

## **DEPARTMENT ACHIEVEMENTS**

1. Department conducted a three day Comprehensive Hands-on Course on MBT treatment Mechanics on 12<sup>th</sup> to 14<sup>th</sup> December 2011 by Dr. K Sadashivashetty.
2. Department conducted a National Integrated Typhodont workshop in Aug 2015 and first National Integrated Typhodont manual was published by the department.
3. Department conducted a workshop on “Clinical photography in dentistry” on 26<sup>th</sup> September 2016 by Dr. Matrshiva B. Vyas.
4. Department conducted lecture on Orientation to NABH accreditation by Dr Abhishek Sharma at IDST Modinagar on 17<sup>th</sup> February 2017.
5. Department conducted a lecture on Class II correction made efficient-The 3M way by Dr Chetan Jayede on 24<sup>th</sup> April 2017 at IDST Modinagar.
6. Dr Puneet Batra Appointed as Editor of JIOS at 53<sup>rd</sup> IOS election cochin.
7. Department conducted a hands on course on photography on world photography day 19<sup>th</sup> August 2019.
8. Dr Puneet Batra appointed as President of ISCLP for 2019-2020
9. Dr Puneet Batra appointed as DCI member on government recommendation in 2019.

## **DEPARTMENT RESEARCH WORK**

### **2019-2022 BATCH**

DR. ALISHA K. H.-evaluation of the effects of presurgical nasoalveolar moulding using modified Grayson technique and aligner with “dynacleft” on facial changes in unilateral cleft patients using three-dimensional facial scan

DR. VISHNUPRASAD HARI- a cbct evaluation of the effects of anteroposterior (ap) transforce appliance in unilateral cleft lip and palate patients and its comparison with patients treated with facemask: a clinical prospective study.

DR. MOHAMMED RIBIN- evaluation of root resorption using cbct in patients treated with clarity ultra 3mself ligating brackets: a clinical; prospective study

DR. JAN MOHD. BHAT- evaluation of root resorption using cbct in patients treated with clarity ultra 3mself ligating brackets: a clinical; prospective study

DR. JOBIN BABY- assessment of the efficiency of space closure in patients treated with clarity ultra 3mself ligating bracket: a clinical prospective study

### **2018-2021 BATCH**

DR. ASHISH KUMAR-formulation of a 3d radiographical assessment scale after secondary alveolar bone grafting in cleft lip and palate patients.

DR. SHUVADEEP DUTTA-comparative evaluation of maxillary protraction with and without skeletal anchorage in patients with unilateral cleft lip and palate using cbct: a clinical prospective study.

DR. DEEPANSHI YADAV-comparative evaluation of maxillary protraction with and without skeletal anchorage in patients with unilateral cleft lip and palate using cbct: a clinical prospective study.

DR. NIYAZ MUHAMMED-evaluation of the effects of miniscrew assisted rapid palatal expansion (marpe) in patients with transverse maxillary deficiency.

DR. AVEEK GHOSH-comparative evaluation of the effects of forsyth fatigue resistant device in patients with class ii malocclusion using conventional indirect and direct miniplates anchorage: a clinical prospective study

### **2017-2020 BATCH**

DR. SHALVI SINGH-to evaluate effects of alternate rapid maxillary expansion and constriction in unilateral cleft lip and palate patients with developing class iii malocclusion using cbct and finite element modelling.

DR HIMA MARIET THOMAS-evaluation of the effects of quad helix appliance in complete cleft lip and palate patient using finite element modelling and cbct- a clinical prospective study.

DR. MIR YASSER ABDULLAH-evaluation of volumetric changes in oropharyngeal airway, root resorption and lower incisor proclination in class ii patients treated with hybrid fixed functional appliance.

DR. .SHABEER N. T.-assessment and comparison of rate of space closure during canine retraction in appliance with conventional and non-conventional elastomeric modules with passive self-ligation brackets- a randomized clinical prospective study

DR..VIVEK CHAUDHARY-assessment and comparison of transfer accuracy of brackets with indirect bonding- a randomized clinical prospective study.

### **2016-19 BATCH**

DR. AKHIL AJAY-to evaluate the effects of niti palatal expander in complete unilateral cleft lip and palate patients using finite element modelling and cbct a clinical prospective investigation

DR. KRANTI KIRAN-comparative study to evaluate the cortical bone thickness in maxilla and mandible using cone beam computed tomography (cbct) in damon self- ligation and conventional bracket system in non-extraction cases. A clinical prospective study.

DR.B. A ABHINAV-comparative study of nasoalveolar molding by grayson method and dynacleft with nasal elevator in unilateral cleft lip and palate patients. A clinical prospective study.

DR. VAIBHAV KUMAR-comparison of rate of orthodontic tooth movement with self-ligation and conventional brackets using custom made vibratory device” a clinical prospective study.

DR. H. LALNUNPUII-to evaluate the effect of low intensity laser therapy on the rate of orthodontic tooth movement using self-ligation and conventional” a clinical prospective study

### **2015-18 BATCH**

DR. ANAND LUKOSE-assessment of masticatory efficiency and functional occlusal contacts in patients using twin – block functional appliance at different time period of treatment.

DR. JOSEPH JOSE-pre and post cbct evaluation and comparison of grafted bone with the normal untreated side of the alveolar bone of the same unilateral cleft patient

DR. SHOJ ASHOK-evaluation of masticatory efficiency and occlusal contacts in class ii patients treated with hybrid fixed functional appliance.

DR. RASHMI MITTAL-comparison of rate of tooth movement, irregularity index, pain perception and alignment efficiency associated with conventional bracket system and passive ligation system (damon) assisted with corticotomy using propel. A clinical prospective study.

DR. SONAL ATTRI-alignment efficiency associated with conventional bracket system and passive ligation system (smart clip) assisted with corticotomy using propel. A clinical prospective study

### **2014-17 BATCH**

DR. N NARENDREN-evaluation of temporomandibular joint complex changes, airway volume changes and external apical root resorption with powerscope fixed functional appliances.

DR. GAURAV KR. SINGH-to check the enzyme activity profiles and elisa analysis in human saliva and gingival markers in accelerated tooth movement and with normal tooth movement in extraction cases.

DR. ASHISH YADAV-comparisons of maxillary and mandibular arch dimension, torque control, arch depth changes and anchorage loss in active and passive self ligation appliance.

DR. NEHA THAKUR-dentocraniofacial morphology of parents having a child with non- syndromal unilateral cleft lip and palate.

DR. RAVINDER YADAV-forsus with mini screw to control lower incisor inclination.

### **2013-16 BATCH**

DR. ANIKA ARORA-dentofacial morphology of parents with and without bilateral cleftlip –palate patients- a comparative study

DR. RUCHI SAINI-comparison of muscle response external apical root resorption and oropharyngeal airway volume in patients treated with rigid and flexible fixed functional appliances – a randomized prospective study.

DR. REHANA BASHIR-evaluation of tooth angulation, inclination and arch width changes in conventional versus active and passive self- ligating brackets –an in vivo study

### **2012-15 BATCH**

DR.HIMANSHU KAUSHIK-evaluation of temporomandibular complex changes with rigid and hybrid fixed functional appliances

DR.D.K.PANDIT-assessment of anchorage loss and apical root resorption after space closure with sliding mechanics retrospective clinical studycomparing 0.022 and 0.018 self ligatingmbt bracket system.

DR. KRITI SHARMA-a comparative evaluation of masticatory efficiency and occlusal contacts in class ii patients treated with upper premolar extractions and fixed functional appliance cases.

### **2011-14 BATCH**

DR. HARSH JUNEJA-comparative electromyographic evaluation of hybride and rigid fixed functional appliance

DR. SHAKSHAM MITTAL-comparison of intraoral ageing of orthodontic wires with conventional and self ligating appliance.

DR. SIDHANT TANEJA-evaluation of external root resorption with rigid and hybride fixed functional appliance.(a comparative study)

### **2010-13 BATCH**

DR. ABHISHEK SINHA-a prospective randomized controlled trial on the comparative clinical efficiency and hygiene of a ceramic inter locking retainer and a fixed spiral wire bonded retainer

DR. AMIT BHATIA-oropharyngeal airway volume and temporomandibular joint loading pattern changes in patients treated with flexible functional class ii correctors.

DR. AMIT SRIVASTAVA-optimisation of crimpable attachments in sliding mechanics with fixed orthodontic therapy

### **2009- 12 BATCH**

DR. AMANDEEP SINGH-assessment of anchorage loss and apical root resorption during levelling and alignment: a prospective clinical trial between conventional, mbt and a self -ligating bracket system.-

DR. MAYANK MUKHI-a comparative assessment of levels of aspartate aminotransferase (ast) activity in gcf during treatment with self-ligating and conventional bracket system: a prospective randomized control trial.

DR. PRARTHNA SHARMA-alignment efficiency and pain perception associated with conventional mbt and self-ligating bracket system using standard and tandem mechanics

## **POST GRADUATE PRESENTATIONS**

### **2019**

1. DrShalvi Singh presented paper on “Alternate rapid maxillary expansion and constriction in cleft patients – a case report” in Indocleftcon 2019 held in Varanasi .
2. Dr Hima Mariet presented poster on “Effect of Quad Helix appliance in unilateral cleft lip and palate (UCLP) patients : A Finite Element study” in Indocleftcon 2019 held in Varanasi .
3. DrShalvi Singh presented poster on – Perceptions And Psychosocial Impact Of Malocclusion: Comparison Between Cleft Lip/Palate And Orthodontic Patients And Parents Indocleft con 2019 held in Varanasi .

4. DrShuvadeep Dutta presented poster on “ Effect of facemask on unilateral cleft lip and palate (UCLP) patients with developing Class III malocclusion ”in Indocleftcon 2019 held in Varanasi
5. Dr Ashish Kumar presented poster on “SABG: Times needs to think different” in Indocleftcon 2019 held in Varanasi.
6. Dr Ashish Kumar presented poster on “Dental Photography: Let’s Shoot Like A Pro, Its Easy & Cheaper Than You Think” PG convention held in ITS Greater Noida.
7. Dr Ashish Kumar presented poster on “Dental Photography: Let’s Shoot Like A Pro” ” In Pg Convention Held In North Zonal Pg Convention JamiaMiliaIslamia.
8. DrShuvadeep Dutta presented paper on “ Effect of facemask on unilateral cleft lip and palate (UCLP) patients with developing Class III malocclusion ” In North Zonal Pg Convention JamiaMiliaIslamia
9. DrShuvadeep Dutta presented poster on “ Effect of facemask on unilateral cleft lip and palate (UCLP) patients with developing Class III malocclusion ” In PG convention held in ITS Greater Noida.
10. Dr Vivek Chaudhary presented poster “indirect bonding” in PG convention held in ITS Greater Noida.
11. Dr Mir Yasser Abdullah presented poster “Advan Sync-2” in PG convention held in ITS Greater Noida.
12. DrDeepanshi Yadav presented poster “Micro-osteoperforation” in PG convention held in ITS Greater Noida.
13. Dr Niyaz Muhammed presented poster “MARPE” in PG convention held in ITS Greater Noida.
14. Dr Vivek Chaudhary presented paper “indirect bonding” in PG convention held in North Zonal PG Convention Jamia Milia Islamia
15. Dr Mir Yasser Abdullah presented paper “Advan Sync-2” in PG convention held in North Zonal PG Convention Jamia Milia Islamia
16. DrDeepanshi Yadav presented paper “Micro-osteoperforation” in PG convention held in North Zonal PG Convention Jamia Milia Islamia
17. Dr Niyaz Muhammed presented paper “Expansion” in PG convention held in North Zonal PG Convention Jamia Milia Islamia

18. Dr Jan Mohd Bhat presented paper “Public Awareness ” in 54<sup>th</sup> IOC held in Bhubhaneswar .
19. Dr Alisha K H presented paper “Public Awareness ” in 54<sup>th</sup> IOC held in Bhubhaneswar .
20. Dr Vishnuprasad Hari A presented paper “Public Awareness ” in 54<sup>th</sup> IOC held in Bhubhaneswar .
21. Dr Jobin Baby presented paper “Public Awareness ” in 54<sup>th</sup> IOC held in Bhubhaneswar .
22. Dr Mohammed Ribin M presented paper “Public Awareness ” in 54<sup>th</sup> IOC held in Bhubhaneswar .

## **2018**

1. Dr Shalvi Singh presented poster on Alternate rapid maxillary expansion and constriction in Unilateral Cleft lip and palate patients in PG convention held in D Y Patil University, Mumbai.
2. Dr Hima Mariet Thomas presented poster on Maxillary Expansion in patients with Cleft lip and Palate in PG convention held in D Y Patil University, Mumbai.
3. Dr Hima Mariet Thomas presented paper on Effect of Quad Helix appliance in unilateral cleft lip and palate (UCLP) patients : A Finite Element study in Indocleftcon held in Kolkata .
4. Dr Shalvi Singh presented poster on Pre maxillary vomer fracture in bilateral cleft lip and palate patients – A rare case report in Indocleftcon held in Kolkata
5. Dr Vivek Chaudhary presented poster on “indirect bonding” in North Zonal PG Convention held in Subharti Dental college, Meerut.
6. Dr Shabeer Nt presented poster on “Slide ligature” in North Zonal PG Convention held in Subharti Dental college, Meerut.
7. Dr Mir Yasser Abdullah presented poster on “Advan Sync-2” in North Zonal PG Convention held in Subharti Dental college, Meerut.

## **2017**

1. Dr Hima Mariet Thomas presented paper on “Maxillary expansion in cleft palate” in Delhi dental conference organised by IDA Delhi.
2. DrShalvi Singh presented paper on “Alternate rapid maxillary expansion and constriction in cleft patients” in Delhi dental conference organised by IDA Delhi.
3. DrShabeerNt presented paper “Slide ligature “in Delhi dental conference organised by IDA Delhi.
4. Dr Vivek Chaudhary presented paper “indirect bonding “in Delhi dental conference organised by IDA Delhi.
5. Dr Mir Yasser Abdullah presented paper “Advan Sync-2” in Delhi dental conference organised by IDA Delhi.
6. DrShalvi Singh presented poster on “Alternate rapid maxillary expansion in cleft patients” in IOC 52 held in Jaipur

## **2016**

1. Dr. SonalAttri presented a poster on self -ligation brackets
2. Dr. Ashish Yadav presented a poster on clear aligners.
3. Dr. Gauravkumar presented a poster on accelerated tooth movement.
4. Dr. Rashmi Mittal presented a poster on Golden proportion.
5. Dr. Narendran presented poster on Nanotechnology.

## **2015**

1. Dr.Kriti Sharma presented a paper on a comparative evaluation of masticatory efficiency and occlusal contacts in Class II patients treated with upper premolar extraction and fixed functional appliances.”at 19th IOS Pg convention Bangalore, 2015.
2. Dr. Himanshu Kaushik presented a paper on“Evaluation of temporomandibular complex changes with Rigid and Hybrid Fixed Functional Appliances.” at 19th IOS Pg convention Bangalore, 2015.
3. Dr. Anika Arora presented paper on topic “nasalveolar molding” at Subharti, Meerut.



4. Dr. Ruchisaini presented paper on topic “Pitch fork analysis” at Subharti, Meerut.
5. Dr. Anika Arora presented paper on topic “Dentocranial morphology in parents of children with BCLP and parents of children with no craniofacial morphology” at 19th IOS Pg convention Bangalore, 2015.
6. Dr. Ruchisaini presented paper on topic “Oropharyngeal airway changes in MPA patients” at 19th IOS Pg convention Bangalore, 2015.
7. Dr. Narendran N presented poster on topic “Nanotechnology in Orthodontics” at 19th IOS Pg convention Bangalore, 2015.
8. Dr. Neha thakur presented poster on topic “Alveolar bone grafting in cleft patients” at 19th IOS Pg convention Bangalore, 2015.
9. Dr. Gaurav Singh presented poster on topic “Corticotomy” at 19th IOS Pg convention Bangalore, 2015.
10. Dr. Ashish Yadav presented poster on topic “Self ligating brackets” at 19th IOS Pg convention Bangalore, 2015.

## **2014**

1. Dr. Kriti Sharma presented paper on “unilateral cleft lip and palate patient: a case report” at FDI Greater Noida, 2014.
2. Dr. Anika Arora presented paper on topic “Hemifacial hypoplasia” at FDI Greater Noida, 2014.
3. Dr. Ruchisaini presented paper on topic “Pitch fork analysis of MPA patient” at FDI Greater Noida, 2014.
4. Dr. Narendran N presented poster on topic “Robotics in Orthodontics” at FDI Greater Noida, 2014.
5. Dr. Neha thakur presented poster on topic “Unilateral cleft patients” at FDI Greater Noida, 2014.
6. Dr. Gaurav Singh presented poster on topic “Corticotomy” at FDI Greater Noida, 2014.

7. Dr. Ashish Yadav presented poster on topic “Self ligating brackets” at FDI Greater Noida, 2014.

## **POST GRADUATE AWARDS & ACHIEVEMENTS**

1. **James F Mullick scholarship** for Orthodontic residents 2016 ACPA award given to **Dr Anika Arora** (PG 3rd year).
2. Nominated for best post graduate student award 2015 for Bitein Dental awards to **Dr. Amit Srivastava**.
3. **Dr. Joseph Jose** won first prize in poster presentation on Nanorobotics in Orthodontics at Indraprast dental college.
4. **Dr. NarendranNandu**won third prize in paper presentation on Nano robotics.
5. **Dr. NarendranNandu**won first prize in paper presentation at Indraprast dental college.
6. **Dr. Joseph Jose** won second prize for paper presentation on cleft lip and palate in State Dental conference, North Delhi IDA on September 2017.
7. **Dr. B.A.Abhinav**won prize for presenting a review article on NAM in State Dental conference, North Delhi IDA on September 2017.
8. Dr. Shalvi Singh won 3<sup>rd</sup> prize in poster at 52<sup>nd</sup> Indian Orthodontic Conference, Jaipur, Nov 2017.
9. DrShalvisingh invited for international student observership program by university of Western Australia ,Perth in august 2018.
10. DrShuvadeepdutta won 2<sup>nd</sup> prize for poster presentation in indocleft con 2019.