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| **Research Methodology** | | | |
|  | **Part 1 (9th August 2023)** |  |  |
| **Duration** | **Topic** | **Speaker** | **Moderator** |
| 20 mins | Generating hypothesis and research question | Dr Rashmi Salhotra (Professor, Dept of Anaesthesiology and Critical Care, UCMS and GTBH, Delhi) | Dr R S Rautela  (Director Professor and HOD,  Dept of Anaesthesiology and Critical Care, UCMS and GTBH, Delhi) |
| 20 mins | Aims, Objectives, Outcome Measures | Dr Alpana Raizada  (Professor, Dept of Medicine, UCMS and GTBH, Delhi) |
| 20 mins | Introduction and Review of Literature | Dr Asha Tyagi  (Director Professor, Dept of Anaesthesiology and Critical Care, UCMS and GTBH, Delhi) |
| 30 mins | Common study designs | Dr Amir Khan Maroof  (Professor, Dept of Community Medicine, UCMS and GTBH, Delhi) |
|  | **Part 2 (16th August 2023)** | **Speaker** | **Moderator** |
| 30 min | Part I: Sample size determination. | Dr Amir Khan Maroof  (Professor, Dept of Community Medicine, UCMS and GTBH, Delhi) | To be decided…. |
| 60 min | Part II: How to conduct common statistical tests (SPSS demonstration)   * Types of variables * t-test; paired t-test; * Chi-square, Fisher’s exact test; * One-way ANOVA, * Simple correlation, * Common non-parametric tests; * ROC analysis. | Dr Asha Tyagi  (Director Professor, Dept of Anaesthesiology and Critical Care, UCMS and GTBH, Delhi) |