Statistics for Medical Research  
Basic level course  
Presented by  
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Venue: LRC, the computer lab, 1st floor

Structure: 3 days course with a maximum of -20 participants (from 9.00 am to 2.00 pm)

Purpose of the program and course
The course is designed to provide the participant with the basic knowledges and skills enable them to understand and use Statistics for Medical Research.

Candidates criteria: Participants with no or minimal knowledge about statistics.

Objectives:
To be aware with the basic statistics for medical research
To be familiar with and able to use the SPSS program
To understand descriptive statistical methods and statistical estimation
To be able to choose and use the proper statistical tests either parametric or non-parametric tests.

Methodology:

Interactive Lectures: highlighting all the topics
Discussions: to investigate and address the participants concerns and queries
Practical Hands-on: A computer device with SPSS program will be allocated for each candidate and all steps will be followed and corrected by the instructor.

Curriculum

Introduction to statistics.
Introduction to SPSS program
Descriptive statistics
Contingency tables
Statistical estimation
Paired T-test & hypothesis testing
Unpaired T-test
Chi square test
ANOVA tests
Non-parametric test.

Fees: 550 LE