

Title of the program- National Workshop on Systematic Review and Meta Analysis

Date & Day of the program: 2nd, 3rd& 4th March, 2017. Thursday, Friday, Saturday.

Venue of the program: Conference Room, SBKSMIR&C, Sumandeep Vidyapeeth University, Vadodara

Significance/Need of the program:To learn the basic methods of conducting Systematic Reviews, its interpretation (including meta-analysis) and application and to critically appraise the published systematic reviews.

Name of the Speaker for the program:

Dr. Prathap Tharyan, Professor at Christian Medical College, Vellore and Director of South Asian Cochrane Network & Centre.

WORKSHOP (Day-1) (9:30 AM – 5:00 PM, 02/03/2017)

On the first day of Workshop, Speaker presented the following topics and discussion was done for the same:

- 1. Introduction to Systematic Review and Meta-Analysis**
- 2. Evaluation of Cochrane Systematic review, in which his topics were:**
 - a) Pit and Fissure Sealants**
 - b) Powered vs Manual Toothbrush**

WORKSHOP (Day- 2) (9:30 AM – 3:30 AM, 03/03/2017)

On the Second day of Workshop, Speaker presented the following topics alongwith giving the hands-on exercises:

- 1. Searching for Information- Studies and trials**
- 2. Reference Manager Software:Zotero/Endnote**
- 3. Developing a protocol for Systematic Review- PICO Statement**

4. **Practical Exercise : Discussion & Presentations of PICO for protocol**
5. **Introduction to RevMan5 and entering References**
6. **Assessing Study Quality**
7. **Practical Exercise: Risk of Bias Table**
8. **Types of Data and Data Extraction**
9. **Practical Exercise: Data Extraction**

WORKSHOP (Day- 3) (9:30 AM – 3:30 AM, 04/03/2017)

1. **Handling of Data and Meta-Analysis I & II**
2. **Practical Exercise: Entering Data and Setting up Comparisons**
3. **Discussion and Finalizing th Protocol**
4. **Introduction to GRADE approach**
5. **Creating Summary finding tables using GRADE Profiler (GRADEPRO)**
6. **Discussion and Session for Participants**



