

'Clinical and Biological Research in Orthodontics' April 21 to 23, 2018



Dear Colleagues and friends

Centre for Dental Education and Research, All India Institute of Medical Sciences, New Delhi, in collaboration with Indian Orthodontic Society is holding the workshop "Clinical and Biological Research in Orthodontics" from April 21-23, 2018 for Orthodontists in India for training in research methodology in the field of Orthodontics and Craniofacial Deformities.

The workshop is specifically intended for Orthodontic professionals, researchers, academics, teachers and clinicians, willing to become actively involved in the clinical and basic sciences research. Despite the introduction of powerful research designs such as randomized clinical trials, these methods have not been widely adopted for Orthodontic clinical research. The case report (study containing fewer than 10 patients with no control nor comparison group) continues to be the most frequently published format. Clinicians should become aware of the inherent weakness in the research designs generally used and recognize the limited information that can be obtained from such methods. Support for high quality research needs to be greatly expanded if the more powerful type of study required to provide valid and reliable clinical information is to be continued.

The workshop will be a mixture of presentations, interactions, and hands-on-sessions. **Looking forward to welcome you in person.**

Dr. O.P. Kharbanda
Chairman Organizing Committee
Chief, CDER, AIIMS, New Delhi, India

Registration fees
Rs. 4500/- Till 15th February 2018
Rs. 6500/- After 15th February 2018
Registration closes on 15th April 2018
Limited attendance to 60 participants

Contact details:
Dr. Ritu Duggal 7838390003
Dr. Vilas Samrit 9899503560
Dr. Prabhat K. Chaudhari 8375044325

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CDER CDE Series 19



Prof. O. P. Kharbanda
Organizing Chairman
CHIEF, Professor & Head
Orthodontics



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Centre for Dental Education & Research
All India Institute of Medical Sciences, New Delhi
and
Indian Orthodontic Society

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Course Faculty



Prof. O.P. Kharbanda
Chief, Professor and Head,
Orthodontics, Centre for Dental
Education and Research,
AIIMS, New Delhi,



Prof. Kevin O'Brien
Professor, Orthodontics, Division of
Dentistry, Manchester University,
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Prof. R.M. Pandey
Head of Department,
Biostatistics, AIIMS
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Director of Clinical
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Prof. Shailesh Deshmukh
President IOS



Dr. Sridevi Padmanabhan
Editor JIOS



Department of Orthodontics and Dentofacial Deformities

**Centre for Dental Education & Research,
All India Institute of Medical Sciences, New Delhi
& Indian Orthodontic Society**

'Clinical and Biological Research in Orthodontics'

April 21 to 23, 2018

21/04/2018 schedule Venue: Board Room, CDER, AIIMS

8:30 am onwards	Registration
9:00 am – 9:30 am	Introduction of speakers & inaugural remarks
9:30 am – 10:00 am	TEA BREAK
10:00 am – 11:00 am	Formulating a research question and hypothesis (Dr. Sumit Malhotra & team)
11:00 am – 12:30 pm	Study designs and literature search from database (Prof. Ashok Jaryal)
12:30 pm – 1:00 pm	Clinical perspectives in Orthodontic Research (Prof. O.P. Kharbanda)
1:00 pm – 2:00 pm	LUNCH
2:00 pm – 5:00 pm	Clinical Trials (Prof. Kameshwar Prasad & Orthodontics Faculty)
5:00 pm – 5:30 pm	Participant Discussion

22/04/2018 schedule Venue: Board Room, CDER, AIIMS

8:30 am – 9:00 am	Participant Discussion
9:00 am – 11:00 am	Sample size computation (Prof. R.M. Pandey)
11:00 am – 1:00 pm	Methodology Section: selection of participants, bias and confounding, association and causation, measures of association (Prof. S.N. Dwivedi)
1:00 pm – 2:00 pm	LUNCH
2:00 pm – 3:00 pm	Development of study performance (CRF), data management and descriptive statistics (Prof. V. Sreenivas)
3:00 pm – 3:30 pm	TEA BREAK
3:30 pm – 4:30 pm	Ethics In Research (Prof. Nalin Mehta)
4:30 pm – 5:30 pm	Participant Discussion

23/04/2018 schedule Venue: Board Room, CDER, AIIMS

8:30am – 9:00 am	Participant Discussion
9:00 am – 11:00 am	Registration of clinical trial protocol on CTRI (Dr. Amit Kumar, Post-Doc, Neurology, AIIMS, New Delhi, India)
11:00 am – 1:00 pm	TEA BREAK
11:00 am – 1:00 pm	Systematic review and meta-analysis (Prof. Kameshwar Prasad)
1:00 pm – 2:00 pm	LUNCH
2:00 pm – 4:00 pm	Orthodontics specific study design (Prof. Kevin O'Brien – via videoconferencing)
4:00 pm – 4:30 pm	Participant Discussion
4:30 pm – 5:00 pm	Valediction and Distribution of certificates



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Registration form

Name

Designation: Faculty / PG student

(PG students should forward their registration through their respective HOD)

IOS membership No.

Institution:

City:

State: Pin

Mobile

Email

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CDER CDE Series 19

Room No: 401, 4th Floor

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