



ICMR ADVANCED CENTRE FOR EVIDENCE BASED
CHILD HEALTH



October 30

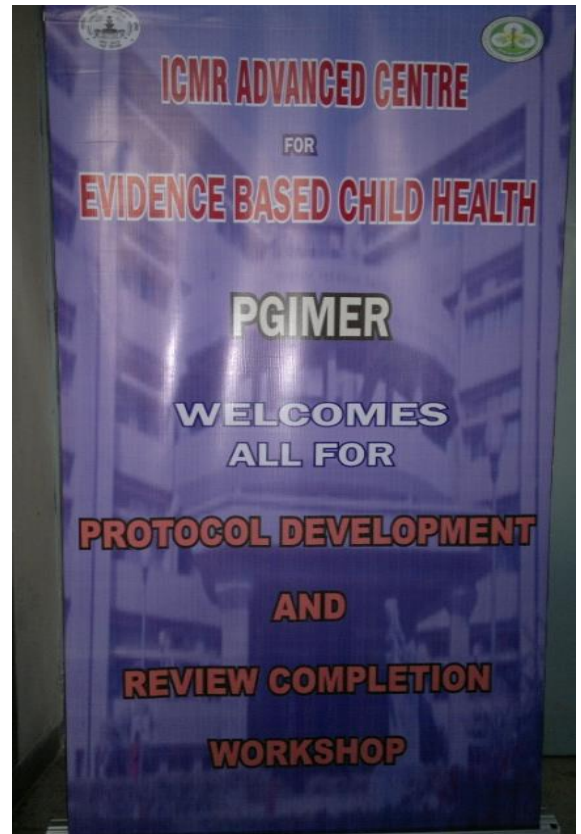
Telemedicine Center,
Nehru Hospital
Chandigarh

2013

PROTOCOL DEVELOPMENT AND
REVIEW COMPLETION

Workshop

The ICMR Advanced Center for Evidence Based Child Health PGIMER, Chandigarh, organized a one day workshop “Protocol Development and Review Completion” on 30th October, 2013 at Telemedicine Centre, Nehru Hospital, PGIMER. Participants from the centre and Deptt. Of Microbiology, Oral Health, School of Public Health, Nursing College and LLRM, Meerut attended the same, with their research questions and protocols. The workshop appraised the participants about how to develop a protocol and conduct systematic reviews. It also provided an



opportunity for the participants to come up with research questions pertaining to their field of expertise and learn about the steps to systematically access studies pertaining to their research question. It also provided an insight into critical appraisal of published and unpublished studies to build up a systematic review and meta-analysis, to further strengthen the use of ‘Evidence Based Medicine’ in day-to-day practice.

LIST OF PARTICIPANTS WHO ATTENDED THE WORKSHOP

Tutors

1. Dr. Meenu Singh
2. Dr. Nusrat Shafiq
3. Dr. T. Kiran Kumar
4. Dr. Nishant P. Jaiswal

Participants

5. Dr. Saniya Mariam
6. Dr. Praveen Kumar
7. Dr. Payas Joshi
8. Dr. Tarun Sharma
9. Dr. Chirag Patel
10. Dr. Rahul Monunkar
11. Dr. Suman
12. Dr. Devashish
13. Dr. Deepak Bindra
14. Dr. Ishita Jindal
15. Mrs. Surinder Kapoor
16. Dr. Bajrang Lal
17. Dr. Vinay
18. Dr. Megha
19. Mr. Sunil Kumar
20. Dr. Rais Ahmed
21. Dr. Nitya
22. Dr. Amit Aggarwal
23. Mr. Pankaj
24. Mr. Munish Kumar
25. Mr. Saurabh

PROCEEDINGS

A brief introductory round for tutors and participants was held after registration for the workshop.

The session started with Dr. Meenu Singh asking the participants about their knowledge and insight into the field of 'Evidence Based Medicine'. The participants voiced out their views and opinions about systematic reviews and 'Evidence Based Medicine', Dr. Meenu Singh delivered an introductory lecture on "Relation between Evidence Based Medicine and Systematic Reviews". She discussed:

- The timeline since 'Evidence Based Medicine' has been introduced.
- The pioneers and torch-bearers in the field of 'Evidence Based Medicine'.
- What systematic reviews are, their requirement and how do they fit in 'Evidence Based Medicine'.
- How to develop a research question and pre-requisites for a systematic review.
- How to search articles from various databases such as PubMed and EMBase.
- How to retrieve full text articles of the screened studies.
- How to write a protocol and the steps to be followed for registering a protocol.
- Steps for protocol development of systematic reviews.
- Steps for developing a search strategy for a review. She explained the steps with examples for strategies from Pubmed (Medline) and EMBASE data-bases.
- She explained the risk of bias in various studies and grading of evidence.
- She also explained how to extract data.
- Dr. Nishant P. Jaiswal and Dr. T. Kiran Kumar discussed how to develop a search strategy and how to retrieve a full text article from various data-bases.
- They also explained the use of RevMan for protocol development.

In the afternoon session, Dr. Meenu Singh discussed individual research questions from each participant and explained about the steps to be adopted for drafting a protocol. She helped the participants move further in their review by guiding them and answering

their doubts and queries. She and her team helped in completing reviews of those participants who were on an advanced stage of their review.

Dr. Nusrat Shafiq took another session where she elaborated the steps of protocol development. In an interactive session with the participants, she helped them gain in-depth knowledge and cross any hurdles they were facing in their own reviews.

