



Biostatistics Consortium

Presents Webinar on

Sample Size Determination

in Medical Research

December 16 – 19, 2021
4 – 6 PM

This webinar will cover the methods and formulas to determine sample size for various situations and different parameters, including estimation where margin of error is specified and testing of hypothesis where power is specified. This can help in writing a valid protocol as well as for sample size paragraph in a medical research article.

Learning Objectives

1. To understand the difference between estimation and testing of hypothesis setups;
2. To understand which formula to be used where;
3. To be able to calculate sample size for different setups.

Registration fee: Rs 1500

Mode: Online (<http://biostatisticsconsortium.com/>)

For Whom:

Any Bio-medical Post-Graduate student/ researcher/faculty or practicing statisticians or statistical assistants.

Pre-requisites:

Basic Bio-statistics concepts on summary statistics

Contact us: biostats.consortium.india@gmail.com



SAMPLE SIZE DETERMINATION IN MEDICAL RESEARCH

December 16 – 19, 2021

Day 1: Dec 16, 2021	Title	Speaker
04.00 pm to 4:30 pm	Overview of concepts of sample size	Dr. Gayatri Vishwakarma
04.30 pm to 5:00 pm	Study Designs	Dr. Smita Asthana NICPR, Noida
05:00 pm to 5:45 pm	Objective and Sample size	Dr. Swati Patel Department of Community Medicine, SMIMER, Surat
05:45 pm to 6:00 pm	Q/A Session	
Day 2: Dec 17, 2021	Title	Speaker
04.00 pm to 4:45 pm	Importance of sample size calculation, components, Ethical and methodological issues	Dr. Abhay Indrayan President, Biostatistics Consortium
04:45 pm to 05:45 pm	How to minimize the minimum sample size?	Dr. SN Dwivedi Professor, Biostatistics AIIMS, New Delhi
05:45 pm to 6:00 pm	Q/A Session	
Day 3: Dec 18, 2021	Title	Speaker
04.00 pm to 5:45 pm	Sample size calculation for Estimation: Formula and Examples	Dr. Rajeev K Malhotra AIIMS, New Delhi
05:45 pm to 6:00 pm	Q/A Session	
Day 4: Dec 19, 2021	Title	Speaker
04.00 pm to 5:45 pm	Sample size calculation for Hypothesis Testing: Formula and Examples	Dr. Rajeev K Malhotra AIIMS, New Delhi
05:45 pm to 6:00 pm	Q/A Session and Feedback	
06:00 pm to 06:15 pm	Vote of thanks	