



58th Indian Orthodontic Conference "Embracing Emerging Technologies"

**BIOMECHANICS AND FORCE SYSTEMS OF
EFFICIENT SPACE CLOSURE AND DEEP BITE
CORRECTION WITH SUPPORTING CLINICAL
CASES.**

**Knowledge of biomechanics enables you to do
numbers with, clinically predictable results.**

58th IOC Pre-Conference course
19th September 2024

An initiative of New Faces Charitable Trust





Course Mentor
Dr. Sadashiva Shetty



Course Director
Dr. Paola Merlo

Course Curators

Dr. Gauri Vichare

Dr. Sarojini Joseph

Dr. Sumitra Reddy



Local Experts

Dr. Kiran Kumar H. C.

Dr. Mala Ram Manohar

Dr. Nandini Kamat

Dr. Shobha Sundareswaran

Dr. Sridevi Padmanabhan

Dr. Sunanda Roychoudhury

Dr. Supriya Nambiar

Course Highlights



**INTERACTIVE COURSE DEFINING
THE 10 COMMANDMENTS OF
SPACE CLOSURE AND DEEP BITE
CORRECTION**



**QUIZ OF COURSE CONTENT WITH
EXCITING PRIZES**



**TAKE HOME MATERIAL TO
UNDERSTAND BIOMECHANICS OF
ALL TYPES OF TOOTH MOVEMENT**

Course Schedule

BIOMECHANICS OF EFFICIENT SPACE CLOSURE IN SEGMENTED ARCH TECHNIQUE Vs STRAIGHT WIRE APPROACH	
Understanding occlusal anchorage.	2 hours [9am-11am]
Understanding difference in children, adults, type A,B,& C cases and Periodontal cases.	
Wire selection for continuous and cantilever mechanics.	
Panel discussion – Dr Paola & local experts.	1 hour [11am – 12pm]

Lunch Break – 1 hr

BIOMECHANICS OF EFFICIENT DEEP BITE CORRECTIONS	
Deep bite is a symptom – 1) Incisors can be upright, retroclined and extruded. 2) Incisors can be proclined and require statically determinate systems for corrections. 3) Posterior teeth can be infra-occluded.	2 hours [1pm – 3pm]
Force magnitude, force constancy, force direction parallel to long axis of the tooth.	
Downfall of using a continuous arch wire.	
Role of transpalatal arch to be understood.	
Panel discussion – Dr Paola & local experts.	1 hour [3pm-4pm]



CONFERENCE SECRETARIAT

Dr. Silju Mathew
Chairman, 58th IOS

Dr. Akshai Shetty
Convenor Scientific, 58th IOS

Dr. Anup Belludi Organizing
Secretary, 58th IOS

Dr. Prashantha G.S.
Treasurer, 58th IOS

Dr. Chandrashekar B.S.
Pre-Conference course in-charge,
58th IOS

Registration fee for the pre-conference course - Rs. 3500/-
Visit 58iocbengaluru.com for Registration

