



Practical Training Workshop



Essentials of Research Methods in Reproductive Health

Organised by:
**WHO-CCR in Human Reproduction
Department of Obstetrics & Gynaecology**

in Collaboration with:
**K. L. Wig Center for Medical Education Technology &
Clinical Epidemiology Unit**

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES
NEW DELHI**

July 1-4, 2008

Venue:
SEMINAR ROOM (3rd Floor)
Department of Obstetrics & Gynaecology



Chief Co-ordinator

Professor Suneeta Mittal

Director In-charge, WHO-CCR in Human Reproduction & Head
Department of Obstetrics & Gynaecology,

Room No. 3076, IIIrd Floor, All India Institute of Medical Sciences, New Delhi-110029

Tel: 26593378, 26593221, 26588497, Fax: 26588449

E-mail: smittal@aiims.ac.in

SCIENTIFIC PROGRAMME

Day-1 Tuesday, 1st July, 2008

08.00-09.30 am **REGISTRATION**

09.30-10.30am **SESSION-I: INAUGURAL SESSION**

- Welcome, Objectives & Format of Workshop
- Inaugural Addresses

10.30 **TEA / COFFEE BREAK**

11.00-01.00pm **SESSION-II: INTRODUCTORY SESSION**

- Need for Reproductive Health Research - Dr Suneeta Mittal
- Priority of Reproductive Health Research - Dr Helena von Hertzen
- Opportunities for Clinical Research in Reproductive Health - Dr S K Gupta
- How to Identify Community Needs for RHR - Dr A T Kannan
- Agencies involved in Reproductive Health Research - Dr Rajesh Mehta / Dr Sonia Trikha

DISCUSSION

01.00pm **LUNCH**

01.45-03.15pm **SESSION-III: BASICS OF RESEARCH**

- Choosing a topic for Research
- Research Question, hypothesis, objectives & outcome - Dr R M Pandey
- Study Designs - Dr Neerja Bhatla

03.15-03.30pm **TEA BREAK**

03.30-05.00pm **PRACTICAL EXERCISE IN:**

- Identifying Research Question - All Participants
- Choosing appropriate Research Design - All Participants

Facilitators:

Dr R M Pandey • Dr Neerja Bhatla • Dr Vatsla Dadhwal

Day-2 Wednesday, 2nd July, 2008

09.00-0.30am **SESSION-IV: PRINCIPLES OF QUALITATIVE RESEARCH**

- Introduction to Qualitative Research - Dr Nalin Mehta
- Conducting a Focus Group Discussion - Dr Shreen Jijeebhoy
- Practical Exercise on Qualitative Research
FGD, Recording and Interpreting Data - All Participants

Facilitators:

Dr Nalin Mehta • Dr Shreen Jijeebhoy • Dr Nutan Agarwal

10.30-11.00am **TEA BREAK**

SCIENTIFIC PROGRAMME

11.00-12.45pm

SESSION-V: PRINCIPLES OF QUANTITATIVE RESEARCH

- Planning, design and Conduct of RCT - Dr Shinjini Bhatnagar
- Practical Exercise on Designing Studies - All Participants

Facilitators:

Dr Shinjini Bhatnagar • Dr Sunesh Kumar • Dr J B Sharma

12.45-01.30pm

LUNCH

01.30-03.00pm

SESSION-VI: DIAGNOSTIC TESTS IN RESEARCH

- Evolution of Diagnostic Test - Dr Anurag Srivastav
- Practical Exercise on Diagnostic Test - All Participants

Facilitators:

Dr Anurag Srivastav • Dr K K Roy • Dr Neena Malhotra

03.00-03.30pm

TEA BREAK

03.30-05.00pm

SESSION-VII: ETHICS IN RESEARCH

- Introduction to Ethics - Dr Nalin Mehta
- GCP Guidelines for Clinical Research - Dr Suneeta Mittal

Day-3 Thursday, 3rd July, 2008

09.00-10.30am

SESSION-VIII: PLANNING A RESEARCH TRIAL

- Sample Size Calculation and Related Issues - Dr C S Pandav
- Essentials of Statistics in Research - Dr Padam Singh

10.30am

TEA BREAK

11.00-12.45pm

SESSION-IX: DATA RECORDING

- Epi 6 / Strata /Excel - Dr Rakesh Lodha
- Biostatistical Analysis - Dr S N Dwivedi
- Hands on Exercises on Data Entry and Biostatistics - All Participants

Facilitators:

Dr S N Dwivedi • Dr Rakesh Lodha • Dr Ramesh Agarwal

12.45-01.30pm

LUNCH BREAK

SCIENTIFIC PROGRAMME

01.30-03.00pm

SESSION-X: DATA SEARCH

- Data Retrieval and Literature Search - Mr S N Ragu Kumar
- Meta Analysis - Dr V Srinivas

03.00pm

TEA BREAK

03.30-05.00pm

Hand on Exercises on Computer Search and Interpreting Meta Analysis

- All Participants

Facilitators:

Mr S N Ragu Kumar • Dr V Srinivas • Dr Pradeep Garg

Day-4 Friday, 4th July, 2008

09.00-10.30am

SESSION-XI: REPORTING ON RESEARCH

- Publishing a Research Article - Dr Neena Malhotra
- Tips and tricks in Word Processing and PPP - Mr Yogesh Kumar
- Practical exercises on editing text and PPP - All Participants

Facilitators:

Mr Yogesh Kumar • Dr A Sharrif • Dr Neena Malhotra

10.30pm

TEA BREAK

11.00-01.00pm

SESSION-XII: DOCUMENTATION IN RESEARCH

- Digital Photography & Video - Dr A Sharrif

01.00-01.45pm

LUNCH

01.45-03.00pm

SESSION-XIII: CHOOSING A FUNDING AGENCY FOR RESEARCH

- International Funding Agencies for Reproductive Health Research - Dr Bindu Dey
- Government of India Initiative for RHR Support - Dr M S Jayalakhshmi
- ICMR Support for Reproductive Health Research - Dr Malabika Roy
- Participant Interaction

03.00pm

TEA

03.30 pm

SESSION-XIV: VALEDICTORY SESSION

- Participant Evaluation and Feed Back
- Distribution of Certificate