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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) |