

## Advance Post Graduate Diploma in Clinical Data Management & SAS

**100% Placement | Industry Accredited Program | Specialization | Triple Certification**

With India now clearly positioned as the preferred Clinical Trials destination, outsourcing Clinical Data Management and Biostatistics services to India is attracting major Pharmaceutical and R&D Organizations and CROs globally. India today offers excellent IT infrastructure, skilled manpower ethics and cost efficient solutions in this field. Most global companies have now presence in India, and several other companies are in the process of setting up data management and biostatistics business in India.

Cliniminds offers wide range of Clinical Data Management & SAS training programs designed primarily for the students of life sciences, biotechnology, statistics, pharmacy, clinical research and allied health professions. Program would be invaluable to professionals entering the pharmaceutical, biotechnology and contract research companies, who wish to gain the broader understanding of clinical data management, study design, data management plan, research methodology, statistical analysis, interpretation in clinical trials and many more topics.

The program has been divided into the four modules. In the first module, we cover the basic aspects of Clinical Data Management. In the second module, we cover core CDM knowledge like data validation and data development etc. In the third and fourth modules, we focus on SAS programming, clinical data analysis and reporting using SAS software

### Program Structure:

- Total duration of the program is 6 months
- Classroom training : 3 months
- Project Internship at Data Management CRO or CDM Software / IT company for the period of 3 months

### Career Options Upon Successful Completion of the Program:

- Data Management Associate
- Data Entry Operators
- Data Validation Executive
- Junior Programmer
- SAS Programmer
- Biostatisticians

These positions are at CROs, pharmaceutical companies, IT companies, consulting firms and pure data management companies.

Once you gain experience, you can grow into middle to senior positions, with significant professional and salary growth.

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International : US | UK

### Advantages of Cliniminds Programs :

- Industry Accredited & Certified
- Hands on Practical Training on Clinical Data Management & SAS software in real clinical research environment on authentic software
- Software Access
- Dual Certification, including certification by leading Data management CRO or Data Management Software company
- Job Oriented Programs
- 100% Placement Support.

<b>Mode</b>	: Classroom / <b>Online</b> /Distance Learning
<b>Eligibility</b>	: BDS, BHMS, BAMS, BUMS, BPT, B.Pharms, Graduate/Post Graduate Degree in Statistics, Life Sciences, Mathematics, Pharmacology, Pharmacy, Medical Laboratory, Nursing, Biochemistry, Microbiology, Biotechnology and all professionals working with Pharmaceutical companies, CROs and Hospitals.
<b>Methodology</b>	: Printed Training Modules, Online e-learning System
<b>Examination</b>	: Online MCQs / Classroom Exams / Project / Viva
<b>Certificate</b>	: Certificate would be awarded upon successful completion of the program. Program is Certified & Accredited by the <b>Pharmaceutical Society of India.</b>
<b>Accreditation</b>	: Accreditation would be awarded upon successful completion of the program. Program is Certified & Accredited by the <b>Swiss Association of Pharmaceutical Professionals (SwAPP) &amp; Swiss Society of Pharmaceutical Medicine.</b>
<b>Job Assistance</b>	: Placement support would be provided to the successful candidates. CVs of successful candidates would be forwarded to CROs Hospitals and Pharmaceutical companies and Interviews would be organized.
<b>Fee payment</b>	: Fee Payable by Cash, Cheque / Bank draft in the name of “ <b>TENET HEALTH EDUTECH PVT LTD.</b> ” payable at Delhi. Fee can also be deposited in company bank account. We also accept Credit/Debit Cards.
<b>International Payments</b>	: Through Debit/Credit cards using Paypal or wire payment through banks

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**Program Details:** The program would cover

**Module I**

**Clinical Data Management**

- Introduction to Data Management
- Study Set Up
- CRF Design Considerations
- Data Entry, Remote Data Entry
- Identifying and Managing Discrepancies
- Medical Coding
- Database Closure
- Clinical Database & Types
- Data Management Plan
- Electronic Data Capture
- Tracking CRF Data
- Managing Lab Data
- Collecting Adverse Event Data
- Creating Reports and Transferring Data
- Enterprise Clinical Data Management Tools

**Module II**

**CLINICAL DATA ANALYSIS AND REPORTING USING SAS SOFTWARE**

- Study set-up
- Introduction to Clinical Database
- Documents, guidelines used in CDM
- Data Entry
- Data Review/Data Validation, Query Management
- Database QC
- CRF Design (Introduction)
- Database Design (Introduction)
- Edit Check & Edit Check Testing
- UAT (User Acceptance Testing)
- SOPs
- Quality Assurance, Audits

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### Module III

#### **SAS programming**

- Setting Started with SAS
- Components of SAS
- Reading various types of Raw data
- Working with SAS Datasets
- Combining datasets
- Working with SAS Arrays
- Proc SQL
- SAS Macro Language
- Basic Statistical Procedures

### Module IV

#### **Clinical data analysis and reporting using SAS software**

- Introduction to Clinical Trials
- Understanding and Reviewing Statistical Analysis Plan
- Annotating the Mock Tables
- Creating Dataset Specifications
- Creating Analysis Datasets
- Creating Tables/Listings/Figures

#### **Course Objectives:**

- ❖ To provide a comprehensive introduction to the Clinical Data Management, & SAS in Clinical Research process.
- ❖ Understanding of key enterprise SAS & Clinical Data Management tools.
- ❖ Become more familiar with roles/jobs as part of the study team.

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