

Learning By Doing Workshop

Sample Size Calculation for Cross-Sectional Study



WORKSHOP OVERVIEW

1. Introduction to the concepts of cross-sectional study design and sample size.
2. Sample size calculation: manual methods and statistical software.
3. Parameters influencing sample size: Implications on data interpretation
4. Sample size calculation: Learning by doing exercises
5. Understanding and interpreting the published examples
6. Reporting of sample size in the cross-sectional study

Patron

Dr Pankaj Bhardwaj, Director
ICMR-NIIRNCD

Organiser

Dr Praveen Kumar Anand, Scientist F
ICMR-NIIRNCD

Dr Mukti Khetan Scientist C
ICMR-NIIRNCD

Supporting team

Mr Pankaj Kumar, TO, NIIRNCD
Mr Manish Prajapati, TA, NIIRNCD

LEARNING OBJECTIVES

1. Learn cross-sectional study design
2. Sample size estimation
3. Factors influencing the sample size and their implications

WHO CAN APPLY

1. Researchers and academicians
2. Medical and public health professionals
3. Ph.D. and postgraduate students in biomedical sciences
4. Those interested in epidemiological or Public health based research

 **29 December 2025**
Monday

 **10.00 am-5.00 pm**

 **ICMR-NIIRNCD (Desert
Medicine Research Centre,
Pali Rd, Bhagat Ki Kothi,
Jodhpur, Rajasthan 342011**

 **9251501461**



Scan the QR to Register

Registration fee - 750/-

Applications before 25th December, 2025 will be accepted.