
1050-1100	Rest	
1100-1145	Structural Equation Modeling (SEM)	
1145-1245	Examples from analysis with GLM, GEE, MM, GLMM and SEM	
1245-1300	Q&A	

\* CBH ASSOC. PROF. DR. CHEW BOON HOW

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