# Dr. Sonali Vijay Deshmukh. MDS, Consultant Orthodontist.

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# **Educational Qualifications**

# **BDS, Bachelor of Dental Surgery**

Nagpur University, Maharashtra State, India. 1990-1994

MDS, Master of Dental Surgery in Orthodontics.

Nagpur University, Maharashtra state, India 1995-1998.

# Internship

1<sup>st</sup>July 1994 to 30 June 1995.

**Government Dental College& Hospital,** 

Nagpur, India.

**Rotating Posting in all clinical Department** 

- ОРГ
- Treatment of patients from extractions, scaling to complete Dentures.

# **Clinical Experience**

### AL- Badar Rural Gulbarga Dental College & Hospital, Gulbarga, India.

Assistance Professor in Orthodontics.

- (26 -12-1998 till 19-12-2001.)
  - Teaching Undergraduate Students.Diagnosis & Treatment of Orthodontics patients.
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# Dr. D. Y. Patil Dental College & Hospital, Pimpiri, Pune, India

Lecturer 5-2-2002 to 5-12-2003. Reader 6-12-2003 to 30-11-2006

Asso.Professor 1-12-2006 to 30-11-2008

Professor 1-12-2009 to 31-1-2013, Professor 1-8-2013-Till date.

- Teaching Undergraduate & Post Graduate Students.PHD Guide
- Diagnosis & Treatment of Orthodontics Patients.

# Smilex Dental Specialty Centre, Pune, India.

Consultant Orthodontist (10<sup>th</sup> Jan 2000 to till date.)

Consultation of ortho patients, treatment planning and treatment by Invisalign,
 Fixed orthodontic appliance, Myofunctional appliances, Lingual appliances, TAD-supported orthodontics, Child and adult orthodontics.

# License

# Certificate of Registration under Dentist act, 1948(XVI of 1948)

Maharashtra State Dental Council, Bombay, India.

Dated: 20-9-1995.

Registered No: A- 5661

# Memberships

# Life member, Indian Orthodontic Society.

# **Training Courses Attended**

# Pre-Adjusted Edgewise Appliance.

Nagpur Orthodontic Study Circle, Nagpur, India 27,28 &29 June 1997.

Faculty: Dr. Prakash & Dr. Sable.

### Cleft lip & Palate; Twin Block appliance.

Nagpur Orthodontic Study Circle, Nagpur, India. 18 & 19 September 1998.

Faculty: Dr. O.P. Kharbanda.

# **Precision Based Indirect Bonding**

Bombay Orthodontic Study Group, Mumbai, India.

27<sup>th</sup> Feb 2005.

Faculty: Dr. John T. Kalange, USA

# Orthodontic Finishing: What every clinician should know

41st Indian Orthodontic Conference, Chennai, India.

23<sup>rd</sup> November 2006.

Faculty: Dr. Vincent Kokich, USA.

# Micro (Screw) Implant Anchorage Course.

Dentos India, Mumbai, India.

5<sup>th</sup> March 2006.

Faculty: Dr. Mani K. Prakash.

Esthetics In Orthodontics: State of the Art.

43<sup>rd</sup> Indian Orthodontic Conference, Mumbai, India 18<sup>th</sup> December 2008.

Faculty: Dr. Bjorn U. Zachrisson, Norway

### **Basic & Advanced Lingual Orthodontics Course.**

Lingual Orthodontics Courses, Pune, India. 22&23 January 2011. Faculty:Dr. Rafi Romano.

#### **Clear Path Orthodontics**

Dr. D.Y. Patil Dental college, Pune. India. 24<sup>th</sup> January 2013. Faculty: Dr. Swapnil Gupta.

# Dealing with the Atrophic Maxilla.

ICDRO World Congress, Pune, India. 25<sup>th</sup> August 2013. Faculty: Dr. Robert Horowitz, USA.

# Sub-epithelial connective tissue graft - a clinical perspective.

DPU, Dr. D.Y. Patil Vidyapeeth, Pune, India. 28<sup>th</sup> October ,2013
Faculty: Dr.W. Peter Nordland.

# I LINGUAL 3 D

Mumbai, India. 26 April, 2015.

Faculty: Dr. Jignesh Kothari.

### **Lingual Orthodontics.**

Indian Lingual Orthodontic Congress. 15-16 September 2014

# Workshop on Orthognathic Surgery.

Dr. D. Y. Patil Dental College & Hospital, Pune, India. 22<sup>nd</sup> & 24<sup>th</sup> February 2016.

# Yonsei International Mini-Residency for Advanced Orthodontics.

Yonsei University college of Dentistry, Yonsei University, Seoul, South Korea. 23-28 June 2016.

Faculty: Dr. Keun Woo Lee & Dr. Hyung-Seog Yu.

# 3 D Imaging: Demystifying the Virtual Reality

Dr. D. Y. Patil Dental College & Hospital, Pune, India. 9<sup>th</sup> December 2016.

#### Kline Clear Aligners: Scope & Limitations.

Dr. D. Y. Patil Dental College & hospital, Pune, India. 10<sup>th</sup> January 2017 Faculty: Dr. Gurkeerat Singh.

### **Invisalign Training Course**

Invisalign.

8 & 9 May 2017, Mumbai, India.

Faculty: Dr. Kenneth Lew.

### Flash Aligner Certification Course.

Flash Orthodontics, Pune, India. 14<sup>th</sup> September 2017.

#### **Advance Orthodontics,**

IOS-MYC, Brussels& Amsterdam. 25-31 July 2018.

### Diagnostic Imaging: Hands -on Course.

Bharati Vidyapeeth, Dental College & Hospital, Pune, India. 28<sup>th</sup> September 2018.

# Contribution as Guest Speaker/ Paper Presenter

- Chairperson, 48<sup>th</sup> Indian Orthodontic Conference, Ahmedabad, India. 22-24 November 2013.
- Chairperson, Bond with the Best.
   1 & 2 June 2018.
- Orthodontic Treatment in Syndromic Cases

Guest Faculty , Pune Orthodontic Study Group. Pune, India.

25<sup>th</sup> March 2018.

 Guest Speaker, 17<sup>th</sup> Annual Symposium of Contemporary Orthodontics, Loni, India

25-27 March 2019.

- Chairperson, 17<sup>th</sup> Annual Symposium of Contemporary Orthodontics, Loni, India. 25-27 March 2019.
- Guest speaker, 55th Indian Orthodontic Conference, Amritsar 24th- to 26th Sept. 2021

# **Publications**

- Dr. Sonali Deshmukh, Dr. SanketAgarkar, Dr. Amrita Kishore. Treatment OfMalpositioned Periodontally Compromised Teeth By An Interdisciplinary Approach- A Case Report. JICDRO. Sept-Dec 2009;1(3):20-26.
- Sonali V Deshmukh Et Al. Mean Values Of Steiner, Tweed, Ricketts And Mcnamara Analysis In Maratha Ethnic Population: A Cephalometric Study. APOS Trends In Orthodontics. Sept 2013;3(5):137-151.
- 3. SonaliDeskmukh Et Al. Evaluation of Maxillary Interpremolar, Molar Width ByDrna Indices And Arch Dimension, Arch Form In Maratha Population. JIOS. Oct2013;47(4):461-467.

- 4. Dr. Shikha Godara, Dr. SonaliDeshmukh, Dr. Neeta: Mean values of Bergmans analysis in Maratha Ethenic population- A Cephalomertic study. National Research Denticon, 2014;3(2):22-30
- 5. Dr. Zeeshan Iqbal Bhat, Jayesh Rahalkar, SonaliDeshmukh,: Treatment of class III malocclusion in a young adult with reverse pull face mask. Journal of Orthodontic Research .2015;3(1):70-75
- Ayush Mathur, C.R Naik, Jayesh Rahalkar, Sonali Deshmukh: Effect of saliva and desensitizing agent on shear bond strength of metal and ceramic brackers using self etching primer (An Invitro study) Accepted in Indian Journal of contemprory Dentistry. 2015;3(1):127-133
- 7. NimayDevjee,Sonali V. Deshmukh,SandeepJethe,Charudatta R. Naik A comparative evaluation of the effectiveness of erbium-doped yttrium aluminum garnetlaser with other in house refurbishing methods for reconditioning stainless steel and ceramic brackets. An environmental scanning electron microscope and shear bond strength analysis:An in-vitro study APOS Trends Orthod 2015;5:202-7
- 8. Arth K. Patel, Sonali V. Deshmukh, C. R. Naik, Sandeep Jethe, Krunal A. Patel Radiographic Assessment for Predicting the Mandibular Third Molar Eruption after Orthodontic Treatment in First Premolar Extraction Group and Non-Extraction Group: A-retrospective Study International Journal of Dental Health Concerns Vol 1 Issue 1 Jan-Apr 2015
- 9. Singh S, Deshmukh S, Merani V, Rejintal N. Mean values of Arnett's soft tissue analysis in Maratha ethnic (Indian population A cephalometric study. J Int Soc Prevent Community Dent 2016;6:327-37.
- Sonalideshmukh, V deshmukh, A bhoosreddy, Sandeep jetheKleidokraniale Dysplasie-MultidisziplinareBehandlungeinerseltenErkrankung..Kieferorthopadie2016; 30(3): 251-257
- Shriranjani S, Deshmukh S, Rahalkar J, Manerikar R, Agarkar S. Jethe S. Durkar S. Skeletal and dentoalveolar effects produced by reverse twin block appliance in Class III malocclusion in growing patients – A systematic review. Sch. J. App. Med. Sci. 2017;5(9C):3654-3661.
- 12. Mean values of Beta Angle and YEN Angle in Maratha ethnic population and their reliability on select local population: A cephalometric observational study. Kedar M. Wani1,\*, Ravindra Manerikar, Sandeep Jethe, Sonali Deshmukh, Jayesh Rahalkar. International Journal of Oral Health Dentistry. 2017;3(1):43-49
- 13. Yadav P, Manerikar R. Deshmukh S. Jethe S. Effectiveness of sodium fluoride after brushing with fluoride toothpaste for the prevention of white spots on teeth during fixed orthodontic treatment a systematic review. JOOO 2017;3(3):136-138.

- 14. Deshmukh S. Innovations in dentistry. J Int Clin Dent Res Organ 2017;9:1.
- Sheetal Kamble, Sonali Vijay Deshmukh, SachinDurkar, Jayesh Rahalkar.
   Establishment of norms for crown angulation and inclination among Maratha population: Cross-Sectional Study. International Dental Journal Of Students Research 2017;5(3):66-72.
- 16. Deshmukh S. Scientific Osmosis. J Int. Clin Dent Res Organ 2017;9:51
- Aditya Tankhiwale, Jayesh S. Rahalkar, SanketAgarkar, Sonali Deshmukh, Ravindra Manerikar. Relationship between extended head posture and malocclusion. IP Indian Journal of Orthodontics and Dentofacial Research, January-March, 2018; 4(1):34-39.
- 18. Karishma V Mutha, Jayesh rahalkar, Sandeep Jethe, Sonali V Deshmukh, Effectiveness of cone beam computed tomography of maxillary canine as compared to traditional Radiographs: A systematic Review update International Journal of Scientific research. Jan 2018
- 19. Dr Sonali Deshmukh: Indian dentistry: Today and Tomorrow; Int.Clin Dent ResOrgan 2018; 10:1-2.
- ShalakaRaurale, Ravindra Manerikar, SachinDurkar, Sonali Deshmukh, Jayesh Rahalkar Indian Journal Of Orthodontics And Dentofacial Research ComarativeEvaluation Of Transverse Discrepencies In Different Safittal Malocclusions-An Observational Study, 20184(1):29-34
- 21. Dr Sonali Deshmukh: Artificial Intelligence in Dentistry: Int.Clin Dent Res Organ2018; 10:47-48.
- 22. NishigandhaShinde, Sandeep Jethe, SanketAgarkar, Sonali Deshmukh, AsmitaKharche, Jayesh Rahalkar: comparative evaluation of chin thickness inclassI, classII adults with three mandibular divergence cephalometric study; Journal of Advanced Medical and Dental Sciences Research; 2019;7(2):22-25
- 23. Sandesh r dokha, sonalideshmukh, sandeepjethe, jayesh s rahalkar, swetabhattacharya: Reliability of biological markers, insulin like growth factor-1(IGF-1) as an indicator in assissing skeletal maturity using blood sample by ELISA technique: Journal of advance medical and dental science research; Jan 2019;7(1);104-102
- 24. Shinde N, Jethe S, Agarkar S, Deshmukh S, Kharche A, Rahalkar J. Comparative Evaluation of Soft Tissue Chin Thickness in Skeletal Class I and Class II Adults with Three Mandibular Divergence- A Cephalometric Study. J Adv Med Dent Scie Res 2019;7(2):33-40.

- 25. Burnout in dentistry: A myth or reality, SV Deshmukh Journal of the International Clinical Dental Research June 2019;11(1);1-2
- 26. Rathod N, Deshmukh SV, Agarkar S, Shetty L, Jethe S, Rahalkar JS. Comparative evaluation of speed of orthodontic tooth movement with or without piezocision technique: An In vivo study. J Int Clin Dent Res Organ 2019;11:90-5
- 27. Priyanka Chhutani1, Sonali Deshmukh1, Sandeep Jethe2, Sanket Agarkar3, Sujata Yerawadekar1, and Jayesh Rahalkar, Effect of Rapid Maxillary Expansion on Mandibular Rotation—A Systematic Review. Journal of Indian Orthodontic Society 54(1) 5–13, 2020
- 28. Deshmukh SV. Being in peace with coronavirus disease 2019. J Int Clin Dent Res Organ 2020;12:1-2.
- 29. Clinical use of orthodontic mini-implants for intrusion and retraction: A systematic review Sanjam Oswal, Sanket S Agarkar, Sandeep Jethe, Sujata Yerawadekar, Pradeep Kawale, Sonali Deshmukh, Jayesh S Rahalkar Australasian Orthodontic Journal 2020;36(1);87-100
- 30. Deshmukh SV. Mental Health of Dental Professionals during COVID-19 Pandemic. J Int Clin Dent Res Organ [serial online] 2020 [cited 2022 Aug 4];12:85-6.
- 31. Merani V, Pulgaonkar R, Jethe S, Rahalkar JS, Deshmukh S, Dongre S Evaluation of orthodontic shear peel-band strength, adhesive remnants, site of bond failure and solubility of three commonly used cements when applied to pre-fabricated and customized bands: An in-vitro study. J Adv Med Dent Scie Res 2021;9(1):5-10.
- 32. Deshmukh SV. Mindful research to avoid research waste. J Int Clin Dent Res Organ 2021;13:1-2
- 33. BIOPHYSICS AND TOOTH MOVEMENT-A CRITICAL APPRAISAL, Ravindra Manerikar, NG Toshniwal, Shubhangi Mani, Vaishnavi Maniyar, Sonali Deshmukh, Veera Bhosale 2021 (BOOK PUBLISHED)
- 34. Deshmukh, Sonali. "Bargaining in dentistry." Journal of the International Clinical Dental Research Organization, vol. 13, no. 2, July-Dec. 2021, p. 79
- 35. Evaluation of Changes in Condylar Cartilage Thickness Using MRI and Ultrasound Imaging in Patients Treated by Mandibular Advancement With Myofunctional Appliance: An In-Vivo Study ...PA Sonali Deshmukh , Sachin Durkar , Amit Kharat , Suramya Shiranjani

Cureus 13(7): e16338. DOI 10.7759/cureus.16338 13 (7), 1-10

- 36. Deshmukh SV. Three-dimensional technology in dentistry and its fourth dimension. J Int Clin Dent Res Organ 2022;14:1-2
- 37. Oswal S, Deshmukh SV, Agarkar SS, Durkar S, Mastud C, Rahalkar JS. In vivo comparison of the efficiency of en-masse retraction using temporary anchorage devices with and without orthodontic appliances on the posterior teeth. Turk J Orthod. 2022;35(2):112-119.

# **Awards Received**

- ISP Merit Award, for standing 1<sup>st</sup> in Final BDS Periodontology Examination, 1994.
- Colgate Gold Medal, For Topping Final BDS examination
- Professional Award of Excellence- Lokmat

### References

• Dr. Ajay Bhoosreddy, Professor & HoD Oral Medicine & Radiology.

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Nashik, Maharashtra, India. Phone: +91 9823055236.

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Government Dental college & Hospital , Nagpur, Maharashtra , India.

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# Permanent Address:

24, Abhishilpa, Near MIT Engineering College, Kothrud, Pune -38, Maharashtra State, India.

# **Declaration**

I hereby declare the above mentioned information is true and verifiable to the best of myknowledge and I bear responsibility for the correctness of the above particulars.

Date: 27/04/2019

Signature: