



Advanced Centre For Evidence-Based Child Health
Advanced Pediatrics Centre
Post Graduate Institute of Medical Education & Research
Sector - 12; Chandigarh-160012



SHORT COURSE
**"HOW TO PRACTISE EVIDENCE
BASED CHILD HEALTH"**
11th-13th Jan, 2013

LIST OF MEMBERS WHO ATTENDED THE COURSE

Tutors:

1. Dr. Meenu Singh
2. Dr. Amarjeet Singh
3. Dr. Joseph L. Mathew
4. Dr. Nusrat Shafiq
5. Mrs. Neelima Chadha
6. Ms. Harpreet Kaur
7. Dr. T. Kiran Kumar
8. Dr. Nishant P. Jaiswal

REGISTERED PARTICIPANTS

1. Ruchi Saini
2. Mukta
3. Dr. Diganta Saikia
4. Mrs. Richa Gupta
5. Dr. Suman Bala Sharma
6. Dr. Kapil Goyal
7. Ajay Kumar
8. Shruti Sharma
9. Avaneesh Kumar Pandey
10. Harish Negi
11. Dr. Tanushree Sahoo
12. Amit Agarwal
13. Dr. Kirshna Mohan
14. Dr. Ramesh Kumar
15. Dr. Annapoorani
16. Dr. Amulya
17. Dr. Vimlesh Seni

Proceedings

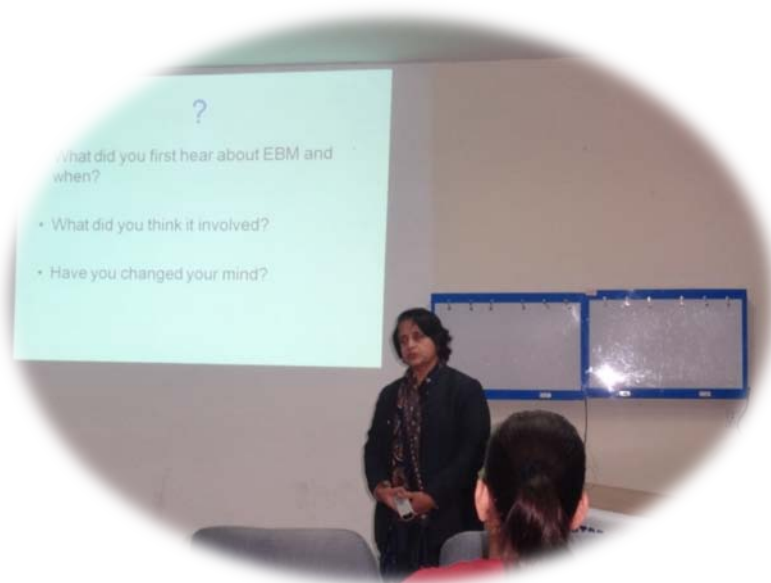
11th Jan'2013

Day 1

The centre initiated the short course on “HOW TO PRACTISE EVIDENCE BASED CHILD HEALTH” on 11th Jan, 2013 at 9:00 A.M, APC seminar room. Participants from different departments of the institute and from New Delhi were addressed by Dr. Meenu Singh. A pre-test for the short course was conducted.

Dr. Nusrat Shafiq discussed about intervention studies: types of randomization, population, sample size etc. The critical appraisal of the intervention study was done according to the checklist provided in the learning material.

In the afternoon session, the participants had hands-on-practice with PUBMED Database and conducted searches with Mrs. Neelima Chadha. Participants were familiarized with the use of MeSH terminology for performing searches in PUBMED.



Dr Meenu Singh addressing the participants



Participants' introduction



Refreshment break



Introductory lecture by Dr. Meenu Singh



Dr. Nusrat Shafiq in discussion with participants

12th Jan, 2013

Day 2

The day began with plenary session for diagnostic tests. The session was conducted by Dr. Joseph L. Mathew. He explained the importance of Gold Standard concept, sensitivity and specificity. The participants attended diagnostic test appraisal session. The critical appraisal of the diagnostic study was done according to the checklist provided in the learning material.

In the afternoon session the participants had hands-on-practice with EMBASE Database and conducted searches with Mrs. Neelima Chadha. They were familiarized with the use of Emtree (controlled vocabulary tool) for performing searches in EMBASE database.



Dr. Joseph Mathew discussing the Diagnostic test study



Dr. T. Kiran kumar discussing about the appraisal of diagnostic test study



Mrs. Neelima Chadha explaining about the search methodology

13th Jan'2013

Day 3

The concluding day was devoted to study of systematic reviews. Dr. Meenu Singh delivered the plenary lecture on how to conduct a systematic review and also educated the participants about how to write a protocol followed by the critical appraisal of review, session taken by Dr. Nishant and Dr. Kiran jointly. A demo of Cochrane Library and searches in that were also conducted.

In the afternoon, participants were given post-test for the course and feedback questionnaires were taken from them followed by certificate distribution.



Dr. Meenu Singh discussing about the systematic reviews



Certificate distribution

Pre-test and Post-test Analysis

A total of 13 participants have given the Pre-test conducted on 11th January 2013. At the end of workshop on 13th January 2013 same number of participants have given the post-test. The mean difference between Pre-test ($10.41 \pm .66$) and Post-test analysis ($16.53 \pm .73$) was statistically significant demonstrating that the participants performed better during the post-test as compared to the pre-test ($p < 0.0001$) (Figure 1).

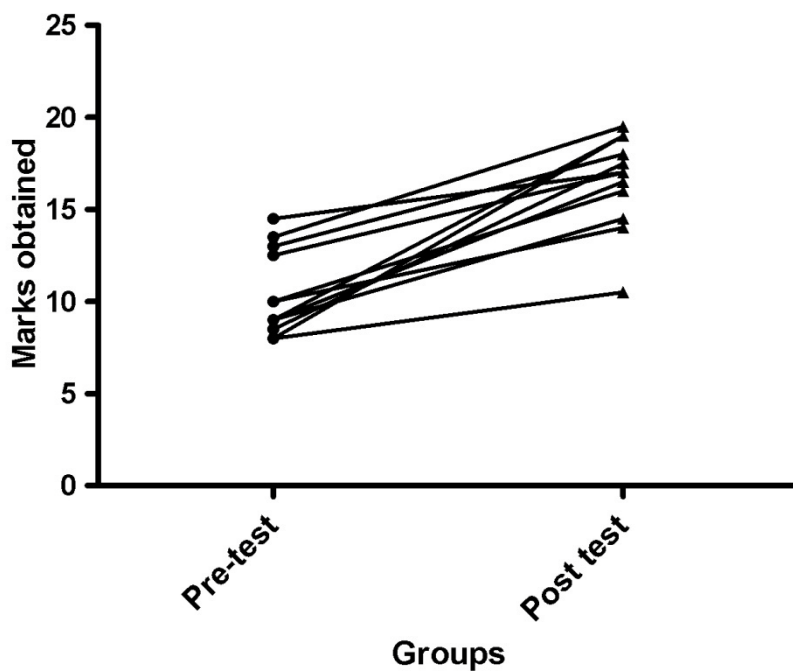


Figure 1. Analysis of pre-test and post test groups.
P<0.0001 was considered to be significant

Course Evaluation Questionnaire

All the participants were asked to fill the feedback forms regarding the plenary session, systematic reviews, literature search , group discussion and impact on the use of evidence based strategy in future practice. A total of 11 feedback forms were received from the participants. All the participants were asked to mark or rate the performance given as numbers (1-poor to 5-excellent) and they rated the performance as shown below:

- I. Thirty seven percent of the participant felt that the course objective was well met and rated good and 59% rated excellent.
- II. Fifteen percent of the participants read the preparatory material for the appraisal session before the workshop.
- III. Only 16% of participants felt that the work shop material given was too much.
- IV. The 75% of participants rated excellent and 25% rated good regarding the relevance of small group sessions. The 67% of participants rated excellent, 33% rated good regarding the teaching of small group sessions
- V. The 83% of participants felt relevance of intervention study as good and 17% as excellent. The 67% of participant rated teaching of the Intervention session as excellent and the remaining 33% of participants felt good.
- VI. The 84% of participants felt relevance and teaching of the Diagnostic tests session was excellent and the remaining 16% of participants felt good.
- VII. The 84% of participants felt relevance and teaching of carrying out a systematic review session was excellent and the remaining 16% of participants felt good.
- VIII. The 77% of participants felt excellent where the plenary sessions were useful in helping to understand how to use evidence in practice and the remaining 23% of participants felt good.
- IX. The 25% of participants rated excellent the way in which the groups were facilitated and the remaining 42% and 33% of participants felt good and above average
- X. The 75% of participants rated excellent the relevance of the course to their work and the remaining 25% of participants felt good.

- XI. 77% of participants rated excellent that the course will have impact on the use of evidence in future research and the remaining 33% of participants felt good.
- XII. The 58% of the participants enjoyed the small group sessions and rated them excellent and the remaining 52% of participants felt good.
- XIII. All the participants were interested in learning more about evidence based medicine. The 57% of the participants are interested in all i.e, training to be a tutor, advanced workshop on practicing evidence based course for children and running groups at work place, interested in advanced workshop on practicing evidence based course for children, interested in training to be a tutor and interested in running groups at their work places.

Group
Photograph



Certificate