

# Department of Orthodontics

## ON GOING REASERCH

1. Comparison of dento-skeletal changes in skeletal class II with Angles Class II div 1 cases using fixed functional appliances : Forces TM fatigue resistant device and Mandibular AdvanSync TM 2  
Researcher - Dr. Nikhil Mukhedkar  
Co Worker - Dr. Pravinkumar Maroore
2. A comprehensive exploration of awareness and practice of orthodontic record management among orthodontist : A questionnaire study  
Researcher - Dr. Riya Gala  
Co Worker – Dr. Pravinkumar Maroore
3. Awareness among orthodontist regarding digital networking strategies used in orthodontic practices  
Researcher - Dr. Kirti Sonwane  
Co Worker - Dr. Pravinkumar Maroore
4. Efficacy of probiotic lozenges and probiotic toothpaste on reduction of salivary streptococcus mutans level in patients undergoing orthodontic treatment : A randomized clinical trial  
Researcher - Dr. Riya Gala  
Co Worker - Dr. Suresh Kangane
5. A comparative evaluation of white spot lesion on application of non fluoride resin sealant, fluoride resin sealant and varnish during fixed orthodontic treatment : A randomized clinical trial  
Researcher - Dr. Sumit Honrao  
Co Worker - Dr. Suresh Kangane
6. Assessing the influence of pre-grafting orthodontic modalities on alveolar bone graft outcomes in unilateral cleft lip and palate patients : A cone beam computed tomography study  
Researcher - Dr. Disha Khandade  
Co Worker - Dr. Yatishkumar Joshi
7. Assessing the effect of Denosumab on anchorage control: A split mouth randomized controlled trial.  
Researcher - Dr. Kirti Sonwane  
Co Worker - Dr. Pravinkumar Maroore
8. Comparison of shear bond strength of orthodontic primer incorporating nano-hydroxyapetite and silica doped nano particles: - in vitro study  
Researcher - Dr. Gajanan Waghmare  
Co Worker - Dr. Shilpa Kendre
9. Assessment of awareness , attitude and knowledge about digital cephalometry in orthodontic post graduate and practitioner: A questionnaire survey  
Researcher - Dr. Arsalan Shaikh  
Co Worker - Dr. Yatishkumar Joshi
10. Comparative evaluation of Injectable vitamin D vs Injectable platelet rich fibrin on the rate of maxillary canine retraction: A randomized control trial  
Researcher - Dr. Aavesh Bhoir , Dr. Manjusha Patil  
Co Worker - Dr. Suresh Kangane

- 11.** Assessment of precautionary measures used during orthodontic brackets bonding to enhance bonding strength: A questionnaire survey  
Researcher - Dr. Siddhant Jadhav  
Co Worker - Dr. Suresh Kangane
- 12.** Effect of three orthodontic adhesive removal techniques and time on bis-phenol in saliva after deboning in orthodontic patents – A randomized control trial  
Researcher - Dr. Aavesh Bhoir  
Co Worker - Dr. Suresh Kangane
- 13.** Evaluation of changes in airway dimension and sagittal position of hoivoid bane in orthodontic patents treated with extraction of all firat premolars – A cephalometric study  
Researcher - Dr. Arsalan Shaikh  
Co Worker - Dr. Yatishkumar Joshi
- 14.** To compare the effect of three recycling methods on shear bond strength of rebounded brackets : An in vitro study  
Researcher – Dr. Siddhant Jadhav  
Co Worker - Dr. Suresh Kangane
- 15.** Quantitative evaluation of buccal and palatal cortical bone thickness at different height for effective mini implant placement by using cone beam computed topographic system.  
Researcher – Dr. .Manjusha Patil  
Co Worker - Dr. Shilpa Kendre
- 16.** Survey based evaluation of orthodontic residents on orthodontic practitioners attending financial literacy.  
Researcher- Dr. Nikhil Mukhedkar  
Co worker – Dr. pravinkumar Maroore
- 17.** Evaluation of the Validity and Accuracy of digital models compared to Plaster Models: A Comparative Study of Dental Measurements  
Researcher- Dr. Apoorva Panaskar  
Co worker – Dr. Yatishkumar Joshi
- 18.** Quantitative evaluation of cortical bone thickness and safe zone for miniscrew placement in mandibular alveolus region using cone beam computed tomography: An observational study.  
Researcher- Dr. Sheetal Thombre  
Co worker – Dr. Yatishkumar Joshi
- 19.** Assessment of the release of bisphenol A and it's analogous such as bisphenol F and bisphenol S in saliva from different brands of clear aligner materials using liquid chromatography-mass spectrometry”  
Researcher- Dr. Riya Bhangale  
Co worker – Dr. Suresh Kangane
- 20.** Effect of micro-osteoperforations with and without low-level laser therapy on accelerating tooth movement during alignment in mandibular anterior crowding: A randomized controlled trial"  
Researcher- Dr. Hrithik Patkar  
Co worker – Dr. Pravinkumar Maroore
- 21.** Comparative evaluation of Low laser therapy, Anesthetic gel and Sugarless chewing gum in reducing pain during initial orthodontic alignment - A Randomized Clinical Trial  
Researcher- Dr. Soundarya Shrivastav  
Co worker – Dr. Shilpa Kendre