



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”
28th -31st July, 2012
REPORT



The PGIMER under the aegis of ICMR has established Advanced Centre for Evidence Based Child Health in Advanced Pediatric Centre (APC) with Prof. Meenu Singh being the principal investigator. The centre initiated the short course on "HOW TO PRACTISE EVIDENCE BASED CHILD HEALTH" on 28th July, 2012 at 5.00 P.M, APC auditorium. Participants from different departments of the institute as well as from GMCH, Sector-32, Chandigarh and MAMC, New Delhi had attended the course from 28th to 31st July 2012. The short course trained the participants in critical appraisal of various clinical trials and introduced them with evidence based child health. Participants were also provided with hands-on experience of using various medical databases (PUBMED, EMBASE, Cochrane library etc.) subscribed in the institute library.

*List of members
who have attended
the course*

TUTORS

1. Dr. Meenu Singh
2. Dr. Bhavneet Bharti
3. Dr. Joseph L. Mathew
4. Dr. Samir Malhotra
5. Dr. Venkateshan S.
6. Dr. Nusrat Shafiq
7. Dr. Rakesh Kumar
8. Dr. Jitendra K. Sahu
9. Mrs. Neelima Chadha

FACULTY MEMBERS/RESOURCE PERSONS

1. Dr. Lata Kumar (Former HOD, Dept. of Pediatrics)
2. Dr. O.N. Bhakoo (Former HOD, Dept. of Pediatrics)
3. Dr. Rajkumar (Panjab Univ.)
4. Mr. Vinod Grover (Panjab Univ.)
5. Dr. Harjit Singh
6. Dr. Rajinder Singh
7. Dr. J.S. Thakur
8. Mrs. Madhu Sharma
9. Dr. Sandhya Ghai
10. Dr. Vijay Kumar (Punjab Medical Council)

REGISTERED PARTICIPANTS

1. Dr. Abha Pawar
2. Dr. Om Prakash Bera
3. Anil Chauhan
4. Dr. Kathirvel S.
5. Dr. Madhu Gupta
6. Dr. Razia Adam
7. Dr. Ramesh Kumar R.
8. Dr. Bal Krishan Sharma
9. Manan Bawa
10. Dr. Saptharishi L.G.
11. Nandini Paul
12. Ajay Patial
13. Dr. Roosy Aulakh
14. Blessy Elizabeth Philip
15. Amit Aggarwal
16. Dr. Annapoorani
17. Dr. Parveen Narsaria
18. Lalita Dheer
19. Dr. Kiran Kumar Thumburu
20. Dr. Nishant P. Jaiswal
21. Harpreet Kaur
22. Dr. Rekha Hans
23. Dr. Neeraj Gupta
24. Dr. Vinod G.
25. Dr. Sumeet R. Dhawan
26. Dr. Karthik Narayanan
27. Dr. Smita Pattanaik

OTHERS

1. Dr. Suresh
2. Dr. Vinod Sharma
3. Dr. Rohan
4. Dr. Lins Paul
5. Dr. Venkatesh
6. Dr. Piyush
7. Dr. Govind
8. Dr. Krishna Mohan

SECRETARIAL STAFF

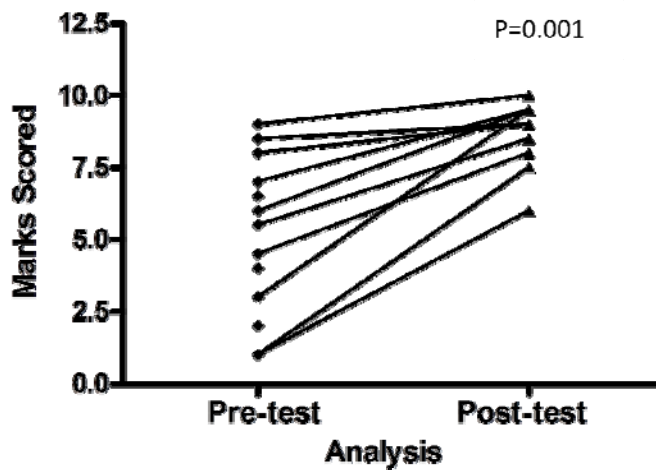
1. S.D. Rana
2. Mamta Rani
3. Pankaj Pant
4. Suresh

*Pre-test and
Post-test Analysis*

The page features a decorative layout of lines on the right side. It consists of two vertical lines and two horizontal lines. The two vertical lines are parallel and extend from the top to the bottom of the page. The two horizontal lines are parallel and extend from the left edge to the right edge, with the bottom-most line being slightly longer than the one above it.

Pre-test was conducted on 28th July 2012 and a total of 15 participants were given the test. Post-test was conducted on 31st July 2012 (at the end of work shop) and a total of 13 participants were given the test. The difference between Pre-test and Post-test analysis showed significant change and the participants performed better during the post-test when compared to the pre-test ($p=0.001$) (Figure 1).

Figure 1

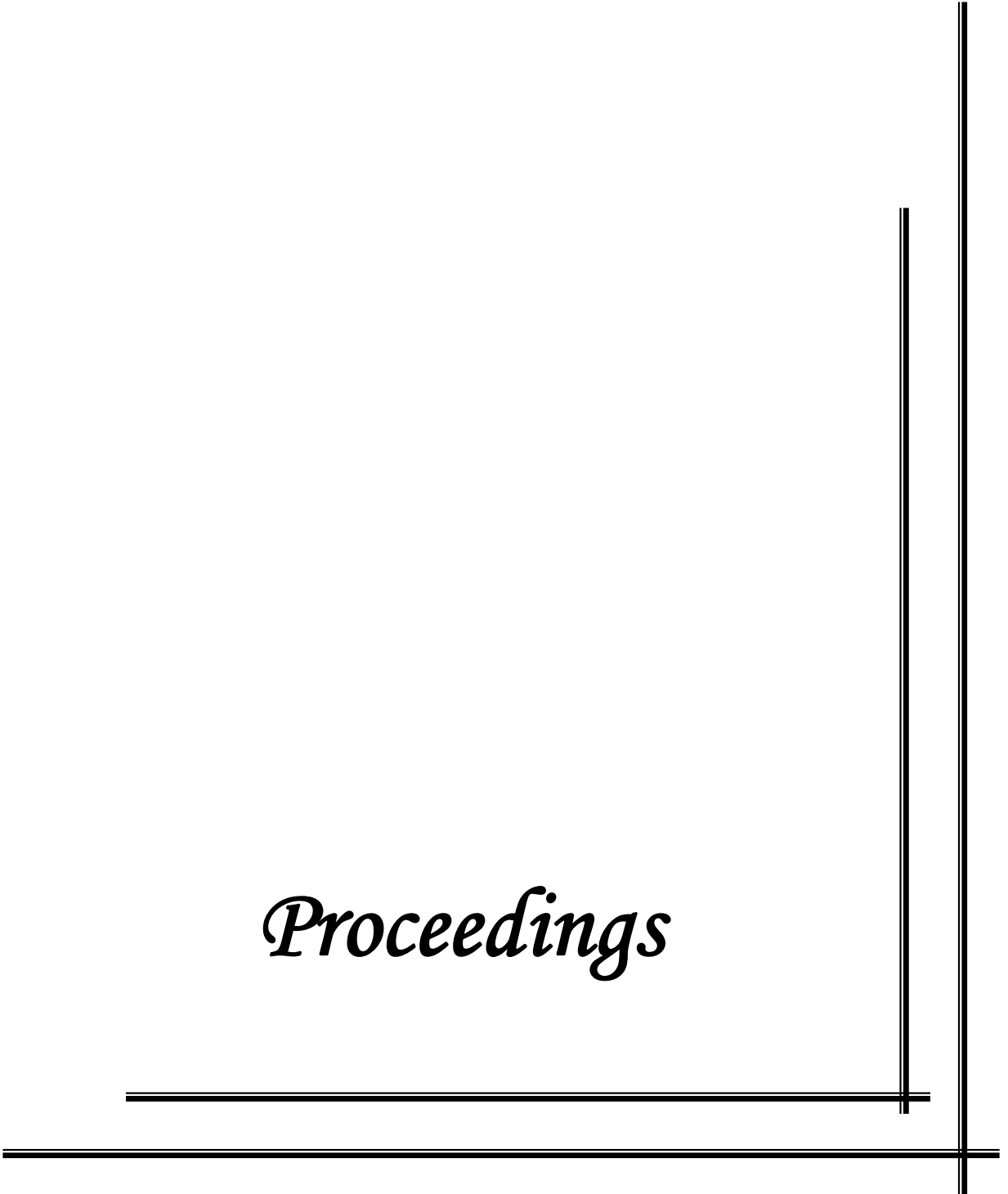


*Course Evaluation
Questionnaire*

At the end of the workshop, all the participants were asked to fill the feedback forms regarding the plenary sessions, systematic reviews, group discussions, literature search and impact on the use of evidence in future practice. A total of 20 feedback forms were received from the participants. The participants were asked to mark or rate the performance given as numbers (1-poor to 5-excellent).

1. 60% of the participant felt that the course objective was well met and rated excellent.
2. 70% of the participants read the preparatory material for the appraisal session before the workshop.
3. 60% of participants felt that the work shop material given was too much.
4. 85% of participants rated excellent regarding the relevance and teaching of small group sessions.
5. 75% of participants felt relevance and teaching of the Intervention session was excellent
6. 60% of participants felt relevance and teaching of carrying out a systematic review session was excellent. 20% of participants felt good and the remaining 20% felt above average.
7. 72% of participants felt excellent where the plenary sessions were useful in helping to understand how to use evidence in practice.
8. 80% of participants rated excellent the way in which the groups were facilitated.
9. 60% of participants rated excellent the relevance of the course to their work.
10. 86% of participants rated excellent that the course will have impact on the use of evidence in future research.
11. 80% of the participants enjoyed the small group sessions and rated them good.
12. All the participants were interested in learning more about evidence based medicine. 50% of the participants are interested in training to be a tutor and the 80% of the participants are interested in advanced workshop on practicing evidence based course for children.

Proceedings



28th July, 2012

Day 1

The centre initiated the short course on “HOW TO PRACTISE EVIDENCE BASED CHILD HEALTH” on 28th July, 2012 at 5.00 P.M, APC auditorium. Participants from different departments of the institute as well as from GMCH, Sector-32, Chandigarh and MAMC, New Delhi were addressed by the principal investigator, Dr. Meenu Singh. A brief introductory round for the participants as well as for the tutors was held. The awareness about the Evidence Based Child Health and the role to be played by ICMR Centre in this area was updated by Dr. Meenu Singh. Dr. Lata Kumar, former head of the department and guest of honour for the evening shared her valuable experiences in the field and distributed the course material to the participants. A pre-test for the short course was conducted followed by division of participants into two groups and dinner.



**Principal Investigator
addressing the participants**



Participants' introduction



Tutors introduction



Distribution of course material by Dr. Lata Kumar



Refreshment break

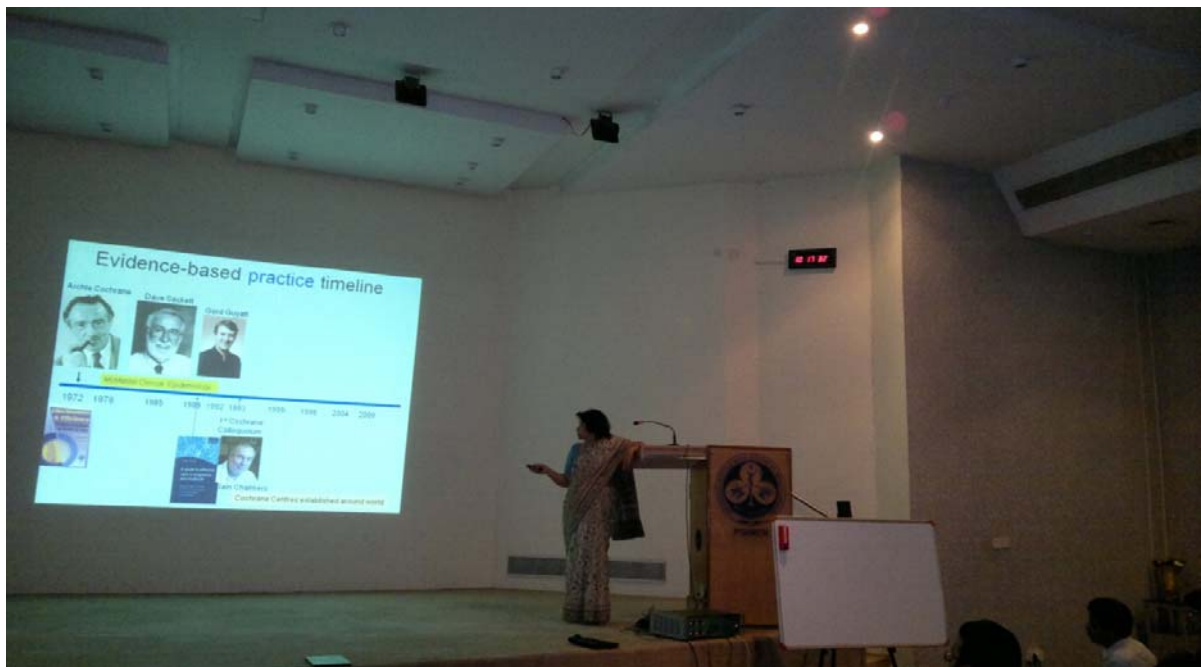
29th July, 2012

Day 2

The morning session began at 9.30 a.m. with the introductory lecture on Evidence Based Child Health by Dr. Meenu Singh and details of randomized control trials by Dr. Bhavneet Bharti. She discussed about intervention studies: types of randomization, population, sample size etc. Then the first group of participants attended intervention session conducted by Dr. Rakesh Kumar, Dr. Jitendra K. Sahu and Dr. Venkateshan S. The critical appraisal of the intervention study was done according to the checklist provided in the learning material. The other group put hands-on-practice with PUBMED Database and conducted searches with Mrs. Neelima Chadha.

In the afternoon session, the second group studied the intervention paper given in the course material and first group performed searches. They were familiarized with the use of MeSH database for performing searches in PUBMED.

Dr. O.N.Bhakoo, former Head of the Dept. Pediatrics had shared his valuable experiences in the evidence based child health and also discussed the need for same.



Introductory lecture by Dr. Meenu Singh



Dr. Bhavneet Bharti in discussion with participants



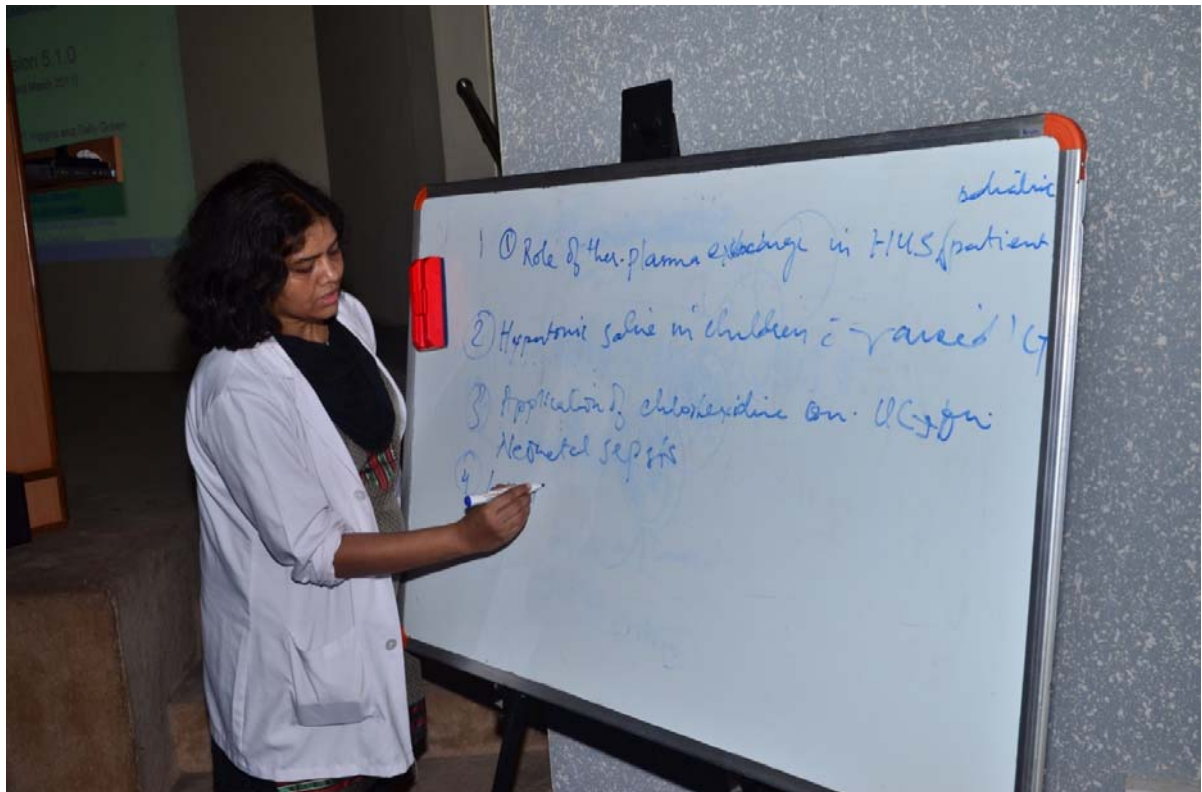
Principal Investigator welcoming Dr. O.N. Bhakoo

30th July, 2012

Day 3

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. Then the first group of participants attended diagnostic test session conducted by Dr. Joseph L. Mathew and Dr. Nusrat Shafiq. The critical appraisal of the diagnostic study was done according to the checklist provided in the learning material. The other group put hands-on-practice with EMBASE Database and conducted searches with Mrs. Neelima Chadha.

In the afternoon session, the second group studied the diagnostic paper given in the course material and first group performed searches. They were familiarized with the use of Emtree (controlled vocabulary tool) for performing searches in EMBASE database.



Dr. Nusrat Shafiq explaining about diagnostic test

31th July, 2012

Day 4

The concluding day was devoted to study of systematic reviews. Dr. Meenu Singh took the plenary lecture on how to conduct a systematic review. Dr. Nusrat Shafiq educated the participants about how to write a protocol followed by the critical appraisal of review, session taken by Dr. Samir Malhotra and Dr. Nusrat Shafiq 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 taking plenary session

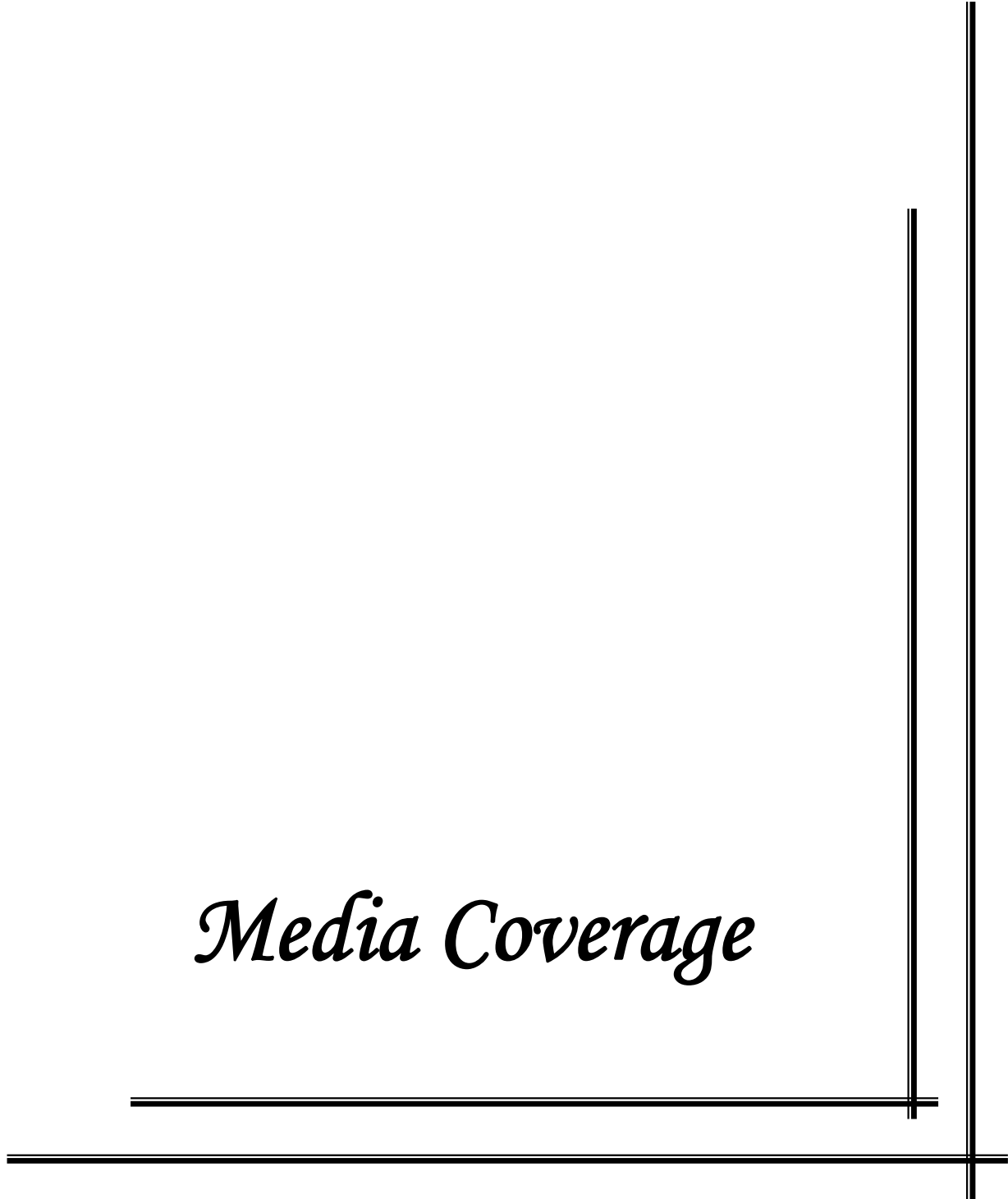


Participant explaining his research question



Dedicated Participants

Media Coverage





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News Info
Category : PGI, Chandigarh
Print News

The PGIMER under the aegis of ICMR has established Advanced Centre for Evidence Based Child Health in Advanced Pediatric Centre with Prof. Meenu Singh being the principal investigator.

Chandigarh,29.07.12:The centre initiated the short course on “HOW TO PRACTISE EVIDENCE BASED CHILD HEALTH” on 28th July, 2012 at 5.00 P.M. Participants from different departments of the institute as well as from GMCH, Sector-32, Chandigarh and MAMC, New Delhi has registered for the course. The course will train the participants in critical appraisal of various clinical trials and also introduce them with evidence based child health.

Participants will also be provided hands-on experience of using various medical databases subscribed in the institute library. The efforts of the principal investigator and its team were highly appreciated as it is considered to be one of the prestigious projects of the institute. Former H.O.D. pediatrics Prof Lata Kumar initiated the participants & distributed the course material.

ICMR advanced centre for evidence based child health will be conducting courses on evidence based child health and also systematic reviews in this field to guide policy and research in child health. This is the first centre of its kind in the whole country.



Published On: Sun, Jul 29th, 2012

Health | By News Team

HOW TO PRACTISE EVIDENCE BASED CHILD HEALTH

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TAGS

ICMR Advanced Centre Prof. Meenu Singh

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The centre initiated the short course on “HOW TO PRACTISE EVIDENCE BASED CHILD HEALTH” on 28th July, 2012 at 5.00 P.M. Participants from different departments of the institute as well as from GMCH, Sector-32, Chandigarh and MAMC, New Delhi has registered for the course. The course will train the participants in critical appraisal of various clinical trials and also introduce them with evidence based child health. Participants will also be provided hands-on experience of using various medical databases subscribed in the institute library. The efforts of the principal investigator and its team were highly appreciated as it is considered to be one of the prestigious projects of the institute. Former H.O.D. pediatrics Prof Lata Kumar initiated the participants & distributed the course material.

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PGI sets up evidence-based child centre

Chandigarh: PGI, under the aegis of ICMR, has established advanced centre for evidence-based child health in its Advanced Pediatric Centre with Prof Meenu Singh being the principal investigator.

The centre initiated a short course on "How to practice evidence-based child health" on Saturday. The course will train participants in critical appraisal of various clinical trials and introduce them to evidence-based child health. Participants will also be provided hands-on experience of using various medical databases subscribed in the institute library. ICMR advanced centre for evidence-based child health will conduct courses on evidence-based child health and systematic reviews. This is the first centre of its kind in the country. TNN

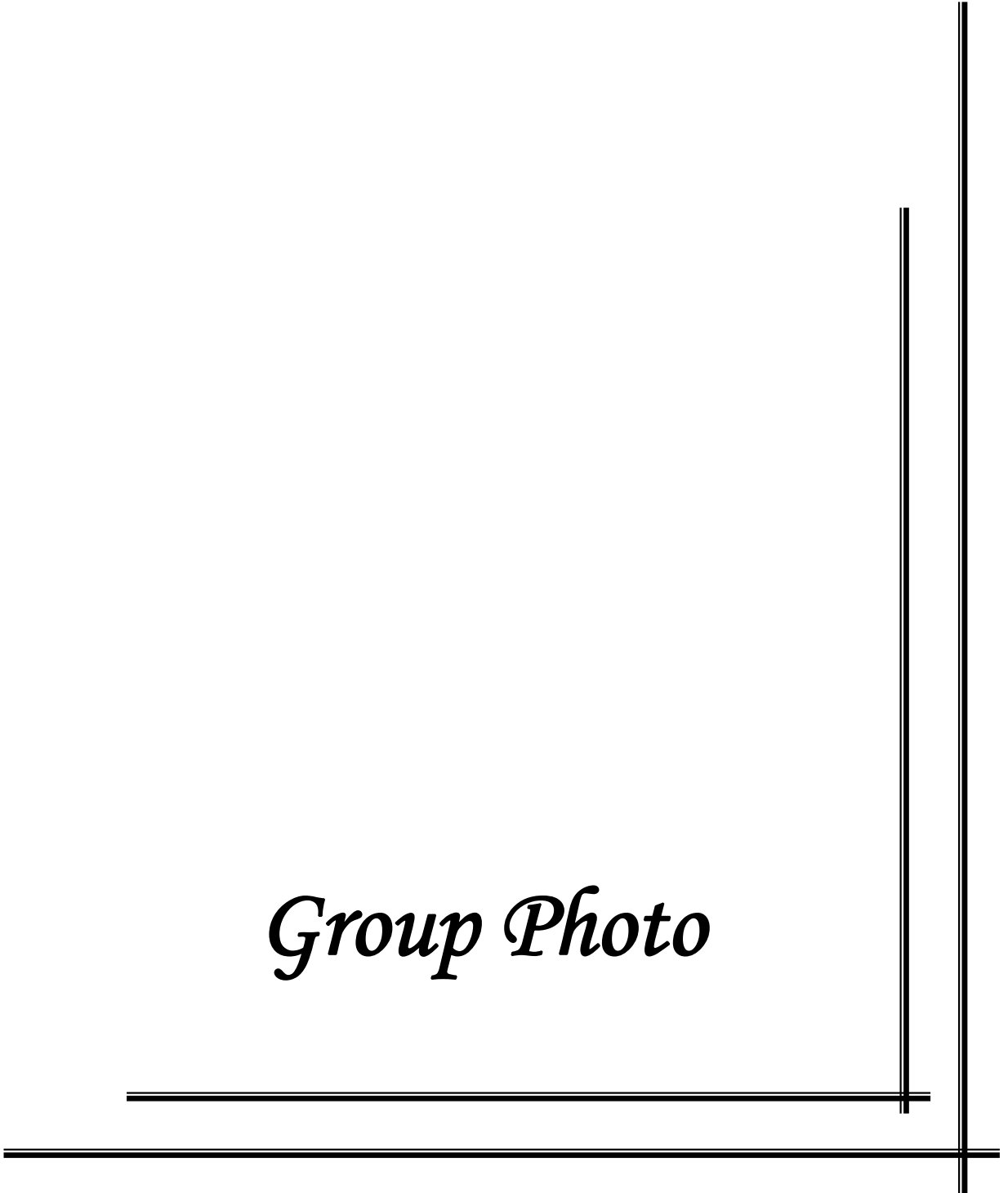


PGIMER sets up Centre for Child Health

CHANDIGARH: PGIMER, under the aegis of the Indian Council for Medical Research, has established the Advanced Centre for Evidence Based Child Health in its Advanced Pediatric Centre, with Meenu Singh as the principal investigator. This is the first centre of its kind in the country. The centre initiated the short course on 'how to practice evidence based child health' on July 28.

Tags: . PGIMER

Group Photo





Certificate

