

One-Week International course in Health Research Methodology & Evidence Based Medicine (EBM)

St. John's Medical College and Research Institute, Bangalore, India

Draft ver1.1 November 8 to 12, 2016

| Day/ date | 8.30-9.30am | 9.30 -10.30 am | 10.45-11.45am | 11.45-12.45pm | 2.00-3.00pm | 3.00-4.00pm | 4.15-5.15pm | Evening# |
|-----------|--|--|---|---|---|-------------|------------------------------------|---|
| Tues-08 | Orientation and Introduction to Study designs (DX) | HRM - 1 RCT-1 (DK) | HRM-2 Cross Sectional + Registries (DX) | SL-1 Descriptive & parametric tests (TT) | Statistics Practical-1 (AR) | | | Group activity |
| Wed-09 | HRM - 3 Cohort studies (RJ) | SL-2 Non-Parametric tests and Advanced stats (TT) (9:30-11:00am) | HRM - 4 Systematic review/ Meta analysis (DX) (11:15-12:00pm) | JC 1 Cross sectional or Registry (12:00-1:00pm) | Statistics Practical-2 (AR) | | EBM-1 3 Principles of EBM (GG) | Zen Projects Cross sectional/ Registry + Case control designs (6:00pm-8:00pm) |
| Thu-10 | HRM -5 RCT-2 (DX) | PM-1 Regulatory and Project mgmnt (AS) | HRM - 6 Case control (PP) | JC 2 Case control | Statistics Practical-3 (TT) | | EBM-2 Diagnostic tests (PJ) | Zen Projects Cohort + RCT designs (6:00pm-8:00pm) |
| Fri-11 | HRM-7 Emerging Health Challenges in LMICs (RG) | HRM-8 Indian Research Grants (PM) | HRM - 9 Ethics in CR & CP (PP) | JC 3 RCT | Project presentation -1 Cross sectional/ Registry and Case control designs 2 x 20 mins 20 mins discussion | | EBM-3 Clinical Practice (PJ) | Group activity |
| Sat-12 | HRM-10 Publications (DX) | PM-2 Data management (DK) | HRM-11 Research Grants (DX) | JC 4 SR/MA | Project presentation -2 Cohort and RCT designs 2 x 20 mins 20 mins discussion | | EBM-4 KT and Health Policy (OB) | Course evaluation, valedictory + course dinner |
| Sun-13 | Departures | | | | | | | |

One-Week International course in Health Research Methodology & Evidence Based Medicine (EBM)
St. John's Medical College and Research Institute, Bangalore, India
Draft ver1.1 November 8 to 12, 2016

Faculties

- DX- Dr. Denis Xavier MD, MSc
- PP- Dr. Prem Pais MD
- AR-Dr. Ramesh. A MD
- TT-Dr. Tinku Thomas MSc, PhD
- PJ- Dr.P.J.Devereaux MD, PhD
- GG- Dr. Gordon Guyatt MD, MSc, FRCPC
- AS- Dr. Alben Sigamani MD
- DK- Dr. Deepak Kamath MD
- RG-Dr. Rajeev Gupta MD, PhD
- RJ- Dr. Rajnish Joshi MD, MPH, PhD
- OB- Dr. Onil Bhattacharyya MD, CCFP, PhD
- PM - Dr. Prashant Mathur DCH, PhD

One-Week International course in Health Research Methodology & Evidence Based Medicine (EBM)
St. John's Medical College and Research Institute, Bangalore, India
Draft ver1.1 November 8 to 12, 2016

• **PROJECT PRESENTATIONS**

4 project themes – 2 per day

1. Cross-sectional or Registry study
2. Case control study
3. Cohort study
4. RCT

METHODS:

- Groups made on day 1 and themes allocated
- Participants to meet everyday in their groups and design a project
- Presenter for the group picked up by lots on the day (this ensures that all participate in preparation).
- Prize for best project and presentation

• **MEALS AND REFRESHMENTS**

- Breakfast :7:00-8:00am
- Morning tea /coffee: 10.30 - 10.45 am
- Afternoon tea / coffee: 4.00 - 4.15 pm
- Lunch: 12.45 - 2.00 pm

• **ZEN PROJECT**

1. Participants divided in to 2 groups
2. Optional and for registrants only; limited seats
3. Day 1 – batches 1 and 2; day 2 - batches 3 and 4
4. 2-3 persons from the group present their *projects* without slides.
5. The primary discussion is on the design and methods of the project that their group will present on Thursday and Friday.
6. Others participants provide comments
7. Faculty will be available for inputs.
8. Snacks and beverages served.

• **JOURNAL CLUBS**

1. Journal article provided in advance to all participants
2. All group members to prepare
3. Just before lunch, one person will be selected to present.