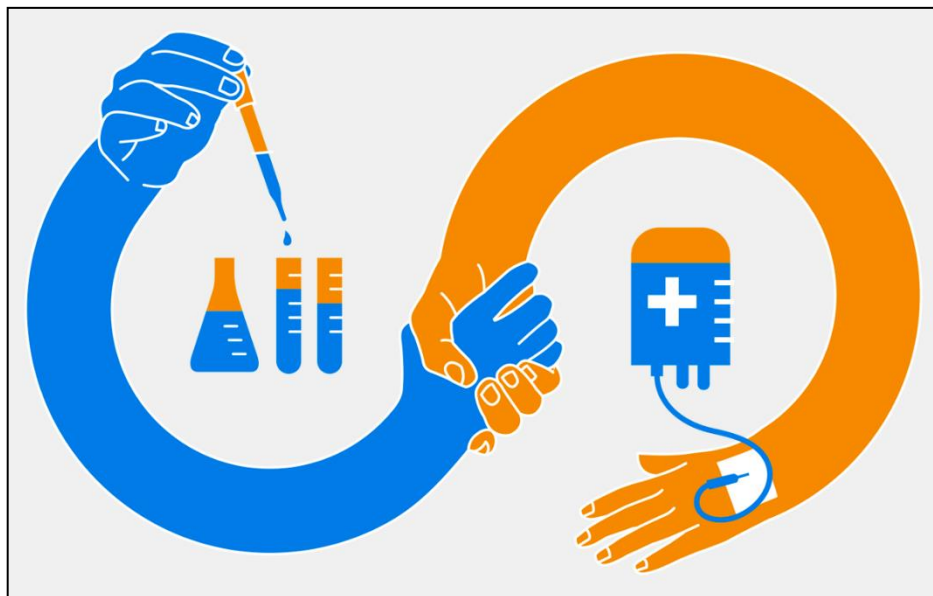


**Workshop
on**

Principles and Practice of Clinical Research

13-14th November, 2018



Organized by:

**ICMR-Regional Medical Research Centre
(Dept. of Health Research, MoHFW, Govt. of India)
Chandrasekharapur, Bhubaneswar-751023**

Workshop on “Principles and Practice of Clinical Research”



Date: 13-14th November, 2018
ICMR-Regional Medical Research Centre
Bhubaneswar

Introduction

Clinical research is a branch of medical science that determines the safety and effectiveness of medications, devices, diagnostic products and treatment regimens for humans. These may be used for prevention, treatment, diagnosis or for relieving symptoms of a disease. Clinical research is different from clinical practice. In clinical practice established treatments are used, while in clinical research evidence is collected to establish a treatment. The term "clinical research" refers to the entire bibliography of a drug/device/biologic, in fact any test article from its inception in the lab to its introduction to the consumer market and beyond.

Contents

- ❖ Introduction to Clinical Research & its Importance
- ❖ Study Design (Observational)
- ❖ Study design (Interventional)
- ❖ Sample Size and Power
- ❖ Descriptive Statistics, Outcome Measures and Response Variables
- ❖ National Ethical Guidelines for Bio-Medical and Health Research
- ❖ Literature review and search
- ❖ Research Publications and Scope at ICMR

Who should attend?

The workshop is intended for faculties of various government and private medical colleges & hospitals who are or intend to be involved in Clinical Research.

Preference would be given to Junior faculties, Senior Residents and nodal officers of Multidisciplinary Research Units (MRUs) at various medical colleges. A maximum of 30 candidates will be selected based on nomination by their respective institutes.

Resource person

1. **Dr. Ravindra Mohan Pandey**, Professor & Head, Dept. of Biostatistics, All India Institute of Medical Science, Ansari Nagar, New Delhi – 110029
2. **Dr. M. Vishnu Vardhana Rao**, Scientist-G & Director, ICMR-National Institute of Medical Statistics, New Delhi
3. **Dr. N.C.Jain**, Scientist-G and Head, Division of Human Resource Planning and Development, Indian Council of Medical Research, New Delhi

4. **Dr. Roli Mathur**, Scientist-E, ICMR-National Centre for Disease Informatics and Research, Bengaluru
5. **Jobez Paul Barnabas**, Information specialist, Cochrane South Asia, Christian Medical College, Vellore

About RMRC

The ICMR-Regional Medical Research Centre is one of the 26 institutes under the aegis of Indian Council of Medical Research (Dept. of Health Research, MoHFW, Govt. of India). The Centre has focused its activities in areas of research in both communicable and non-communicable diseases, human resource development programme and in establishing strong linkage with State Health Department in finding solutions to the regional health problem. Besides basic and applied research, translational research has been taken up in operational mode. The center also offers PhD in various areas, dissertation and training courses for MD, MPH, M.Sc./M.Tech/B.Tech students and other personnel. The institute has also started academic programme on MPH course from this year.

Course Director & Advisor

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