

BIostatISTICS : EVERYTHING A CLINICIAN SHOULD KNOW.

This course is aimed to provide the clinician with skills to analyse, interpret and evaluate scientific data and publications. We wish to enhance the learner's understanding of biostatistics and set you off on a path of scientific pursuit.

Highlights:

- **Accomplished faculty.**
- **Small group teaching-25 participants**
- **Case based discussion and interactive sessions**
- **Emphasis on data selection and tests.**
- **Concepts behind the statistics.**
- **Analysis of published data.**
- **Critical journal reading.**
- **Homework assignments.**
- **Training in data entry and use of statistical software's like SPSS , Excel and Google sheets.**
- **Certificate on course completion.**
- **Using reference manager.**

Dates

21.11.2020 : Saturday .

29.11.2020 : Sunday.

Who will benefit from the course ?

Doctors of any medical speciality who have interest in data collection and scientific analysis of data

Kocher's Klub is inspired by the life and works of Nobel laureate, Emil Theodore Kocher.

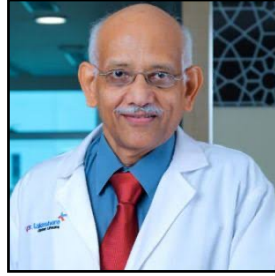
This is an academic initiative under the aegis of Institute of Head and Neck Sciences, VPS Lakeshore, Kochi, Kerala. It is our endeavour to foster a complete perspective of medicine.

We focus on a wide range of topics from basic sciences to recent advances, from bioethics to leadership skills. This gives us a bird's eye view of our speciality and helps us understand our history, focus on today and take up the challenges in medicine and its impact on society head on.

Faculty



Dr. H. Ramesh.
MS, Mch, FACS, FRCS
Director of Surgical
Gastroenterology
VPS Lakeshore Hospital



Dr. Abraham Koshy.
MD, DM, FAASLD
Director of Hepatology &
Director of Research,
VPS Lakeshore Hospital



Dr. T.M. Jacob
MSC, PhD
Associate professor, Statistics
Data scientist &
Expert in research tools



Dr. Prof. Narendranathan M
MD, DM, MPH (USA)
Senior Consultant
Gastroenterologist
Ex-Chairman Project
review committee ICMR.



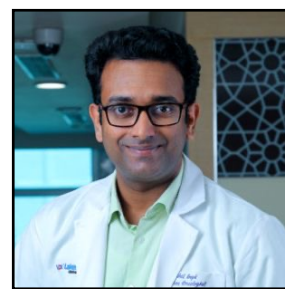
Dr. Betty K
MBBS, PDCR, ACCR, BCCPM,
NFMP
Specialist pain and palliative care
Clinical research



Dr. Aju Mathew.
MD(USA), MPhil (Cambridge)
FACP, AB (Medical oncology,
Haematology, Internal medicine
Consultant Medical Oncology



Dr. Vivek Mathew.
MD, DM (Endocrinology)
Senior Consultant Endocrinologist.
VPS Lakeshore Hospital



Dr. Nikhil Gopi.
MBBS, MD.
Specialist Radiation Oncology
King Hamad University Hospital

Programme agenda.

Day 1 , 21.11.2020 (Saturday)

Session 1: Introduction.

Introduction to the program	Dr. Shawn T. Joseph	9:30 to 9.40 am
Guidelines for the program	Dr. H. Ramesh	9:45 to 9:55am
How to read a paper	Dr. Abraham Koshy	10.00 to 10.10 am
How to write a paper	Dr. H. Ramesh	10:15 to 10:35 am
Different statistics software- What works best?	Dr. T. M. Jacob	10:40 to 11.00 am.

Q and A: 15 min.

Session 2 : SPSS Data Entry.

The basics, the variable and the descriptive. What analysis can be done on what variable.	Dr. Abraham Koshy	11:15 to 11:35 am
Introduction to SPSS- How to enter the variables.	Dr. T. M. Jacob	11:40am to 12:30 pm.

Q and A: 15 min.

Break 30 min

Session 3: SPSS Application.

Parametric and non-parametric tests and their applications	Dr. H. Ramesh	1:15 to 2:00 pm.
Correlation and Regression- How to do using SPSS	Dr. T. M. Jacob	2:15 to 3:15 pm.

Session 4: Clinical trial Part 1

Clinical trial/research challenges for a beginner. What to expect ?	Dr. Vivek	3:20 to 3:35 pm
Intention to treat vs Per Protocol Analysis. Outcome measures in a clinical trial	Dr. Nikhil Gopi	3:40 to 4:10 pm

Programme agenda.

Day 2. 29.11.2020, Sunday

Session 1 : Clinical Trials. Part 2		
The studies: prospective, retrospective, case control, cohort and the randomized study.	Dr. Betty George	9.00 to 9:20 am
Randomization- the good, the bad and the ugly. How to randomize, sample size, ethics of study and publication.	Dr. Narendranathan M	9:25 to 9:45 am
Problem solving session	Dr. Narendranathan M Dr. Vivek	9.50 am to 10.25 am
Q and A 10 min		
Session 2 : Survival and Variate analysis .		
Survival analysis.	Dr. T. M. Jacob	10:35 to 11:30 am
Clinical interpretation of Meta-Analysis and Systematic review .	Dr. Aju Mathew	11:35 to 11:55 am
Univariate and multivariate analysis.	Dr. Narendranathan M	12.00 to 12:50 pm
Q and A:15 min.		
Break :15 min.		
Session 3: Excel , reference manager and Google Sheets.		
Doing more with Microsoft Excel	Dr. Abraham Koshy	1: 20 to 2:20 pm
Using Reference manager	Dr. H. Ramesh	2:25 to 2:45 pm
How to use Google Sheets	Dr. T. M. Jacob	2:50 to 3:10 pm
Break 10 min		

Multiple Choice Exam and Explanation of answers.
3:30 to 5:30pm
Dr. Abraham Koshy , Dr. H. Ramesh,
Dr. T.M. Jacob.

Closing remarks by Dr. Shawn

Registration : Rs. 1000/-

Contact : Dr. Shwetha Shenoy 9526836011

Dr. Mihir : 9745424710

kochersklub@gmail.com

Please transfer the registration amount by NEFT to the below indicated number:

Bank name: HDFC BANK.

Account name : LAKESHORE HOSPITAL AND RESEARCH CENTRE LTD.

Bank city : Kochi.

Bank branch : Pallurthy

IFSC No. : HDFC0001515

Account No: 57500000268175

SWIFT CODE : HDFCINBB

Registration form:

<https://forms.gle/4S1UuVmPmio5ckZ58>

Meeting Link will be mailed to the participants.



Dr. Shawn T. Joseph
Organising Chairman



Dr. Shwetha Shenoy
Organising Secretary



Dr. Mihir Mohan.
Treasurer