#### FOREVER GREEN DENTAL PRODUCTS LIMITED

Unit 1202, Lippo Sun Plaza, 28 Canton Road, Tsim Sha Tsui, Kolwoon, Hong Kong

Tel: 2388 2798 Fax: (852) 2332 8183

E-mail: forevergreendental@gmail.com



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I would like to enroll in the lecture:  ☐ HKD 4,000 / USD 500 (on or before 5 Nov 2019)  ☐ HKD 4,800 / USD 600 (on or after 5 Nov 2019)  Course fee includes: coffee breaks, lunch, certificate	

Should you have any enquiries, please feel free to contact - Ms. Cynthia Ho 2388 2798 email: forevergreencourse@gmail.com

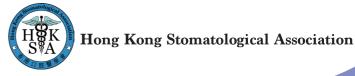
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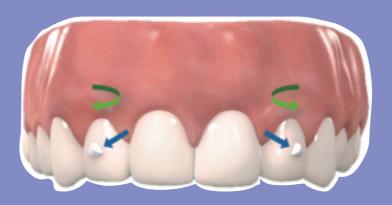
post to: *Unit 1202, Lippo Sun Plaza, 28 Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong*Disclaimer: The organizer reserves the right to cancel, postpone or change the venue, date and time of the event due to unforeseen cirumstances. In the event of cancellation, only course fees will be refunded.





## Prof. Ravindra Nanda BDS, MDS, PhD

Biomechanics for aligner treatment & Biomechanics for efficient use of Temporary Anchorage Devices (TADs)



Date: 12 November 2019 (TUE)

Time: 9:00AM - 5:30PM

Venue: Forever Green Dental Products Limited

Unit 1202, Lippo Sun Plaza, 28 Canton Road, Tsim Sha Tsui, Kln, Hong Kong

Language: English CME Points: NONE

### About the Speaker

# Dr. Ravindra Nanda BDS, MDS, PhD

Dr. Ravindra Nanda is Professor Emeritus, Former UConn Alumni Endowed Chair and Head of the Department of Craniofacial Sciences and Division of Orthodontics, University of Connecticut, Farmington, Connecticut, U.S.A.

He received his dental and orthodontic training first at Lucknow, India and then from Nymegen, The Netherlands and the University of Connecticut. He also received a Ph.D. from the University of



Nymegen. He was an Assistant Professor of Orthodontics at Loyola University, Illinois from 1970 to 1972 and since 1972 he has been associated with the University of Connecticut.

Dr. Nanda has been active in orthodontic research in the area of biomechanics, clinical trials and acceleration of orthodontic treatment. He has authored with his colleagues more than 250 scientific papers. He is Editor-in-Chief of Progress in Orthodontics which received its first Journal Impact Factor in 2018. He is on the editorial board of ten different national and international orthodontic journals. He is also an associate editor of Journal of Clinical Orthodontics.

He is an active member of various organizations, including the American Association of Orthodontists, European Orthodontic Society and Edward H. Angle Society. Dr. Nanda is a Diplomate of the American Board of Orthodontics. He has given numerous named lectures at national and international societies including Mershon Lecture at American Association of Orthodontics and Sheldon Friel Lecture at 2011 EOS Congress. He has been recognized with various awards from numerous international orthodontic organizations.

Dr. Nanda has authored eight text books Retention and Stability (with Dr. Burstone), Biomechanics in Clinical Orthodontics, Biomechanic and Esthetic Strategies In Clinical Orthodontics, Temporary Anchorage Devices in Orthodontics (with Dr. Uribe), Current Therapy in Orthodontics (with Dr. Kapila), Esthetics and Biomechanics in Orthodontics, and recently "Orthodontics, two volumes" (with Prof. Farronato), and Atlas of Complex Orthodontics (with Dr. Uribe). He has two new books coming out in 2019, Temporary Anchorage Devices (with Drs. Uribe and Yadav) and Principles and Biomechanics of Aligner Orthodontic Treatment (with Castroflorio, Garino and Ojima).

### **Synopsis**

Biomechanics is the heartbeat of any orthodontic treatment technique. Without the application of proper force system teeth can not be moved in a desirable and optimal way. Moving teeth requires understanding of forces, moments and resulting side effects.

Aligner treatment in its initial stages could only do simple tooth movements. To treat difficult malocclusions it is imperative to use biomechanics to move teeth in all directions including treating managing, extraction patients as well as deepband openbites. Further complications can arise with the application of elastics, TADs and various attachments. This presentation will discuss application of forces with mechanics, elastics and TADs with aligner treatment.

Similarly TADs are being used now to treat all sorts of malocclusions, simple to complex ones. Various malocclusions require a specific TAD and a an optimal site. This presentation will discuss how biomechanics application with TAds to correct open bite, aymmetric problems, midline issues and other complex problems.

