INDUS HOSPITAL
&
HEALTH NETWORK

CLINICAL RESEARCH TRAINING SERIES

RANDOMIZED CONTROLLED CLINICAL TRIAL (RCT) TRAINING COURSE

Objectives:

- Understand why and when randomized Controlled trials are optimally conducted.
- Address the key questions in designing a trial, including strategies to enhance trial recruitment and sample size calculation.
- Examine the critical issues involved in planning, conducting and completing a successful trial
- Provide a basic understanding of the statistics used to plan and analyze RCTs

Curriculum:

The course includes a series of workshop-based sessions about clinical trial research
[see attached program of course as Annexure 1].

Teaching Facilitators:

Prof. Faridah Amin
Ms. Nida Ghouri
Dr. Nabeel Baig
Mr. Imran Sheikhani
Dr. Saima Perwaiz Iqbal
Ms. Rabia Khan

Who can attend?

All individuals who are planning or actively involved in trials, or are interested in furthering their knowledge of trial methodology, this course is for you. It is ideal for those early in their career or those looking for a refresher course, as it provides an overview of all elements of an RCT. We welcome applications from clinical and non-clinical researchers and other health care professionals.

Registration:

Participants can apply through the online registration form.

Registration Fees

- IHHN employees: Rs. 8000
- Non-IHHN participants: Rs. 15,000

Duration:

3 months (one session per week)

Mode of teaching:

Online sessions and face-to-face hands-on workshops
(also completely online option available)

Assessment and Certification:

A certificate shall be given to all participants who successfully complete the course.

Criteria for successful completion of course

Pre- and post-test
A score of 70% is mandatory to successfully complete the course
- 30% weightage of assignments
- 70% weightage of final Protocol submission

Feedback:

Feedback will be taken after each session from participants to improve the quality of the program.

Opportunity for Research Internship:

An opportunity for research internship will be provided to the participants upon request.

At the end of course participants will be able to:

- Describe the key features of the randomized controlled trial and explain why it provides the best evidence of the effectiveness of healthcare interventions.
- Formulate a clear research question using the PICO (Population, Intervention, Comparison, Outcome) format.
- Describe the regulatory and ethical legal frameworks that govern trials and list the processes implemented into trials to ensure patient safety and data integrity.
- List and define the essential documents and management plans required to plan and deliver efficient and successful randomized controlled trials.
- Recognize the benefits of involving patients and the public in the design and delivery of trials.
- Identify the varied roles and responsibilities of specialist trial staff.
- List the information that a statistician needs to calculate the required sample size for a trial; recognize some of the key issues and considerations when analyzing the results of a trial and interpret statistical results.
- Identify the necessary guidelines for the dissemination and publication of trial findings.