



CURRICULUM VITAE

Dr. Ajit J Kalia

Orthodontist and Dentofacial Orthopaedician

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Summary

A highly technical individual who has specialized and proven expertise in orthodontics. He has excellent skills in communication, organization, motivation and administration; has the ability to perform dental surgeries and treat patients who have misaligned teeth and jaw bones.

Education

- **B.D.S.** – Jamanlal Goenka Dental College -- 1994
- **M.D.S. (Orthodontia)** – Ragas Dental College and Hospital, Chennai. – 2000

Certificates Awarded

- **Diplomate** of the Indian board of orthodontics
- 48th IOC, Ahmedabad.
- **1999 Best Clinical Paper** "Comparison of Manual Tracing and computerized video imaging" - Indian Orthodontic Conference, Bangalore.
- **2015 Best Clinical Innovation Paper** "Mini screw Supported Tongue Crib" - 50th Indian Orthodontic Conference, Hyderabad.

Experience

Teaching Experience – 18 years
Current Position

Professor & Head

Department of Orthodontics
M.A.Rangoonwala Dental College,
Azam Campus,Pune.

Private Practice

Exclusive Orthodontic practice at Pune since 2000, employing Pre- adjusted Edgewise (Straight Wire) Appliance ,Begg Appliance, Functional Jaw Orthopedics and lingual orthodontics

Consultations**Aditya Birla Memorial Hospital**

Department: Dental

Designation: Senior Consultant, Orthodontics

Paper Presentations	Publications
• Won Best Paper award for paper presented in 34th Indian Orthodontic Conference Oct.1999 held in Bangalore • Paper presented at 18th Asian Pacific Dental Congress & 50th Indian Dental Conference Jan.1996 held in Bombay – “ An evaluation of Ph changes of Human Dental Plaque after consumption of Cola beverages ” • SIR with temporary anchorage device – 45th IOC Manglore. • Laser aid soft tissue contouring for optimal microesthetic – 46th IOC • Adjunctive Protocols for Attaining Optimal Micro Esthetics in Orthodontics – 47th IOC APOC, Delhi. • Esthetic considerations in orthodontics – 48th IOC, Ahmedabad. • Anchorage in orthodontics Past present and future, 2011 – Rural Dental College, Pravara, Loni. • Temporary anchorage device, a paradigm shift. – POSG – 2013. • Smile Esthetics –A challenge in Orthodontics- APOC-Kuching, Malaysia 2014 • Scissor bite Correction-49th IOC Kolkata India 2014	• Scissor-bite correction using a mini screw anchorage (JCO 2012 Vol 16 No.9)First Author • Treatment of Anterior Open Bite with a Mini-Implant-Supported Tongue Crib January 2017, JCO • "Mini Screw Orthodontic Implant as Temporary Crown Restoration to Replace Unilateral Missing Lateral Incisor Post-Orthodontic Treatment, Vol. XLI /No. Three /2015, Journal of Oral Implantology, AAID • Multi-disciplinary approach for enhancing orthodontic esthetics – case report, August 2015, Clinical, Cosmetic and Investigational Dentistry • Scissor-Bite Correction Using Miniscrew Anchorage.VOLUME 46 : NUMBER 09 : PAGES (573-579) 2012. Modern Orthodontics. Ukrainian Journal • "Mini screw supported unilateral molar distalization" March 2015, Ukraine Journal of "Modern Orthodontics" • Lasers in Orthodontics SOLAZE- (Journal in Laser Dentistry.Vol 2; Issue 1; Jan 2008) As a Guide • Clinical Pearl!!!! LBW "Lumen Blocking Wreckage" IOS times,Page 9; Vol 1; No.3 July 2009 • Comparative Evaluation of Shear Bond Strength of Orthodontic Brackets using Laser Etching and two conventional etching techniques : An invitro study (Journal of Indian Orthodontic Society, July-Sep 2011;45(3):134-139) As a Guide • Simultaneous Intrusion And Molar Distalization using Mini Implants – A Case Report (Journal Of Indian Orthodontic Society, 44(3)July-Sep 2010) First Author

• Management of Transverse problems 19th IOS PG Students Convention Bangalore March 2015 • Skeletal Anchorage, 3rd IOS Zonal Orthodontic PG convention 2015, Sangli, Maharashtra. • Scissor Bite correction, Diplomate meeting, Chandigarh, 2015. • Contemporary orthodontics, Patna Orthodontics Study Group • TADS: Has Envelope of Discrepancy been changed, 20TH IOS PG CONVENTION, Feb 2016, Amritsar • "Mini screw Supported Tongue Crib" - 50th Indian Orthodontic Conference, Hyderabad 2015. • Aesthetic considerations in orthodontics, International Orthodontic, Conference SLOS 2016, Colombo, Srilanka • Transverse dimension - past present and future – Rural Dental College, Pravara, Loni. • Anterior open bite correction Diplomates meeting, Mumbai, April 2016 • Management of Transverse Dimension: Present And Future, 12th National Dental Update at the Dept of Dental Surgery & Oral Health Sciences, AFMC, Sept 2016. • Aesthetic considerations in orthodontics, HDO-CSO Congress, Split, 2016, Croatia • Adjunctive Protocols for Attaining Optimal Aesthetics, June 2015, Riga, Latvia • Anterior Open bite correction using miniscrew anchorage, 51st IOC & 8th WIOC GOA, 3rd November 2016 • Aesthetic Considerations In Orthodontics, 2nd World Congress on November 14-16, 2016, Kuala Lumpur, Malaysia • Adjective Protocol for Achieving Optimal Esthetics, 13th International of Iranian Association of Orthodontists, Iran, February, 2017 • Orthodontic Management Of Transverse Discrepancy: Past, Present& Future, 21st IOS PG Students Convention B.H.U. Varanasi, February, 2017 • The Art Of Writing A Scientific Paper, Rural Dental College, Pravaranagar, Loni, September 2017 • Skeletal Anchorage for Open Bite Correction, Indonesian Association of Orthodontics, Annual Meeting, October 2017, Medan, Indonesia • Mini Screw implants for open bite correction, 50th annual congress of Korean Association of Orthodontist (KAO), October 2017, Gyeongju.	• Modified quad helix for correcting scissor bite (Journal Of Asian Pacific Orthodontic Society, Vol 2 , No.2, July 2011) First Author • Orthodontic Sterilization : Revisited,Locus Initiative; Vol 2, Issue 1 Dec 2010 as First Author • Orthodontic treatment modality for OSA (Universal Research Journal for Dentistry, Sep-Dec 2010 Vol 1) First Author • Comparative Evaluation of Shear Bond Strength of Orthodontic Brackets using Laser Etching and Two Conventional Etching Techniques: An in vitro Study, July 2011, The Journal of Indian Orthodontic Society • Enigma of third molar in orthodontics: perplexing or predictable. (Article 12, Journal of IDA Pimpri Chinchwad, Vol 10, Issue 1. 2013) As a guide • An invisible approach to orthodontic treatment. (Article 10 11 , Journal of IDA Pimpri Chinchwad, Vol 10,. 2013) As a guide • A multidisciplinary approach to enhance smile esthetics. (Article 14, Journal of IDA Pimpri Chinchwad. Vol 10. 2013) As a guide • PHOTOGRAPHIC ASSESSMENT OF CEPHALOMETRIC MEASUREMENTS 2014; International Journal of Preventive and Clinical Dental Research, Ukraine • Assessment of Changes in the Oral Health- Related Quality of Life among Patients Wearing Fixed, Orthodontic Appliances, June 2015, International Journal of Preventive and Clinical Dental Research • Evaluation of Different Brands of Led Curing Devices for Bonding Metallic Orthodontic Brackets Dentistry, May 2014 • Evaluation of the facial profile by alteration of lip position in Indian Maratha male and female population, December 2014, International Journal of Dental and Medical Specialty • Awareness of orthodontic treatment need and perceptions of dental attractiveness among school children, May 2015, Universal Research Journal of Dentistry • Does Text Messaging Reminder Help in the Orthodontic Compliance of Patients to Maintain their Oral Hygiene, July 2014, Journal of Oral Hygiene & Health • Comparative evaluation of ion release from orthodontic mini-implants in 2 mouthwashes: An in-vitro study, October – December 2015 International Journal of Oral Health Dentistry • Lower incisor dentoalveolar compensation and symphysis dimensions in class II and class III patients, Oct-Dec 2014, International Journal of Dental and Medical Specialty
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- Maxillary Molar Distalization Using Mini-Implants, 52nd Indian Orthodontic Conference, November 2017, Jaipur WORK SHOP CONDUCTED: - Hands on Training on TAD at Dr. NTR University of Health Sciences, Vijayawada	- Does Facial Form Have Any Influence On Pharyngeal Airway?, May - August 2016, International Journal of multidisciplinary health sciences - Lower incisor dentoalveolar compensation and symphysis dimensions in class II and class III patients, Oct-Dec 2014, International Journal of Dental and Medical Specialty - Does Facial Form Have Any Influence On Pharyngeal Airway?, May - August 2016, International Journal of multidisciplinary health sciences - Patient's And Parent's Perspectives Towards Orthodontic Treatment – An Assessment Through Q-Methodology, April-June, 2015; International Journal of Oral Health Dentistry - Comparison of Root - Crown Lengths and comparison of Root - Crown Lengths and Occlusal Contacts in Patients with Class-III occlusal Contacts in Patients with Class-III Skeletal Relationship, Anterior Open-bite and High Skeletal Relationship, Anterior Open-bite and High Mandibular Plane Angle, Jan-Mar 2015, International Journal of Dental and Medical Specialty - Does Text Message Reminder Help Orthodontic Patients to Wear IntraOral Elastics During the Treatment?, November 30, 2015, Journal of Dentistry and Orofacial Surgery - The Effect of Chewing Gum on the Pain associated With Initial Placement of Fixed Orthodontic Appliances, March 27, 2015, Journal of Dentistry and Oral Care - Do Facial Photographs Help In The Evaluation of Self Perception of Patients Towards Dentofacial Attractiveness?, May 2015, Dentistry - Cervical vertebral maturation method-effect of clinical experience on the reproducibility December 2016, IJOHD - Comparison of extraction versus non-extraction orthodontic treatment outcomes for borderline cases in the Indian population, October-December 2016, Indian Journal of Orthodontics and Dentofacial Research - Force Decay of Elastomeric Ligature Used for Active Tieback a Product Comparison Study, 2016, BAOJ Dentistry. - A combined approach for enhancing smile algorithm- A case report, 2015, Volume 1(2): 36-37 Dental, Oral and Craniofacial Research - Evaluation of the Effect of Maxillary Incisor Labiolingual Inclination & Antero-Posterior Position on Smiling Profile Esthetics – A Computer Aided Photographic Study, Sci J Res Dentistry. 2017;1(2): 043-049
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PROFESSIONAL HANDS ON TRAININGS / WORKSHOPS / SESSIONS

- Beethoven's International Damon, OBS & VISTA Workshop 2016, Hsinchu City, Taiwan

- **4th Yonsei International Course For Advanced Orthodontics 2014 SEOUL, South Korea**

RESEARCH ACTIVITIES

Ongoing

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| 2013-2016 | Evaluate the Sterility of Orthodontic Material As Received From Manufacturer and After Exposure to Clinical Environment-In Vitro Study |
| 2013-2016 | Evaluating the Change in Streptococcus Mutans in Plaque around Orthodontic Brackets Using Fluoride Toothpaste, Probiotic Curd and Recaldent-A Comparative In-Vivo Study |
| 2014-2017 | "Evaluating the Forces Delivered By Aesthetic Nickel-Titanium Wires and Their Non-Coated Equivalents" |
| 2014-2017 | "Visual Assessment of Cervical Vertebral Maturation Stages - A Study of Diagnostic Accuracy and Repeatability" |

Completed

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| 2007-2010 | Comparative evaluation of shear bond strength of orthodontic brackets using laser etching and two conventional etching techniques -an invitro study |
| 2008-2011 | Frictional resistance to sliding against titanium , ceramic and stainless steel brackets using stainless steel and NiTi archwires. –an invitro study |
| 2009-2012 | To study the force degradation of orthodontic elastomeric chains due to commonly consumed liquids- an invitro study |
| 2010-2013 | Comparision of etching pattern and shear bond strength of two different etching techniques for orthodontic bonding of molar tube with and without enamel deproteinization with sodium hypochlorite- an invitro SEM study |
| 2011-2014 | Invitro evaluation of various treatmantas to prevent demineralization around orthodontic brackets |
| 2012-2015 | Evaluation of the influence of gingival display on smile esthetics in Indian females. |
| 2012-2015 | Evaluation of effect of labiolingual inclination and anteroposterior position of maxillary incisors in smiling profile esthetics |

CLINICAL INNOVATIONS

- **Mini-Implant Assisted Rapid Palatal Expansion - A Stereolithographic Approach - 2017**
- **Modified Digital Vernier Caliper For Accurate Bracket Placement - 2017**
- **A customized device for accelerating teeth movement during orthodontic treatment – AcceleDent - 2016**

EDITORIAL WORKS

REVIEWER FOR:

- Angle Orthodontics
- Progress in Orthodontics
- Journal of Indian Orthodontic Society
- **International Journal of Oral Health Dentistry, Oral Health Dentistry, ISSN No. 2395-4914 (Print) 2395-499X (Online)**
- **Journal of Dentistry and Orofacial Surgery ISSN: 2470-9735**

EDITOR

- Journal of Indian Orthodontic Society

Expertise

- **Temporary Anchorage Device**
- **Micro Esthetics**
- **Lasers and Smile Designing**
- **Functional Jaw Orthopedics**

Personal Details

Personal Details	Clinic Details
Date of Birth : 02.10.1972 Marital Status : Married Sex : Male Nationality : Indian Languages Known : English,Hindi & Marathi	Address : Ratan Orthodontic Center, Plot No.517, Sector No.27, Pradikaran, Akurdi, Pune – 411044. Phone No 020-27652016, 020-27656067, 9422027777 Links : https://www.practo.com/pune/doctor/dr-ajit-kalia-dentist-1 https://www.facebook.com/ajit.kalia.1?fref=ts http://www.abmhinternational.com/doctors/dr-ajit-j-kalia www.linkedin.com/in/ajitkalia

References

Dr. N.R.Krishnaswamy , Email : enarnd3@yahoo.com

Dr. M.K.Prakash, Email : mkprak@vsnl.com

