



**4<sup>TH</sup> ANNUAL SHORT COURSE IN CLINICAL RESEARCH METHODOLOGY  
CLINICAL RESEARCH SECRETARIAT**

**Overview:**

The Clinical Research Secretariat of Tata Memorial Hospital conducts an annual short course in Clinical Research Methodology. This year's course will be held over three Saturdays in August 2010, with two sessions per day.

The course will focus on various aspects of the design, conduct and reporting of clinical trials. Topics covered will include the formulation of a research question, proper study design, conduct of research, and analysis of data obtained, proper interpretation and publication of results

**Dates:** 14<sup>th</sup>, 21<sup>st</sup>, 28<sup>th</sup> August 2010

**Venue:** Rustom Choksi Auditorium, Tata Memorial Hospital

**Course outline:**

| <b>Date / Time</b>                                  | <b>Module</b>                    | <b>Topics likely to be covered</b>   |
|---|----------------------------------|--|
| 14 <sup>th</sup> August 2010<br>(Morning session)   | Module – 1: Getting started      | <ul style="list-style-type: none"><li>• Introduction to Clinical Research</li><li>• Generating a Research Question</li><li>• Writing a protocol</li><li>• Literature search</li><li>• Study Design</li></ul> |
| 14 <sup>th</sup> August 2010<br>(Afternoon session) | Module – 2: Clinical Trials      | <ul style="list-style-type: none"><li>• Basics of Randomized Controlled Trials</li><li>• Conduct of a RCT – practical aspects</li><li>• Funding for trials</li></ul>   |
| 21 <sup>st</sup> August 2010<br>(Morning session)   | Module – 3: Statistics – Part I  | <ul style="list-style-type: none"><li>• Types of data</li><li>• Summarising data</li><li>• Distribution of data</li><li>• Statistical tests</li></ul>  |
| 21 <sup>st</sup> August 2010<br>(Afternoon session) | Module – 4: Ethics               | <ul style="list-style-type: none"><li>• Good Clinical Practice</li><li>• ICMR guidelines</li><li>• Informed consent</li><li>• Monitoring and Adverse event reporting</li></ul>                               |
| 28 <sup>th</sup> August 2010<br>(Morning session)   | Module – 5: Statistics – Part II | <ul style="list-style-type: none"><li>• Odds ratio / Relative Risk</li><li>• p value and Confidence Intervals</li><li>• Correlation and regression</li><li>• Survival analysis</li></ul>                     |
| 28 <sup>th</sup> August 2010<br>(Afternoon session) | Module – 6: Reporting            | <ul style="list-style-type: none"><li>• Writing a paper</li><li>• Case Reports</li><li>• Reading a paper</li><li>• Systematic Reviews</li></ul>  |

\* **Some topics may vary depending on availability of speakers**

\*\* **Details of individual modules with lecture timings will be displayed on the website [www.tatamemorialcentre.com](http://www.tatamemorialcentre.com) by 7<sup>th</sup> August 2010**

**Please see accompanying registration form for registration details**

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