

## **57<sup>TH</sup> INDIAN ORTHODONTIC CONFERENCE 2023**

"From brackets to wires, in this shared experience, we etch our hearts with memories, a rare opulence."

The 57th IOC, Indian Orthodontic Conference, was organised at Mangalaya Covention Centre by team MOSG (Meerut Orthodontic Study Group) from 14<sup>th</sup>-17<sup>th</sup> September 2023 at Meerut. The conference organising team led by Organising Chairman Dr. Pradeep Raghav, Secretary Dr. Vaibhav Mishra, Treasurer Dr. Shishir Singh and trade chairman Dr. Amit Khera.

The conference commenced with a grand inauguration ceremony led by welcome of various dignitaries, Dr. Balwinder S. Thakkar president IOS, Dr. Sanjay Labh Secretary IOS, Dr. Jayesh S. Rahalkar President Elect IOS, Dr. Nikhilesh Vaid President WFO, Maj Gen G.K.Thapaliyal Vice-Chancellor SVSU and Dr. Shalya Raj CEO. SVSU. The programme was graced by esteemed chief guest, the reverend Dr. Rajendra Aggarwal MP and Deputy Speaker Lok Sabha.

This conference was attended by around 1500 life members and student life members. This conference includes various pre conference courses at Subharti Dental College complex that featured an extensive program consisting of 16 different courses that are paramount and notable in true sense. These courses was organised that included-

1. Comprehensive Workshop on In-Office Aligners, Hands On Course By Dr. Balaji Krishnan, Dr. Sunil Chandy, Dr. Parameswaran TM, Dr. Shanthini Priya.A And Dr. Deepak P.
2. A To Z on Tads, IZC BSS And MARPE-Hands-on Course By Dr. Vivek Patni And Dr. Sheetal Potnis
3. Seamless Workflow For In Office Aligners- Hands on Course By Dr. Samar M Adel, Dr. Nikhilesh R Vaid And Dr. Srengalakshmi M,
4. Fundamental Concepts of Biomechanics- Hands on Course By Dr. Vinay Kumar Chugh
5. Myofunctional Therapy Workshop By Prof. (Dr.) Somchai Satravaha, And Prof. (Dr.) Amit Bhardwaj
6. Problem Based Learning -Hands on Course By Dr. Panchali Batra, Dr. Arvind Sivakumar And Dr. Vipul
7. Hands-On Workshop on Presurgical Naso-Alveolar Molding With Comprehensive Lecture Series on Orthodontic Management Of Cleft Lip and Palate From Birth to Adulthood By Dr. Renu Parmar, Dr. Heemanshu Dave, Dr. Krishnendu Chatterjee, Dr. Virag Bhatia And Dr. Partha Pratim Choudhury.
8. Diagnois, Treatment Strategies & Trouble Shooting In Surgical Orthodontics- Hands on Course By Dr. Kiran Kumar HC And Dr. Prashantha GS
9. TMJ Considerations in Functional Orthodontics-Lecture And Demonstration With Hands On Course- By Dr. K. Gnana Shanmugham and Dr. Faisal Tahir
10. Ortho-Gnathic Surgery: Conventional and Digital Workflow- Hands On Course By Dr. S P Singh, Dr. Sanjeev Verma, Dr. Vinay Kumar and Dr. Raj Kumar Verma
11. Biophilic Philosophy & BATR Bracket System-Hands On Course By Dr. Alka Banker and Dr. Neena Malik Moitra

12. Contemporary Myofunctional Appliances: An Integrative Approach with Digital Technology- Hands On Course By Dr Kalyani Trivedi and Dr. Dilip Patel

13. Basic Wire Bending in the Straight Wire Appliance Including Loop Mechanics- Hands On Course By Dr Ameet Revankar, Dr Roopak Naik, Dr. Anusha Hegde and Dr. Harshvardhan Kidiyoor

14. The Art of Orthodontic Wire Bending and Clinical Applications - A Hands-On Course By Dr G.K. Singh, Dr. Gyan Prakash, Dr Akhil Agarwal, Dr Ajit Parihar, Dr Sarvraj Kohli And Dr Neil Kedia

15. A To Z Of TAD Supported Lingual Orthodontics By Dr Dharmadeep And Dr Prathamesh Jalindre

16. Mastering Biomechanics - Unveiling Orthodontic Trouble Shooting Tips by Dr. Ajay Kubawat, Dr. Srikrishna Chalasani, Dr. Abhay Jain and Dr. Sonahita Aggarwal.

This conference was an extravagant affair, with attendees ranging from esteemed international delegates to our very own national dignitaries. Renowned guest speakers graced the occasion with their presence, offering insights that left the audience in awe. Distinguished speakers from diverse nations like Germany, USA and Japan contribute their insights and wisdom. Also a plethora of national speechmakers deliver lectures with brilliance. The rising stars of the field also had their moment to shine, passionately sharing their thoughts and experiences in various categories. They not only participated with enthusiasm but emerged victorious in their respective competitions like paper presentations, poster presentations, table clinic etc. IOS oration given by legends including Dr. Gurkeerat Singh on the Vacillating Face. Dr. N R Krishnaswamy delivered the Vasavi Memorial Oration addressing the topic of 'Clear Aligner Therapy – Do expectations align with reality and Dr. Surendra Shetty Oration by Dr. Mandava Prasad on “An Untrodden Paradigm: Orthodontic Stress and Burnout.”

Furthermore the trade encompassed close to 40 companies, illustrating its size. The culmination of the previous year's Annual General Meeting (AGM) and the inaugural AGM of the new year transpired, featuring pivotal deliberations and resolutions of paramount significance, all centered around advancing the prosperity and benefit of both the esteemed International Orthodontic Society (IOS) and the dedicated community of orthodontists. The Indian Board of Orthodontics (IBO) also orchestrated a convocation, an event graced with the dignified felicitation of accomplished orthodontists. The culinary experience was no less spectacular, with sumptuous lunches and exquisite dinners and that left attendees raving. This event transitioned into the mesmerizing IOS talent night, band performance night and musical gala night setting the stage for unforgettable evenings. Students hailing from every corner of India flocked to partake in this conference, enhancing their expertise and finesse in the realm of orthodontics. And finally, the conference concluded with a valedictory function, where results of various competitions were announced, leaving everyone with cherished memories. "In the world of smiles, we found our resonance, With memories of this great Indian Orthodontic Conference."

**1<sup>st</sup> day of conference**-An illuminating morning commences with the inaugural day of the conference, graced by a multitude of eager delegates, thirsting for knowledge. The day starts with International keynote by Dr. Ricardo Machado Cruz on The Challenging Class III Cases: 'How to Choose the Best Approach' and Dr. Juan Carlos Perez Varela on 'Has 3-D Technology And Artificial Intelligence changed our clinics'.

National keynote by Dr. Keluskar on 'Surgical Orthodontics', Dr. Silju Mathew on 'Finite Element Analysis and Orthodontics', Dr. Jayesh Rahalkar on 'Asymmetries due to Yaw and Roll - Clinical Tips for Management', Maj. Gen. B Jayan on 'Orthodontic Surgical Treatment of Dentofacial Deformities; A Holistic Approach', Dr. Sunjay Suri on 'Optimizing Everyday Mechanics in the Orthodontic Treatment of Cleft Lip and Palate', Dr. M Vadivel Kumar on 'Temporary Anchorage Devices: The Game Changer', Dr. Ajit Kalia on 'Conquering the Demons of Class III Malocclusion using Skeletal Anchorage & Damon Appliance', Dr. Shailesh Deshmukh on Aligners: 'A Bane or A Boon', Dr. Gauri Vichare on 'Evidence Based Treatment Planning in Orthodontics', Dr. Sudhir Kapoor on 'TAD's , A Biomechanical aid in different clinical situations', Dr. Dilip S. on 'Torque control -The root of the problem', Dr. Abhisek Ghosh on 'Orthodontic Retreatment ; Changing Concepts, Complications And Clinical Solution',

Dr.Sarabjeet Singh on 'Orthodontics and Beyond'. Guest lectures were also there by Dr. S D Miling Tania on 'Footing Outside The Alveolus - Extra Alveolar Anchorage for Extra Benefits', Dr. G. Sriramon 'Treatment Outcome with ADVANSYNC -2 Appliance - Facts And Fictions', Dr.Rekha Bharadwaj on 'Direct Printed Aligners-Align with the Future', Dr. M K Anandon 'Accuracy in Detecting the Fitness of Aligners using Artificial Intelligence', Dr.Roopa Siddegowda on 'Facial Esthetics Changes In Orthodontic Treatment - A Comprehensive Approach', Dr.Sunanda Roy Choudharyon 'Why Does Orthodontic Treatment With Clear Aligners Lack Predictability', Dr. S Aravind Kumar on 'Addressing The Vertical Malocclusion', Dr.Pandurangan Hari Krishnanon 'Mechanical Behaviour Of Orthodontic Brackets Under Torque', Dr. Kavitha S.Iyeron 'Management Of Class III Malocclusion With Aligners', Dr. Aakash Shah on 'Adult Transverse Diagnosis And Treatment With Two Case Reports Of MARPE', Dr.Rajan K Mahindra on 'Class III - Diagnosis and Non Surgical Management', Dr.Rajaganesh Gautam on 'The Nuts And Bolts Of Skeletally Anchored Maxillary Expansion -A Clinical Analysis', Dr. Rohan Mascarenhas on Clinical Orthodontics Ethical Principles and Practices', Dr.Umarevathi Gopalkrishnan on 'Facial Asymmetry And Occlusion: Finding The Link Is The Key To Proper Treatment', Dr. Brig. Sukhbir Singh Chopra on 'Management Of Class III Malocclusion- Different Strokes', Dr. Vinod Krishnan on 'Revisiting The Biologic Determinants of Tooth Movement', Dr.Madhav Manoj on 'Skeletal Expansion...Right Left And Centre', Dr. Sumitra Reddy on 'Distraction Like Protraction of Maxilla In Adults : A Contemporary Non Surgical Alternative To Le fort Advancement', Dr.Sanjeeb Kumar Sahuon 'Interagency Collaboration And Shared Responsibility', Dr. Sunil Abraham on 'Malampatti, OSA And The Orthodontist', Dr. J Sabarinathan on 'Competency Based Dental Curriculum-Orthodontic Perspective', Dr.Sunita Srivastavon 'Care Protocol For Diagnosis And Management of TMD In Orthodontic Practice'.

### **2<sup>nd</sup> day of conference-**

International Keynote by Dr. Josh Rowley on 'Predictable Results With Clear Aligner Orthodontics', Dr. Letizia Perillo on 'Early Treatment Of Class III Malocclusion: Rationale And Long- Term Stability', Lee W. Graber on 'Clinical Orthodontics Today, Getting To Tomorrow', Dr.Waddah Sabounion 'Clear Aligner Treatment : Possibilities And Considerations'.

Guest lecture by Dr. Mahesh Jain on 'Distraction ;The Way Forward In Treating Hypoplastic Maxilla In Cleft Patient', Dr. Salil Nene on 'Expanding The Envelope Of Treatment Possibilities: Miniscrew and Bone Screw Way', Dr. Samir Patil on 'Navigating Aerosols: An Innovative Infection Control Method in Orthodontics', Dr.Tradip Jaipal on New Techniques, New Challenges -old Basic Solutions', Dr.Rajib Kumar Seal on 'Extraction – Non extraction Decision Making:An Evidence Based Review', Dr. Dinesh Kumar Bagga on 'Information Mastery: An Approach to Improving Patient Care', Dr. Prashant Dhole on 'Cubing The Orthodontic Rubik - Retreatment of Old Cases', Dr. Vinay Dua on 'The FEM Bullet- Should We Bite It: Orthodontic Perspective', Dr. Amit Nagar on 'Management of Impacted, Malposed and Transposed Teeth- Case Series, Dr.Sangeetha Duraisamy on 'Non Surgical Management of Skeletal Malocclusion -Predictors of Favourable Outcome', Dr.Haritha Pottipalli on 'Mandibular Canine Impaction-Road Less Travelled', Dr. N Kurunji Kumaran on 'Accelerated Tooth Movement- The Realm of Factuality and the Road Ahead', Dr.MukundanVijayan on 'Splints In Orthognathic Surgery: Surgery First Vs Conventional', Dr. M Sainath on 'Speech Sequelae In Class III Malocclusion- A Spectroscopic Study, Dr. Amrita Puri on 'Accuracy And Reliability of Intraoral Root Positioning Device For Assessment Of Tooth Parallelism In Patients Undergoing Orthodontic Treatment', Dr.Anshu Sahu on 'Obstructive Sleep Apnoea –The Prerogative Of An Orthodontist', Dr. Manu Krishnan on 'Stem Cells From Orthodontic Premolars And Craniofacial Applications', Dr. J. Mohamed Iqbal on 'Management Of Cleft Lip And Palate : An Institution Experience', Dr.Bhadrinath Srinivasan on 'Orthodontic Treatment Using Bone Screw-Widening the Horizon', Dr.Tusar Kanti Nayak on 'Interdisciplinary Treatment, Integrating Orthodontic With Restorative And Periodontics'.

### **3<sup>rd</sup> day of conference-**

National Keynote by Dr.Anand Patil on 'Acceleration Of Orthodontic Tooth Movement, Did We Reach The Capstone', Dr.Sridevi Padmanabhan on 'Airway And Orthodontics-Facts Vs Fiction', Dr.Surya Kanta Das on 'Risk Factors And Success Of Mini Implant', Dr.Sanjay Labh on 'Extraction Decision Making-Revisited', Dr.O P

Kharbanda on 'Secrets And Evidence To Successful Non Extraction Treatment Utilizing Molar Distalisation, With Or Without TADS Supported Buccal Anchorage', Dr.Ajay Kubavat on 'Unveiling The Impact Of Material Engineering And Gingival Trimline On The Biomechanics of Aligner Therapy: A Ground Breaking Perspective', Dr.Tulika Tripathi on 'Artificial Intelligence ; is it Asli Intelligence', Dr.Goutam Munjal on 'Decoding Biomechanics : Exploring new vistas'.

Guest Lectures By Dr.Priyank Rai on 'Skeletally Anchored Fixed Functional Appliance (In Late Adolescence): Unravalled', Dr.Vignesh Kailasam on 'Andrew's Fifth Key- A Radiological And Clinical Evaluation', Dr.JitendraBhagchandani on 'Unusual Extraction Combinations: The New Normal', Dr. Jojo Joseph Vallamattam on 'Management Of Paediatric And Adult Sleep Disordered Breathing With MSE, Dr.Subramanya Shetty on 'Autorotation: A Truth Or A Myth', Dr. Sridhar Kannan on 'Painless Orthodontics - A Definite Possibility', Dr. Rajiv Gupta on 'Orthodontic Expedition: It's Time To Accelerate', Dr.Sapna Singlaon 'Clinical Considerations During Orthodontic Management Of Impacted Teeth', Dr.Neetu Dablaon TADS', Dr.Zarina Bali on 'Vertical Dysplasias: Journey From Planning To Execution', Dr.Subhash Seth on 'Self Ligating Brackets : Are All The Glitters Really Gold'!, Dr.Anshul Singlaon 'Correlation Between Skeletal Jaw Relationship With Cervical Spine Inclination And Cervical Vertebral Morphometry', Dr. M. Sunil Kumar on 'Role Of Different Facial Patterns To The Infra Zygomatic Crest Thickness Using TADS', Dr. Sunil Kumar Nagmode on 'Use Of TAD's For Treating Different Malocclusions In Orthodontics', Dr.AnandTripathi on 'Biomedical Ethics : Success Mantras For Clinicians', Dr. K M Shahul Hameed Faizeon 'Touching New Heights , With Feet Grounded. - "New Age Orthodontics', Dr.Smruti Bhusan Nanda on 'Begg's Wrap Around Vs Vacuum Formed Retainers', Dr.Uday Kumar Digumarthion 'Functional Appliances Revisited; Do They Deliver On Their Promise', Dr. Padma Priya on 'Direct Printed Aligners : Demystified With A Case Series', Dr. Arvind Mengion 'The Art Of Multidisciplinary Orthodontics', Dr.Sonal Chowdhary on 'Maxillary Full Arch Distalisation', Dr.Amesh Golwara on 'Conventional To Digital Functional Orthopaedics: Are We Moving On The Right Path', Dr. Gaurav Gupta on 'Kaleidoscope of Cases With PSL System', Dr.Sarvraj Kohlion 'Extra Radicular (Bone Screws)', Dr.Jitendra Sharanon 'A Novel Way To Enhance the Biomimetic Properties Of GaN For Orthodontic Miniscrew Implant (OMSI): A Futuristic Concept', Dr.Dhaval Somanion 'Case Selection And Optimization Of Aligner Number', Dr.Sumita Mishra on 'Probiotic Mouthwash For Combating Oral Diseases in Patients Undergoing Orthodontic Treatment' and Dr. Ankit Sikrion 'Primary Eruption Failure: An Orthodontic Juggernaut'!

In this way, Meerut elated to have been part of organizing this magnificent national conference, which undoubtedly left a lasting impression on all who attended. This conferences had play a vital role in keeping dental professionals updated on the latest developments in their field. It facilitated international collaboration and fostered the exchange of ideas and techniques among experts.

As the final curtain descends on the Indian Orthodontic Conference, we celebrate its resounding success. The conference's pages now close, but the knowledge shared and connections made will continue to flourish. We depart with hearts full of gratitude and anticipation for the continued growth and excellence in the field of orthodontics."

Jai Hind

Jai IOS

PICTURE1: PHOTOS OF IOS OFFICE BEARERS IN ONE FRAME



PICTURE 2: LAMP LIGHTNING BY THE DIGNITARIES IN INAUGURATION CEREMONY



PICTURE 3: SPEECH BY THE HEAD OF DEPARTMENT DR.PRADEEP RAGHAV



PICTURE 4: INAUGURATION CEREMONY



PICTURE 5: SEATING OF DIGNITARIES ON THE DIAS

