



**ICMR ADVANCED
CENTRE
FOR EVIDENCE BASED
CHILD HEALTH
Short Course**

**“How to Practise Evidence Based Child
Health”**

22/02/2017 – 23/02/2017

**Venue: DR. D Y Patil Dental College and Hospital,
Pimpri, Pune.**

LIST OF TUTORS

1. Dr. Meenu Singh
2. Dr. Thambu David
3. Dr. Anju Sinha
4. Dr. Nishant Jaiswal
5. Dr. Anil Chauhan

LIST OF PARTICIPANTS

1. Dr. Priya Agarwal
2. Dr. Harshal Varpe
3. Dr. Susmit sneha
4. Dr. Amita
5. Dr. Archana Gupta
6. Dr. Palaskar
7. Dr. Diganata
8. Dr. Divya
9. Dr. Kumar Ankit
10. Dr. RK Suryavanshi
11. Dr. DaisyHappy
12. Dr. Karuna
13. Dr. Asavari
14. Dr. Roshni M
15. Dr. Vineet Vinay
16. Dr. Manisha P
17. Dr. Kirti
18. Dr. Pradnya J
19. Dr. Mayura
20. Dr. Vibharari
21. Dr. Manisha Survanshi

22. Dr. Ujwla Shingli
23. Dr. Sampada Kanitkar
24. Dr. Ashok Shinde
25. Dr. Anamika Kumari
26. Dr. Annapurna dhanurkar
27. Dr. Suhas Pande
28. Dr. Harshada Inamdar
29. Dr. Roopa NM
30. Dr. pallvi channe
31. Dr. SK Choudhary
32. Dr. Mohit Sharma
33. Dr. Sampann Chaudhary
34. Dr. Akshay Waingander
35. Dr. Vijay Wadhwa
36. Dr. Sangeeta Palaskar
37. Dr. Sangeeta Muglikar
38. Dr. Nihal Devkar
39. Dr. Sonal kale
40. Dr. Shalini Agarwal
41. Dr. Swapna Agarwal
42. Dr. Meenakshi Nanekar
43. Dr. Manirekar
44. Dr. Sabe
45. Dr. Praful Walke
46. Dr. Priyanka Male
47. Dr. Shilpa Bawne
48. Dr. Darshna Shah
49. Dr. Shweta

PROCEEDINGS

Day1st

22nd Feb

The workshop at DR. D. Y. Patil Dental College and Hospital, Pimpri, Pune was jointly organized by college and ICMR Advanced Centre for Evidence-Based Child Health on dated 22/2/17. The program was inaugurated by Dr Pradnya Kakodkar, she welcomed all the guests and participants. The Dean, Dr Deepak Kulkarni welcomed the chief guest and briefed about the purpose of the workshop. Dr Ramesh Bhonde, Director of Research, DPU was also present for the inauguration. The chief guest expressed her views and experience about systematic review and also presented the guest speakers with a memento as a token of appreciation.





Further, Dr Meenu Singh inaugurated the exhibition of the Systematic Review reports prepared by the MDS-II students. The participants went through the exhibited review reports and discussed with the authors. It is the first time that the Library dissertation of the students has been done in the form of a systematic review. The entire process of training the students has been done by Dr Pradnya Kakodkar.

After inauguration session, the centre initiated the short course on “HOW TO PRACTISE EVIDENCE BASED CHILD HEALTH”, at DR DY Patil Dental College and Hospital, Pimpri Pune. The participants from different departments of the institute were addressed by Dr. Meenu Singh (APC,PGIMER). She introduced the participants to Evidence Based Child Health and familiarized them with the basic idea behind Evidence Based Child Health.



At 10:35 AM, Dr Thambu David(CMC,Vellore) gave an overview of systematic review and its application in clinical practice. He

explained that a review of existing studies is often quicker and cheaper than embarking on a new study. Researchers use methods that are selected before one or more research questions are formulated, and then they aim to find and analyze studies that relate to and answer those questions. Systematic reviews of randomized controlled trials are key in the practice of evidence-based medicine.

However, Life is not so simple:

CORTICOSTEROIDS IN PRETERMLABOUR

OR (95% CI)

OUTCOME
NEONATAL DEATH

0.58 (0.38-0.89)

0.82 (0.30-2.24)

0.2 0.5 1 2 5



At 11 :45AM, Randomised Control Trial and Critical Appraisal was conducted by Dr. Anju Sinha (ICMR, New Delhi). The RCT based on intervention studies.

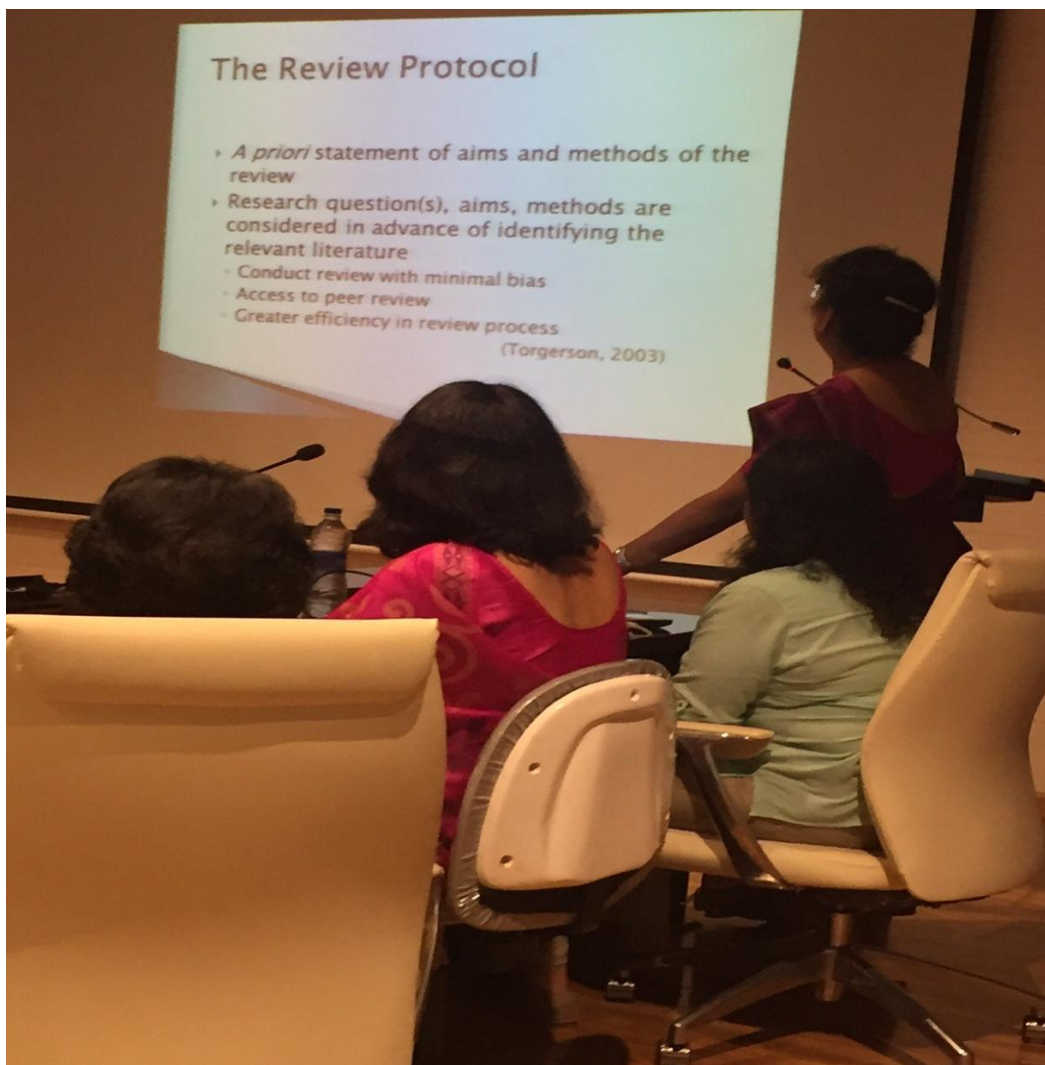


After lunch break, a group activity is done by Dr. Nishant(Scientist C ICMR Advanced Center for Evidence Based Child Health, PGIMER), Dr. Anil Chauhan and Dr. Pradnya Kakodkar on Critical Appraisal of RCT.

Day 2nd

23th Feb.

On second day of the workshop, Dr. Anju Sinha(ICMR New Delhi) gave developing protocol for a systematic review. She also discussed the components of good systematic review and the importance of protocol issued to be considered in developing a protocol.



Dr. Anju Sinha explaining the aims and methods of systematic review.

At 10:30, Dr. Anil Chauhan (Advanced Centre for Evidence Based Child Health,) discussed about the methods of “searching for studies”. He also defined search strategy.



Dr. Anil Chauhan demonstrating the participants about PUBMED, its uses and its importance for your research.

After that, methods of “selection of studies” and “data extraction” were explained by Dr. Nishant Jaiswal. He also explained PRISMA Flow Chart. PRISMA stands for Preferred Reporting Items for Systematic Reviews and Meta-Analyses. It is an evidence-based minimum set of items for reporting in systematic reviews and meta-analyses.

The aim of the PRISMA Statement is to help authors improve the reporting of systematic reviews and meta-analyses

In the afternoon, a short session was conducted by Dr. Meenu Singh.

She told that sufficient details should be included in the descriptive analysis that enable the reader to see the investigative step you have followed and how you make methodological decision. A very important feature of the descriptive analysis is the checking and crosschecking of information in order to establish the quality or trustworthiness of the findings.



After the tea break at 3:00PM, a session “going through the exhibited systematic review” was conducted.

Group Photograph



