



25th IOS National PG Students Convention Mangaluru

Date : 24th - 27th February 2022 | Venue : A. J. Auditorium, AJIMS Campus

Host : A. J. Institute of Dental Sciences

Course No.	Course C
Name of the Course	CLASS 2 SKELETAL MALOCCLUSION MANAGEMENT WITH FIXED FUNCTIONAL APPLIANCES
About Course	<p>Class II Malocclusion with retrognathic mandible problems are very common problem in day today practise. If THE CLASS 2 div 1 malocclusion results from the mandibular retrognathia or mandiblar dentoalveolar retrusion, treatment procedures that retract the maxillary components may not be appropriate.</p> <p>More appropriate treatment may include advancement of the mandibular components through tooth movement ,mandibular repositioning or orthognathic surgery.</p> <p>In growing patients definitely the mandibular repositioning appliances are the method of choice.</p> <p>The Herbst appliance is a fixed functional appliance designed to reposition the mandible anteriorly. This does not require the cooperation of the patient and also require shorter period of time. The Herbst appliance is the most thoroughly analysed functional appliance in orthodontics orthopedics and its mode of action is predominantly evidence based. Herbst appliance was found to be the most effective appliance in the correction of severe class II skeletal problems. The forsus fixed functional appliance and Advancsync also are derivatives of the Herbst appliance.</p> <p>The powerscope is a recently developed fixed functional appliance which is a direct derivative of the Herbst Type II appliance. This is also an effective appliance for the correction of the dentoalveolar class II problems .The combination of Herbst and Powerscope appliances is the most effective and complete solution for the class II problems.</p> <p>This course will teach Herbst appliance and its application of its derivaties and in detail about Powerscope- Hands - on experience of powerscope installation.</p> <p>Program List</p> <ol style="list-style-type: none"> 1. Introduction 2. Class II malocclusion and its features 3. History of Herbstt appliance 4. Herbst appliance and its derivatives. 5. The experimental studies on fixed functional appliances 6. Bite Registration of fixed functional appliances 7. Stepwise advancement vs single step advancement. 8. Two phase versus single phase protocol 9. Case presentations 10. powerscope class 2 corrector. 11. The powerscope the class II corrector - Lecture 12. Powerscope installation demo and Hands on
Faculty(s)	<div data-bbox="379 1527 593 1803" data-label="Image"></div> <p data-bbox="657 1624 1220 1769"> Dr. M. Vadivel Kumar Past Vice president Indian Orthodontic society Managing Editor – JIOS Chairman Indian Board of Orthodontics </p> <p data-bbox="375 1836 1300 2027"> He completed his MDS in orthodontics from Madras Dental College in the year 1992. He is a Associate Fellow of American Academy of Implant Dentistry He is a Diplomate Indian Board of Orthodontics He is the co director AAID Maxicourse India ,Malaysia Faculty American Academy of implant Dentistry. He has been invited Guest speaker for national and International conferences. </p>



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	He has many publications in national and international journals. Conducted preconference courses on class 2 correctors Herbst and Powerscope- PG Conventions Guest speaker for the Orthodontic study groups in India
Schedule	2.00PM- 6.00PM
Pre Requirements	
Other Info	
Date	24/02/2022
No. of Seats	20
Venue/Hall	Conference Venue