

# CLINICAL RESEARCH

**6 Months Advanced Diploma**

**Any Life Science,  
Medical Science, Pharmacy  
Student/professional can join**



**Job Prospect: Medical Industry/Research**



## TOPICS TO BE COVERED

- 1.A Historical Perspective on Clinical Research
- 2.Ethical Principles in Clinical Research
- 3.Researching a Bioethical Question
- 4.Integrity in Research: Individual and Institutional Responsibility
- 5.Institutional Review Boards
- 6.Data and Safety Monitoring Boards
- 7.Data Management in Clinical Trials
- 8.Unanticipated Risk in Clinical Research
- 9.The Regulation of Drugs and Biological Products by the Food and Drug Administration
- 10.Legal Issues
- 11.Rules to Prevent Conflict of Interest for Clinical Investigators Conducting Human Subjects Research
- 12.National Institutes of Health Policy on the Inclusion of Women and Minorities as Subjects in Clinical Research
- 13.Clinical Research: A Patient Perspective
- 14.The Clinical Researcher and the Media
- 15.An Introduction to Biostatistics: Randomization, Hypothesis Testing, and Sample Size Estimation
- 16.Design and Conduct of Observational Studies and Clinical Trials
- 17.Small Clinical Trials
- 18.Large Clinical Trials and Registries - Clinical Research Institutes
- 19.Using Secondary Data in Statistical Analysis
- 20.An Introduction to Survival Analysis
- 21.Measures of Function and Health-Related Quality of Life
- 22.Overview of Technology Development
- 23.Technology Transfer
- 24.Writing a Protocol
- 25.Evaluating a Protocol Budget
- 26.Data Management in Clinical Research: General Principles and a Guide to Sources
- 27.Getting the Funding You Need to Support Your Research: Navigating the National Institutes of Health Peer Review Process
- 28.Clinical Research from the Industry Perspective
- 29.Human Genome Project, Genomics, and Clinical Research



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