



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 TEACH EVIDENCE
BASED CHILD HEALTH”

3rd July 2014 - 5th July 2014

R.P.G.M.C, Tanda, Himachal Pradesh

ICMR Advanced Centre for Evidence Based Child Health conducted a short course on “How to Teach Evidence Based Child Health” from 3rd July 2014 to 5th July 2014 at RPGMC Tanda, Himachal Pradesh. The participants from various departments attended the course.

LIST OF MEMBERS WHO ATTENDED THE COURSE

Tutors:

1. Dr. Meenu Singh
2. Dr. Nivedita Sharma
3. Dr. Seema Sharma

REGISTERED PARTICIPANTS

1. Dr. Bharti
2. Dr. Dheeraj Singha
3. Dr. Anita Kumari
4. Dr. Sushma
5. Dr. Pratibha Himval
6. Dr. Ajay Sood
7. Dr. Renu Chauhan
8. Dr. Rajesh Sharma
9. Dr. Sanjeev Chaudhari
10. Dr. Jyoti Sharma
11. Dr. Raman Sharma

12. Dr. Nikhil Verma
13. Dr. Ajay Vaid
14. Dr. Anju Vig
15. Dr. Rajinder Kumar
16. Dr. Vimal Mahajan
17. Dr.V.D.Dogra
18. Dr. Sandesh
19. Dr. Rahul Gupta
20. Dr. Piyush Gautam
21. Dr. Atul Gupta
22. Dr. Anup Kahyap
23. Dr. Maninder Rana
24. Dr. Parveen Kumar
25. Dr. Arvind Kumar
26. Dr. Naveen Sharma
27. Dr. Shikha Verma
28. Dr. Aman Singh
29. Dr. Sushant Sharma
30. Dr. Usha Chaudhary
31. Dr. Akshay Minhas
32. Dr. Mitasha Singh
33. Dr. Shailja Sharma
34. Dr. Des Raj
35. Dr. Bipin K. Nair

36. Dr. Mahesh

37. Dr. Saugat Ghosh

38. Dr. Anil Kumar Verma

39. Dr. Gaurav Sharma

40. Dr. Ankit Shukla

41. Dr. P. Bansal

42. Dr. Kapil Dev

43. Dr. Deepak k. Sharma

44. Dr. Nitin Kumar

45. Dr. Minal Gupta

46. Dr. Vikram Mahajan

Proceedings

03rd July 2014

Day 1

The centre initiated the short course on “HOW TO PRACTISE EVIDENCE BASED CHILD HEALTH” on 03rd July 2014 at 9:00 A.M, at Conference hall of RPGMC Guest House.

Dr. Anil Chauhan, Principal of Rajendra Prasad Medical College Tanda, Himachal Pradesh inaugurated the course and welcomed Dr. Meenu Singh and her team. Dr. Sanjiv Choudhary, HOD, Dept. Of Pediatrics, Rajendra Prasad Medical College Tanda briefed the participants about the course and its utility. Participants from Various departments of the institute were then addressed by Dr. Meenu Singh which was succeeded by a pre-test for the short course.

Dr. Meenu Singh coached the participants about various teaching methods. She undertook short exercises to develop various teaching skills amongst participants. Dr. Meenu Singh also gave lecture on the difference between syllabus and curriculum. Dr. Sunil Demonstrate the staining technique to simplify the difference between curriculum and syllabus.





4th July

Day2

Dr. Nivedita Sharma conducts session about appraisal of RCT (Randomized Controlled Trail). Pre lunch session comprised of small group discussions and hands-on critical appraisal of Intervention study according to the checklist provided in the learning material which was co-ordinated by Dr. Nishant Jaiswal and Dr. Kiran Kumar Thumburu.

Afternoon session was started by Dr. Amit Agarwal who demonstrated Pubmed, including Mesh terms. He also demonstrated Embase.







5th July

Day 3

In the morning session, Dr. Meenu Singh introduced the participant to systematic Review. Dr. Seema Sharma taught the participants about critically appraising the systematic review and the method to interpret systematic review. Following her lecture Dr. Meenu Singh along with Dr. Nishant and Dr. Kiran discussed critical appraisal of Systematic Review.

Valedictory Ceremony followed the session. Dr. Anil Chauhan and Dr. Meenu Singh distributed the certificates to participants and Tutors. Dr. Meenu Singh felicitated Dr. Anil Chauhan and Dr. Sanjiv Choudhary with mementoes.







Pre-test and Post-test Analysis

A total of 46 participants have given the Pre-test conducted on 3rd July, 2014. At the end of workshop on 5th July, 2014 same number of participants have given the post-test. The mean difference between Pre-test (7.30 ± 2.61) and Post-test analysis (15.31 ± 3.85) was statistically significant demonstrating that the

participants performed better during the post-test as compared to the pre-test ($p < 0.0001$) (Figure 1).

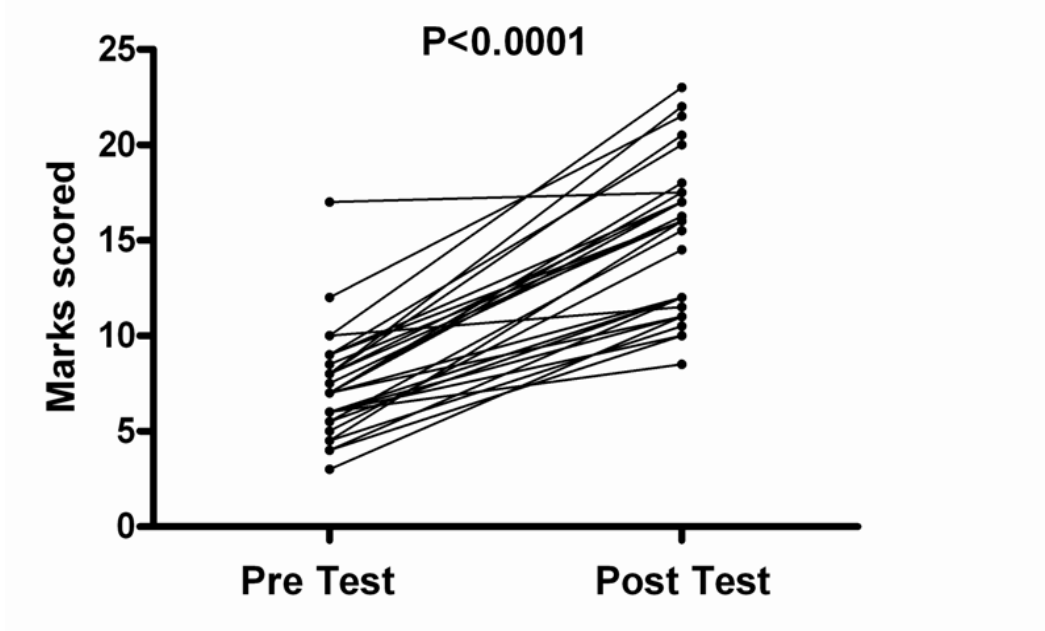


Figure 1. Analysis of pre-test and post test groups.

$P < 0.0001$ 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 46 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. Forty percent of the participant felt that the course objective was well met and rated good and 70% rated excellent.
- II. Ten percent of the participants read the preparatory material for the appraisal session before the workshop.
- III. Only 10% 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 78% of participants rated excellent, 22% 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 77% of participant rated teaching of the Intervention session as excellent and the remaining 23% of participants felt good.
- VI. The 88% of participants felt relevance and teaching of the Diagnostic tests session was excellent and the remaining 12% of participants felt good.
- VII. The 78% of participants felt relevance and teaching of carrying out a systematic review session was excellent and the remaining 22% of participants felt good.

- VIII. The 87% of participants felt excellent where the plenary sessions were useful in helping to understand how to use evidence in practice and the remaining 13% of participants felt good.
- IX. The 28% of participants rated excellent the way in which the groups were facilitated and the remaining 39% and 33% of participants felt good and above average
- X. The 76% of participants rated excellent the relevance of the course to their work and the remaining 24% of participants felt good.
- XI. 88% of participants rated excellent that the course will have impact on the use of evidence in future research and the remaining 12% of participants felt good.
- XII. The 76% of the participants enjoyed the small group sessions and rated them excellent and the remaining 24% of participants felt good.
- XIII. All the participants were interested in learning more about evidence based medicine. The 69% 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

