







INDIAN CLINICAL TRIAL AND EDUCATION NETWORK



ADAPTIVE TRIALS: PRINCIPLES AND ROLE OF STATISTICS

Discover the power of adaptive trials—where innovative design meets statistical rigor

Speakers



Dr. Niveditha DevasenapathyProgram Head, Academic Clinical Trials Unit,
India, George Institute India



Dr. Arpita GhoshHead Statistics & Data Science & Program
Lead - Multimorbidity, George Institute India





Time **04:00 pm - 05:15 pm**

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Adaptive trials: principles and role of statistics

17 January, 2025

AGENDA

Time	Session	Speaker/Panelists
4:00-4:05 PM	Welcome Address	Dr Aparna Mukherjee Scientist F & Head Clinical Studies & Trials Unit, ICMR HQ, New Delhi
4:05-5:00 PM	Principles of Adaptive design and role of statistics in design of adaptive design	Dr. Niveditha Devasenapathy Program Head, Academic Clinical Trials Unit, India, George Institute India Dr. Arpita Ghosh Head Statistics & Data Science & Program Lead - Multimorbidity, George Institute India
5:00-5:15 PM	Question & Answers	All participants



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Indian Clinical Trial and Education Network

Clinical Studies & Trials Unit, Division of Development Research, Indian Council of Medical Research, Department of Health Research, New Delhi – 110029











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SPEAKER



Dr. Niveditha Devasenapathy is a medical doctor with PhD in Health research based in India. She has 15 years of off-campus and on-campus teaching experience in clinical research methods. She is keen in research capacity strengthening of researchers to improve quality of research. She currently heads the academic Clinical trials unit at the George institute. She is also actively engaged in optimizing management of clinical trials data using less resource-intensive methods. Her current research interests are in improving patient care in post knee replacement rehabilitation using digital technologies and is involved in trials related to rheumatic heart disease



Dr Arpita Ghosh is a Biostatistician by training. She has over 13 years of experience in application of statistical methods to problems in public health and biomedical science. Her research cuts across different therapeutic areas – cardiovascular disease, chronic kidney disease, and mental health. Arpita has helped design several epidemiological studies and randomized controlled trials. She also has expertise in analyses of routinely collected administrative data. Arpita currently holds a Wellcome Trust/DBT India Alliance Intermediate Fellowship (2023–27) on identifying multimorbidity patterns in Indian adults using different data sources.

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