WORKSHOP OVERVIEW

WORKSHOP 1: Research questions and protocol development

The purpose of this five-day module is to develop a thorough understanding amongst participants about what operational research is all about and to ensure that a draft research protocol is prepared. The teaching will be through lectures, discussions, exercises and use of completed and published operational research. Most important, the participants will actually develop their research questions and written protocols during the week with the support of the facilitators.

Brief content overview:
- Introduction to operational research
- Research terminology
- Asking the right research questions
- Aims and Objectives
- Developing research protocols
- Patients and data
- Simple analysis
- Reference management
- Ethics

Output:
Draft study protocol written by each participant.

WORKSHOP 2: Data management and analysis

The purpose of this module is to ensure that participants understand the importance of good data quality and have the skills to prepare an efficient electronic data entry form, based on principles adaptable to their specific needs.

Brief content overview:
- Importance of good data
- Designing an efficient data entry instrument (EpiData)
- Making an efficient computer data entry questionnaire
- Entering and validating data entry
- Applying the knowledge to specific needs of individual participants
- Introduction to data analysis
- Exercises

Output:
Draft instrument for electronic data entry for each participant.
WORKSHOP 3: Writing a scientific paper

The purpose of this five-day module is to help participants use the results of their scientific study and turn it into a draft article for submission for publication. How to deal with on-line submission and editors’ and reviewers’ comments will also be covered.

Brief content overview:
- Learn the principles of writing a scientific paper in a step by step manner
- During the module, write a draft paper
- Learn how to deal with online submission and peer review

Output:
Draft manuscript to be submitted to a scientific journal and draft evidence for policy brief produced.

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