



Sample Size Determination in Health Research

(Activity Code: AGI-03-P149)

November 21st 2023, 10am - 12pm

Venue: Qatar University – Building I06

Target Audience: All Healthcare Professions, Health Researchers including faculty members, Clinical Researchers and Graduate Students

Aim: To provide training on the software where questions will be answered throughout the workshop by an experienced biostatistician who has expertise in sample size calculation in health research

Speakers

Dr Waqas Sami Assistant Professor of Pre-Clinical Affairs, College of Nursing, Qatar University Health

Activity schedule:

Time and Speakers	Schedule and Learning outcomes (LO)
10:00-11:10am Dr. Waqas Sami	<ul style="list-style-type: none"> ➤ to define sample size & power analysis and explain its importance in health research. ➤ to recognize the key factors that affect sample size calculations, including effect size, significance level, and variability. ➤ to identify the different types of sample size and power analysis calculations and select the appropriate formula ➤ to determine the sample size for a variety of study designs (cross-sectional studies, case-control studies, and cohort studies etc.) and statistical tests like t-tests, ANOVA, correlation etc. ➤ to determine the sample size and power analysis using software ➤ to interpret and apply the results of sample size and power calculations to their own research studies.
11:10-12:00pm	Panel Discussion – Q & A

* The scientific planning committee has reviewed all disclosed financial relationships of speakers, moderators, facilitators and/or authors in advance of this CPD activity and has implemented procedures to manage any potential or real conflicts of interest.

* "This activity is an Accredited group learning activity (Category 1) as defined by Ministry of Public Health's Department of Healthcare Professions - Accreditation Section and is approved for a maximum number of 2 Hours."

* "CPD-HP (QU—Health) is accredited by Ministry of Public Health's Department of Healthcare Professions - Accreditation Section (DHP – AS) as a provider of continuing professional development."