

**FOREVER GREEN DENTAL PRODUCTS LIMITED**

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**Hong Kong Stomatological Association**

**Prof. Ravindra Nanda** BDS, MDS, PhD

# Aligner Mechanics, Graphy Shape Memory Aligners and Application of TADs



## Graphy

3D Print the World with Graphy's Solutions



**Date:** 7 March 2023 (TUE)

**Time:** 9:00am - 5:30pm

**Venue:** Forever Green Dental Products Limited  
Unit 1308, Wing On Kowloon Centre, 345 Nathan Rd, Jordan, Kln, Hong Kong

**Language:** English

**CME Points:** To be confirmed



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## Enrolment Form

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**I would like to enroll in the lecture :**

HKD 4,500 (on or before 1 March 2023)

HKD 5,000 (on or after 2 March 2023)

Course fee includes: coffee breaks, lunch, certificate

Should you have any enquiries, please feel free to contact - Ms. Lucy Law 9012 9598

email: [forevergreencourse@gmail.com](mailto:forevergreencourse@gmail.com)

Please complete the enrolment form together with a crossed cheque payable to

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**Disclaimer:** The organizer reserves the right to cancel, postpone or change the venue, date and time of the event due to unforeseen circumstances. In the event of cancellation, only course fees will be refunded.

# About the Speaker

## Prof. Ravindra Nanda BDS, MDS, PhD

Prof. 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 is also an Adjunct Professor at The Forsyth Institute, Cambridge, Ma, USA.



Prof. 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 and 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.

In 2022 he was awarded Fellow of World Federation of Orthodontics (WFO). He has given numerous named lectures at national and international societies including Mershon and Angle Heritage Lectures at the American Association of Orthodontics and Sheldon Friel Lecture at the 2011 EOS Congress. He has been recognized with numerous Honorary memberships and has received various awards from international orthodontic organizations.

Prof. Nanda has authored and co-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

Recent studies have shown that aligners treatment often does not deliver predicted results. This is primarily due to suboptimal mechanics and ideal aligner materials. All currently used aligner materials are very stiff and they do not fit properly for first 2-3 days.

This results in higher forces and their dissipation too fast. Also certain movements are difficult to achieve. Recently introduced aligner material by Graphy is revolutionary in its properties.

This presentation will describe the shape memory characteristics of the new material along with its force delivery characteristics. Above all the aligners can be printed directly with 3D printer in office or a laboratory. Application of TADs with aligners will be discussed with patient histories.

