

**CRC – SGH
Biostatistics
Carnival
9 – 13 June 2017**

**RESEARCH METHODOLOGY & BASIC BIostatISTICS
9th - 11th June 2017
INTERMEDIATE to ADVANCED BIostatISTICS IN MEDICAL SCIENCES
11th -13th June 2017**

**Speaker: Prof Dr Mohd Ayub Sadiq @ Lin Naing, University Brunei Darussalam
Venue: ICT Computer Lab, Level 1, Sarawak Heart Centre, Kota Samarahan**

WORKSHOP CONTENTS

Workshop 1: Research Methodology and Basic Biostatistics Workshop

- Introduction to Medical Research & Research Process Overview
 - Study Design
 - Sampling Techniques
- Reliability & validity of research instrument & bias
 - Endnote application
 - Descriptive Statistics
 - Inferential Statistics
- Independent *t* test & one-way ANOVA
 - Pair *t* test & non-parametric tests
- Preparing and managing data using SPSS
 - Chi-square & Fisher's exact test
 - Correlation & Linear Regression
- Sample size calculation using PS software
 - Data presentation in general

Workshop 2: Intermediate to Advanced Biostatistics in Medical Sciences

- Multiple linear regression
- Analysis of Covariance (ANCOVA)
- Multi-factorial Analysis of Variance
 - Multiple Logistic Regression
 - Survival Analysis

OVERVIEW

The 'Research Methodology and Biostatistics Workshop' is designed to impart basic skills in research methods and biostatistics. These skills will be needed to design and conduct good quality clinical research. Ideally the participant should have a research idea in mind and have the commitment to see the research through to its completion. Obviously, these workshops will not make one an expert on research methods or statistics but hopefully it may provide sufficient impetus to get the participants started.

OBJECTIVES

Upon completion of this workshop, participants should be able to;

- To understand the basic principles of scientific methods as applied to clinical research
- To enquire skills in using necessary methodology, statistical tools and techniques in designing and conducting clinical research

WHO SHOULD ATTEND?

- > Clinicians in the Ministry of Health
- > Any clinicians involved with clinical research
- > Personnel in hospitals & health offices
- > Researchers

LIMITED TO 30 SEATS ONLY



Forward your registration or queries to:

**Zuriah Sarkawi / Sim Kian Tong
082-276820 (Phone) 082-276823 (Fax)
simktg.crc@gmail.com**

Organised by

CRC
SARAWAK GENERAL HOSPITAL
Research that matters to patients

In collaboration with

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COURSE CONTENTS

Workshop 1 : Research Methodology and Basic Biostatistics

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Registration Fees

Workshop	MOH Staff	Non-MOH Staff
Research Methodology & Basic Biostatistics (Workshop 1)	RM 450.00	RM 500.00
Intermediate to Advanced Biostatistics in Medical Sciences (Workshop 2)	RM 550.00	RM 600.00
Taking both Workshops	RM 900.00	RM 1,000.00
★ Discount / Save	RM 100.00	RM 100.00

★ *Discount for participants who registered for both workshops*

PAYMENT DETAILS

Payment must be submitted at least 2 weeks before the workshop. Cash / On-line transfer / Cheque / Local Purchase Order to be made payable to:

LOGOS BIOMED SYSTEMS SDN BHD

Company Reg No: 836019-H

RHB BANK BERHAD

Account No: **21114600014339**

c/o Clinical Research Centre

Sarawak General Hospital

93586 Kuching, Sarawak

Forward registration or queries to:

Mr Sim Kian Tong / Cik Zuriah Sarkawi

Clinical Research Centre

Sarawak General Hospital, Kuching

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simktg.crc@gmail.com



REGISTRATION FORM

Name: Prof / Dr / Mr / Mdm / Ms

Please print name in capital letters as in your identification card or passport

IC/ Passport No: _____

Designation: _____

Department: _____

Institution: _____

Signature:

Contact Details: (Mandatory*)

*Mobile (hp) :

*Email :

Workshop to register (Please tick ✓)

- Basic Biostatistics (Workshop 1) only
- Intermediate / Advanced (Workshop 2) only
- Both Basic and Intermediate/Advanced (1 & 2)

Mode of payment.

- Cash (via CDT / online banking)
- Cheque / Bank draft
- LPO (Approval by HOD given)

Meal request:

- Vegetarian: Non-vegetarian: