

Dear Friends,

Greeting from Tata Medical Center, Kolkata, India.

We are conducting the “6th Tata annual biostatistics and clinical research Methodology course, 2022” in person at Tata Medical Center, Auditorium, from 15th to 17th July 2022. We have limited the number of participants to 100 only to make it interactive and fruitful.

The link for the registration to be completed mentioning the details of electronic payment of course fees are given below:

<https://forms.gle/d5D295NfEhQPig8S7>

The course fee is 7000 INR to be paid electronically to Tata Medical Centre Trust account. We will get back to you within a week of the payment confirming your registration.

NEFT DETAILS

Hospital Name	TATA MEDICAL CENTER
Payee / Cheque Name	TATA MEDICAL CENTRE TRUST
Hospital Address	14, Major Arterial Road (EW), Newtown Rajarhat, Kolkata-700160
Bank Name	HDFC BANK LIMITED
Bank Account No.	00601660000021
Bank Account Type	SAVINGS ACCOUNT
Bank Branch	FORT MUMBAI
Bank Address	Fort Mumbai, Manekji Wadia Building, Ground Floor, Nanik Motwani Marg, Mumbai-400001
IFSC Code:	HDFC0000060
MICR No:	400240015
Swift Code:	HDFCINBB
Nostro Account Details of HDFC Bank	For USD: SWIFT-CHASUS33 A/C No.- 001-1-406717 For EURO: SWIFT- CHASDEFX A/C No.- 623-16-02308

We look forward to welcoming you at Tata Medical Center, Kolkata, in July 2022.

Best regards,
Soumitra and Sanjit
[Course organizers]

Dr Soumitra S Datta

MD (CMC, Vellore), DPM, DNB.
MRCPsych, CCT in Child Psychiatry (UK)

Senior Consultant

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Tata Medical Centre, Kolkata, India
Visiting Researcher, Institute of Clinical Trials and
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Dr. Sanjit Kumar Agrawal

MS (General Surgery),
Fellowship (Surgical Oncology),
Qualification in breast surgery (European board of surgery),
Certificate in Applied Biostatistics (Harvard's University)

Senior Consultant

Department of breast Oncosurgery
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Programme For 6 th Annual Tata Biostatistics & Clinical Research Methodology Course, July 15 th – 17 th July 2022		
Day 1(15/07/2022) – Statistics in Clinical practice		
Registration: 08.00-09.00 am		
Time	Topic	Speaker
09.00 – 09.10 am	Introduction to program	Sanjit Agrawal
09.10 – 09.20 am	Welcome speech	Prof. Vaskar Saha
09.20 – 09.50 am	Types of data/measurement scales/measurements of central tendency/dispersion	Dr. Manas Roy
09.50 – 10.20 am	Bivariate statistics (Chi square, Fisher exact test, Student t test, Man Whitney test)	Dr. Sanjit Agrawal
10.20 – 11.00	Tests of significance (p-value and confidence interval)	Dr. Sanjit Agrawal
11.00 – 11.30 am	Tea break	
11:30 – 12:30 pm	Correlation and regression	Dr Soumitra Shankar Datta
12.30 – 01.30 pm	Survival Analysis- an overview	Dr Sanjit Agrawal
01.30 – 02.30 pm	Lunch	
2.30 – 5.30 Workshop (Tea Break – 15 minutes – 4 pm)		
Group 1	Pubmed search and Reference Management (Zotero)	Dr Paul (CMC Vellore)
Group 2	SPPS hands-on training	Sanjit Agrawal and SS Datta
Day 2 (16/07/2022): Diagnostic test, IMADS & Grant Application		
09.00 - 09.45 am	Diagnostic accuracy testing (Sensitivity, Specificity, predictive power, ROC curve)	Dr Indranil Mallick
09.45 – 10.45 am	Writing a paper (IMRAD)	Dr Soumitra Shankar Datta
10.45 – 11.15 am	Tea Break	
11.15 -12.30 am	Summary of research Protocol writing	Dr. Prateek Jain
12.30 – 01.30 pm	Case Control and cohort study	Dr Moses Arun Singh
1:30 – 2:30 pm	Lunch	
2.30 – 5.30 Workshop (Tea Break (15 minutes) 4 pm)		
Group 2	PubMed search and Reference Management (Zotero)	Dr Paul (CMC Vellore)
Group 1	SPPS hands-on training	Sanjit Agrawal & SS Datta

Day 3 (17/07/2020): Clinical Research Methodology		
09.00 - 10.30 am	Randomized controlled Clinical Trials (Randomization, Blinding, Allocation concealment)	?
10.30 – 11.00 am	Tea break	
11.00 – 12: 00 pm	Meta – analysis	Dr. Soumitra Shankar Datta
12.00 - 01.30 pm	Critiquing a journal (Group task/ Presentation - Cross sectional studies/Case Control/Cohort studies/ RCT/ Meta - analysis)	All Faculty
01.30 – 02.30 pm: Lunch, Feedback and certificate distribution		

Learning Outcomes from the workshop

Prerequisites

Basic knowledge of computers, using the keyboard, mouse and Windows is required. This is an Intermediate level program, so we will teach you all about Pumbed, Zotero and SPSS and then how to get the most of it for day-to-day use. *We request you to download software – Microsoft Office, Zotero and SPSS in your personal laptop.*

Workshop 1 (PubMed Search and Zero):

- Pubmed Search
- Creating account and compiling the articles
- Maintaining bibliography
- Advanced search
- Citation download
- Setting up a database of references from previous literature search
- Adding, Editing and correcting the references in the database.
- Retrieving references stored in Zotero
- Creating a bibliography of selected references
- Inserting references in MS Word document
- Adding journal abbreviations and altering output styles
- How to search the Internet for publications from within Zotero
- How to merge Zotero databases
- How to create a list of references for a large document (e.g., a thesis)

Workshop 2 - SPSS hands on Training

- Apply the basic statistical tools learnt during the course.
- Manipulate variables
- Transform data for analysis

- Recode and compute variables
- Describe data
- Understand the basic principles for choosing and conducting basic statistical tests.
- Perform the following basic statistical tests using SPSS in Data Set :
 - a) Check normalcy of data
 - b) Parametric and non parametric tests
 - c) Chi square and Fisher exact test
 - d) Student t and man Whitney test
 - e) Kaplan Meier curve
 - f) Cox regression analysis.