

**FOREVER GREEN DENTAL PRODUCTS LIMITED**

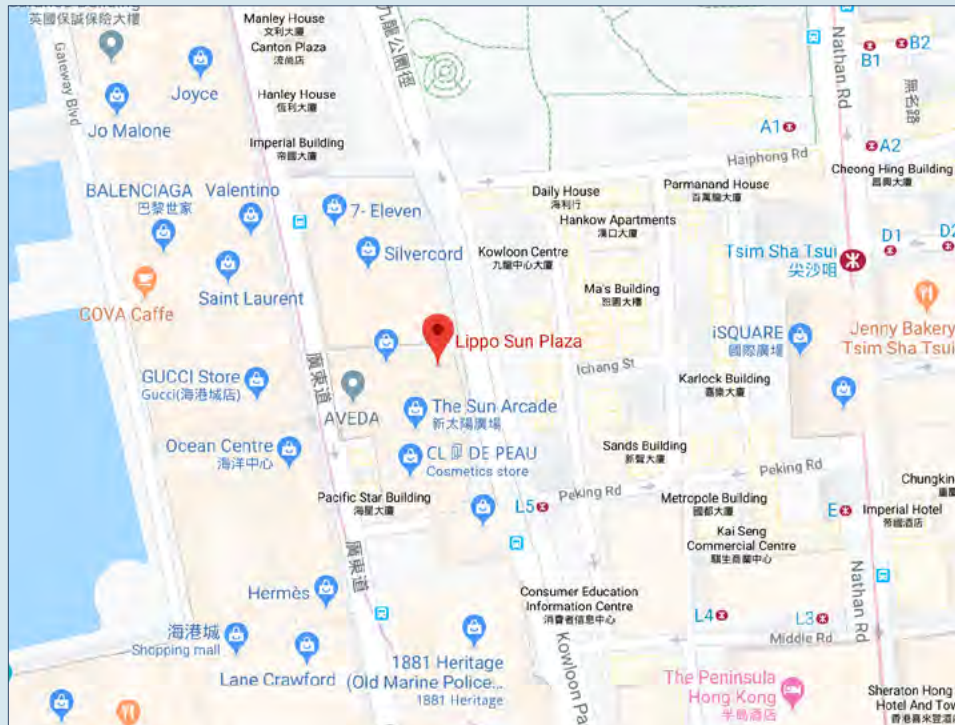
Unit 1202, Lippo Sun Plaza, 28 Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong

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Postal address



Hong Kong Stomatological Association



Hong Kong Institute of Orthodontics



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

**LIMITED ATTENDANCE WORKSHOP AT HONG KONG**  
**Contemporary Advanced Orthodontics**  
**Esthetics and Biomechanics Based Predictable**  
**Accelerated Treatment**

**Date:** Course 1 12 -13 Mar 2020

Course 2 24 - 25 Aug 2020

Course 3 8 - 9 Dec 2020

**Venue:** **Forever Green Dental Products Limited**  
Unit 1202, Lippo Sun Plaza, 28 Canton Road, Tsim Sha Tsui, Kln, Hong Kong

**Language:** English

**CME Points:** Pending

**Maximum Intake : about 30 participants**

**⚠ For participants who join all the courses, Course 1 to 3, will enjoy a 10% discount, on the condition that the participants must pay all the tuition fee of the Course 1 to 3, HKD 18,000 x 3 x 0.9 = 48,600 or USD 2,300 x 3 x 0.9 = 6,210 on or before 29 Feb 2020**



# 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.

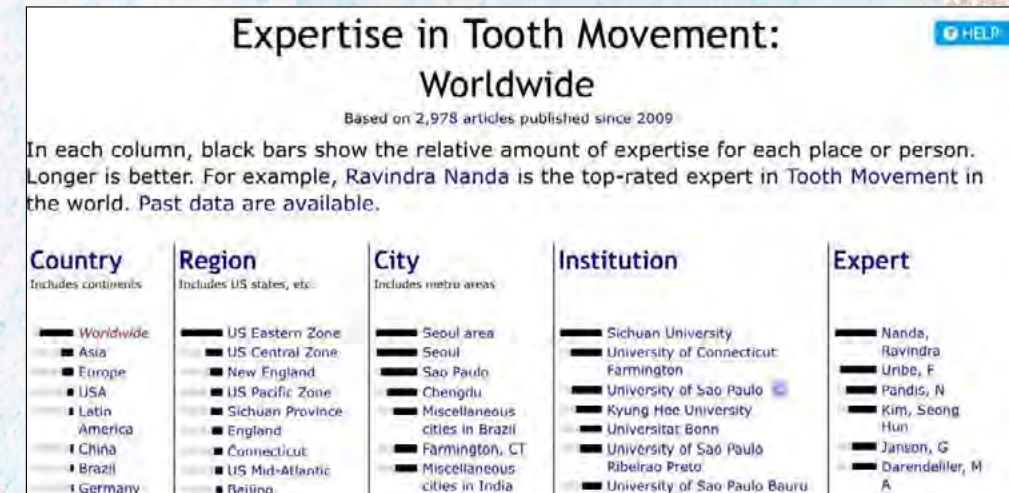
He received his dental and orthodontic training first at Lucknow, India and then from Nymegen, The Netherlands and the University of Connecticut. He also received a Ph.D. from the University of Nymegen. He was an Assistant Professor of Orthodontics at Loyola University, Illinois from 1970 to 1972 and since 1972 he has been associated with the University of Connecticut.

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 the 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. Prof. 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.

Prof. 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).

Prof. Ravindra Nanda is the top-rated expert in Tooth Movement in the world



Prof. Ravindra Nanda gave a lecture at the World Implant Orthodontic Conference at Bucharest, Romania at October 2019





Dr. Steve Law will assist Prof. Ravindra Nanda at the Typodont and Hands-on exercise



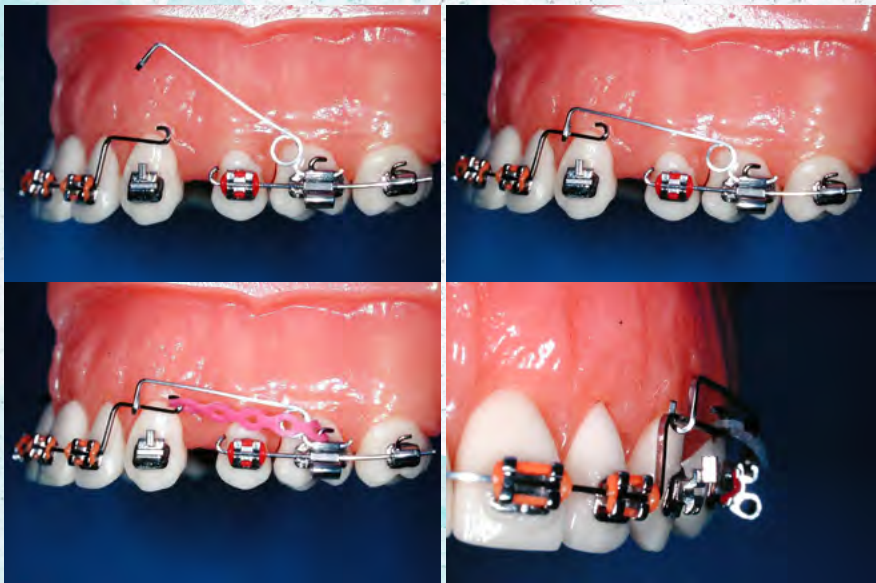
# Dr. Steve Law

## BDS, MFGDP, MFDS, MFDS

Dr. Law was graduated from the Faculty of Dentistry University of Hong Kong in 1988. He obtained the Membership of the Faculty of General Dental Practitioners of the Royal College of Surgeons of England in 1996, the Membership of the Faculty of Dental Surgery of the Royal College of Physicians and Surgeons of Glasgow in 2016, the Membership of the Faculty of Dental Surgery of The Royal College of Surgeons of Edinburgh in 2018 and the fellow of the International Congress of Oral Implantologists in 2005.

He has been the member of International Association of Orthodontics (IAO) since 2012. He is a private dental practitioner in Hong Kong since 1988. Dr. Law became certified to use Invisalign in 2001 and he is one of the top Invisalign doctors in Hong Kong. He is one of the mentors of the Invisalign (HK) mentorship programme and the speaker of the Invisalign company. Dr. Law got the Dr. Waldemer Brehm Education Award from the International Association of Orthodontics (IAO) in 2016. Dr. Law gave lectures at Hong Kong, Macau, China, Taiwan and Philippines in the past 15 years.

### Hands-on typodont exercise: Intrusion arch (3 pieces intrusion)



During the Typodont and Hands-on exercise you **hear it, see it, do it** so that when you return to your practice you can immediately apply your learning and skills at an accomplished level and provide your patients with the most advanced orthodontic techniques available.

# Synopsis

Orthodontics is a dynamic specialty which is ever evolving with new concepts both biological and mechanical. Often the appliances used by orthodontists are not individualized for a patient's specific problem. This makes it necessary for every orthodontist to fully understand the Biomechanics so that he or she can use the knowledge to whatever method, technique, or orthodontic philosophy one is using. One should remember that wires and elastice only act what an orthodontist puts into them.

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.

## THE LIMITED ATTENDANCE WORKSHOP WILL COVER THE FOLLOWING AREAS

1. Nanda Biomechanics Based Treatment with Wires and Brackets
2. Efficient Aligner Treatment
3. Intelligent Application of TADs and Best Practices
4. Sequential Treatment of Various Malocclusions
5. Typodont Exercises for Correction of Various Malocclusions

## Recommendation by Dr. Hoi Shing Luk

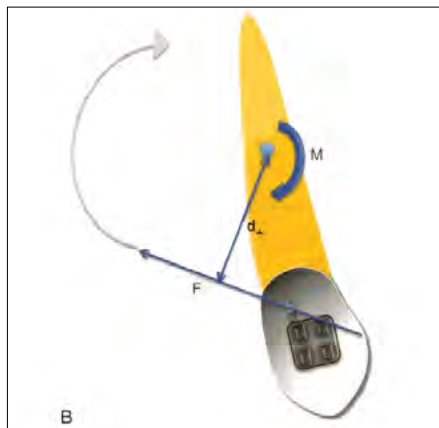
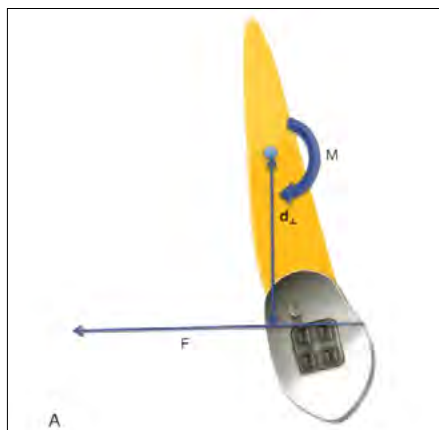
Prof. Ravindra Nanda is my professor, mentor and friend for the lifetime. He is an educator and one of the most famous orthodontists in the world. Each time I enjoy his teaching very much and it is a surprise to me that he continues to update the teaching materials to the cutting edge of the orthodontic world. The course 2020 in Hong Kong will be a most fruitful experience to all of us. I highly recommend you to join !





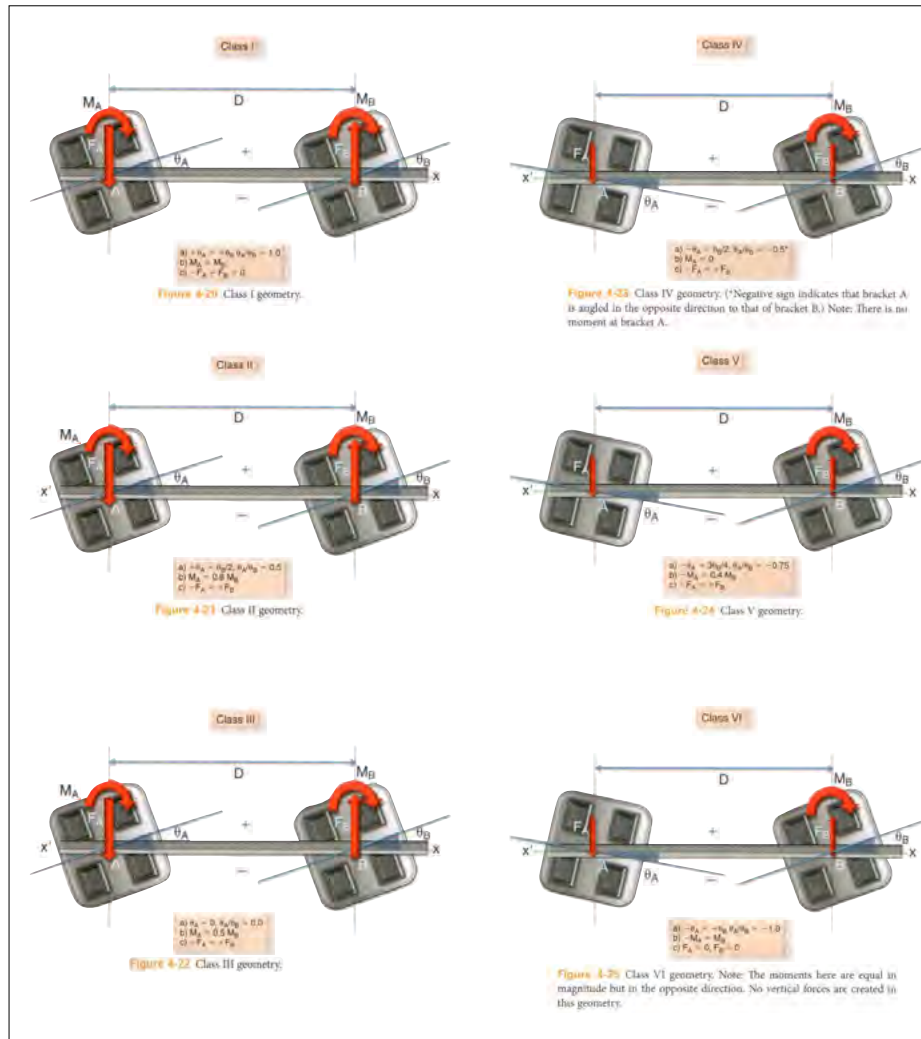
## Biomechanics Principles

1. Components of an orthodontic force system
  - Force
  - Moment of force
  - Couple of forces
  - Moment to force ratio
  - Point of Force application
2. Friction in Orthodontics
  - Variables affecting friction
3. Six geometries
4. Biomechanics of Self Ligating Brackets



## Bracket Selection

1. Development of brackets
2. .018 or .022 slot size
3. Roth or MBT



Six geometries

## Orthodontic Wires

1. Fundamentals of wire selection
2. Best wires for specific tooth movement
3. Shape memory alloys
4. Beta Titanium wires

## Transpalatal Arch

1. An excellent example of showing various tooth movements
2. Various activations
3. Advantages of molar rotation
4. Asymmetric Activations

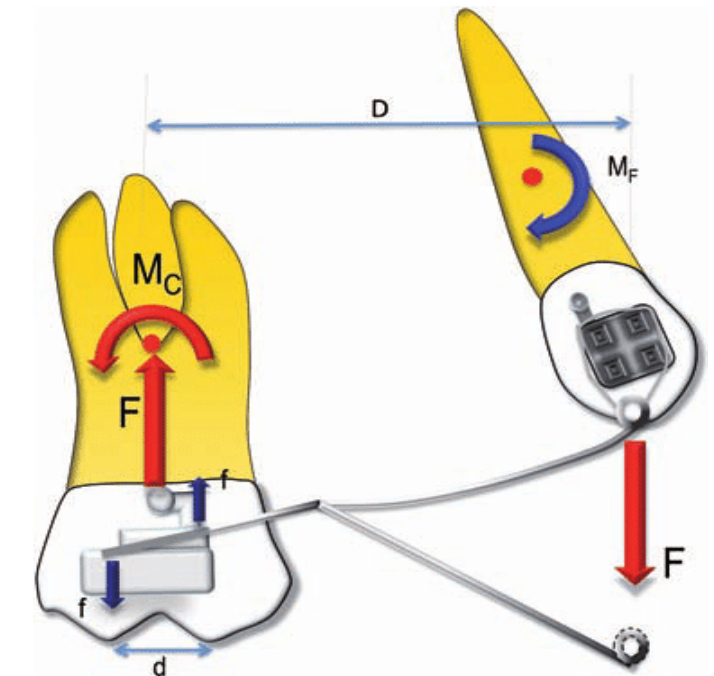


## Managing Simple Class I and Class II Malocclusions

1. Wire selection
2. Class II elastics
  - Long Class II elastics
  - Short Class II elastics
3. Cantilevers
4. Patient treatment histories from diagnosis, treatment plan, mechanics used at each and every important step during the treatment.

## Typodont and Hands-on exercise

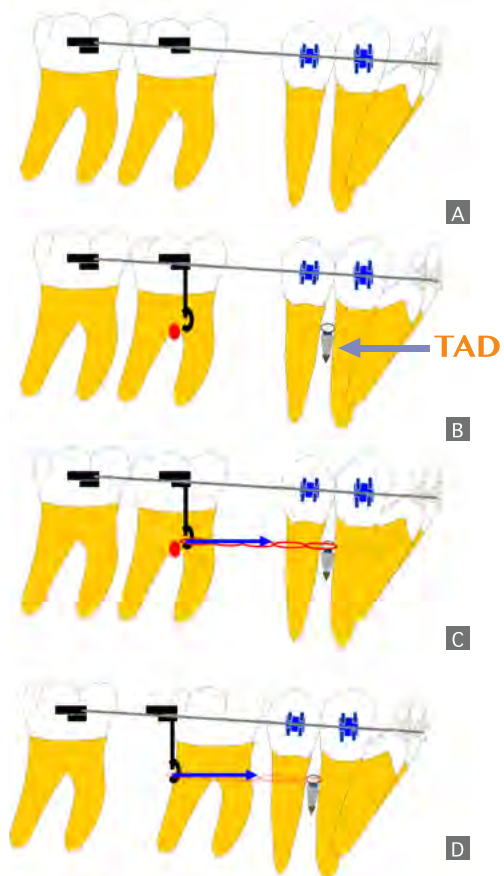
1. Placing 1st, 2nd and 3rd order bends
2. Methods to place torque
3. Arch wires for crowding
4. Transpalatal Arch
5. Cantilevers for various tooth movements
6. Correction of Simple Class II treatment





## Temporary Anchorage and Skeletal Anchorage

1. Background of TADs
2. Biomechanics related to TADs
3. Sites of TAD placement
4. Sites of TADs for specific tooth movements
5. Skeletal Anchorage SAS
6. TAD failures and how to prevent them



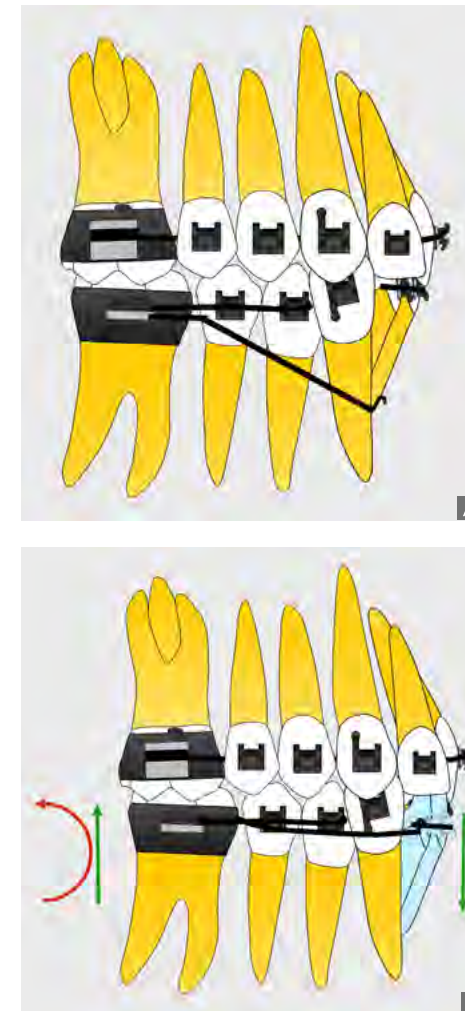
## Management of Short Face, Deepbite and Esthetics Related Problems

1. Diagnosis of short face
2. Growth and Development of short face
3. Treatment modalities
  - Extraoral Devices
  - Functional Appliances
  - Utility Arch
  - Reverse Curve of Spee
  - Bite plates
  - Intrusion Archwires



## Intrusion wires

1. Biomechanics of Intrusion wires
2. Intrusion and flaring of incisors
3. Intrusion and retraction of incisors
4. Intrusion and molar tip back
5. Intrusion wires with TADs
6. Segmental Intrusion wires



## Typodont and Hands-on exercise

1. Utility arch
2. Intrusion arch
3. Changing bend placement of intrusion arch
4. Segmental intrusion archwires





## Aligners

1. Aligner Materials and Biomechanics
2. Attachments
3. Strategies for attachment shapes and sites
4. Interproximal reduction (IPR)

## In House Aligners

1. Software
2. STL files
3. Printer

## Nonsurgical Treatment

1. Habit breaking appliances
2. Managing tongue thrust
3. Extraoral Devices
4. Functional appliances



A. Habit appliance with acting as a mechanical obstruction in close approximation to the anterior portion of the palate.



B. Frontal view before appliance placement.



C. Three months after appliance placement.

## Decision Factors for Extrusion of Anterior Teeth or Intrusion of Posterior Teeth

### Intraoral Appliances

1. Box elastics
2. Curve of Spee wires
3. Multiloop wires
4. Extrusion Arches
5. Cantilevers

### Aligners to Correct Openbites

1. Extrusion attachments
2. Pure intrusion
3. Relative intrusion

## Management of Long Face and Openbites

1. Diagnosis and features of long face
2. Growth and development of long face
3. Can we alter growth direction

### Features of Openbites

1. Skeletal openbites
2. Dental openbites



## Cantilevers to Extrude

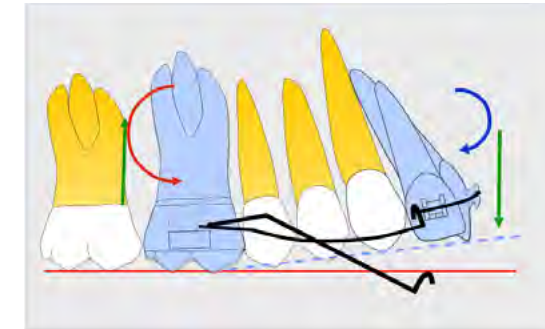
1. Best wires
2. Cantilever force system

## TADs to Intrude Posterior Teeth

1. Selection of TAD sites
2. Infrazygomatic TADs
3. Buccal Shelf TADs
4. Palatal TADs

## Extrusion Arch Wires

1. Biomechanics of extrusion Archwires
2. Decision factors for extrusion of upper or lower anterior teeth
3. Managing side effects



## Targeted Mechanics

1. Selection of TADs and ideal site
2. Application of Extrusion archwires



## Typodont and Hands-on exercise

1. Extrusion Archwires
2. Cantilevers
3. TAD sites on skull demonstration



康盛國際貿易有限公司 Concern Ltd.

2020.3.15 [SUN]  
**重磅出擊**

Dr. Ravindra Nanda BDS; MDS; PhD

**最新矯正知識學習**

地點：集思北科大會議中心 2 樓 感恩廳  
台北市大安區忠孝東路三段 197 號旁  
(億光大樓)



Rome, Italy - 29<sup>th</sup> February 2020

**“Biomechanics + TADs:  
Predictable Results”**

Prof. Ravindra Nanda

Dr. Giorgio Iodice



## Prof. Ravindra Nanda gives lectures all over the world



**DWDM<sup>®</sup>**  
DUBAI WORLD DENTAL MEETING  
1 - 3 February 2020  
Novotel Hotel, Dubai World Trade Centre

**PROF. DR. RAVINDRA NANDA**  
BDS, MDS, PhD - USA

**TADS AND SKELETAL ANCHORAGE TO  
MANAGE COMPLEX ORTHODONTIC  
MALOCCLUSIONS**

2<sup>nd</sup> of Feb 2020  
09:00 to 17:00  
Novotel Hotel, World Trade Centre,  
Diamond Room

Organised by INDEX

aeedc.com



# Prof. Ravindra Nanda gave lectures in Hong Kong many times during the past 15 years



13 Dec 2011



19 Jan 2008



14 Dec 2011



# Prof. Ravindra Nanda gave lectures in Hong Kong many times during the past 15 years



30 Sep 2010



Prof. Ravindra Nanda gave lecture in Hong Kong on 12 Nov 2019



11 Mar 2015



# Registration Information

## a) Payment by Cheque:

Please prepare a crossed cheque payable to " **FOREVER GREEN DENTAL PRODUCTS LIMITED** " and send it together with completed registration form to:

**Ms. Cynthia Ho**  
**Forever Green Dental Products Limited**  
**Unit 1202, Lippo Sun Plaza, 28 Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong**

## b) Payment by Bank Transfer:

Please transfer payment to the following bank account and send the bank receipt together with the completed registration form to us on the next page:

**Account Name:** FOREVER GREEN DENTAL PRODUCTS LIMITED  
**Account Number:** 024 390-438885-883  
**Name of the Bank:** Hang Seng Bank Limited  
**Swift Code:** HASE HKHH  
**Bank Address:** 83 Des Voeux Road Central Hong Kong

*Confirmation will be sent to you by email or by fax after receiving the complete enrolment form  
 Admission is on a first-come-first-served basis*

**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.

**Cancellation:** Any cancellation must be received in writing. Refunds for cancellation of registration will only be made subject the following deadline and charges:

<b>Course 1</b>		on or before 5 Mar 2020	on or before 6 Mar 2020
	Tuition fee	Refund 80%	Forfeited
<b>Course 2</b>		on or before 17 Aug 2020	on or before 18 Aug 2020
	Tuition fee	Refund 80%	Forfeited
<b>Course 3</b>		on or before 1 Dec 2020	on or before 2 Dec 2020
	Tuition fee	Refund 80%	Forfeited

# Enrolment Form

Name : \_\_\_\_\_  
 (Family/Last Name) (First Name)

Name printed on the certificate : \_\_\_\_\_

Address : \_\_\_\_\_

Office Phone No. : \_\_\_\_\_ Mobile Phone No. : \_\_\_\_\_

Fax No. : \_\_\_\_\_

Email : \_\_\_\_\_

**Course fee includes: Coffee Breaks, Lunch and Certificate**

**I would like to enroll in:**

**Course 1 12 - 13 Mar 2020 ( Thur - Fri )**

HKD 18,000 / USD 2,300 (on or before 29 Feb 2020)  HKD 22,000 / USD 2,820 (on or after 1 Mar 2020)

**Course 2 24 - 25 Aug 2020 ( Mon - Tue )**

HKD 18,000 / USD 2,300 (on or before 10 Aug 2020)  HKD 22,000 / USD 2,820 (on or after 11 Aug 2020)

**Course 3 8 -9 Dec 2020 ( Tue - Wed )**

HKD 18,000 / USD 2,300 (on or before 24 Nov 2020)  HKD 22,000 / USD 2,820 (on or after 25 Nov 2020)

Total amount : (HKD/USD) \_\_\_\_\_

Cheque No. : \_\_\_\_\_ Bank : \_\_\_\_\_

Should you have any enquiries, please feel free to contact **Ms. Cynthia Ho** by  
 Tel: **(852) 2388 2798**, Fax: **(852) 2332 8183** or e-mail: **forevergreencourse@gmail.com**

**⚠ For participants who join all the courses, Course 1 to 3, will enjoy a 10% discount, on the condition that the participants must pay all the tuition fee of the Course 1 to 3, HKD 18,000 x 3 x 0.9 = 48,600 or USD 2,300 x 3 x 0.9 = 6,210 on or before 29 Feb 2020**