

## Curriculum Vitae

NAME: DR (MRS) SANJYOT ANVAY MULAY

DESIGNATION: Consultant, Department of Conservative Dentistry and Endodontics



EMAIL ID: sanjyot.mulay@dpu.edu.in

CONTACT NO: 09822036048

ORCHID ID: <https://orcid.org/0000-0003-1628-8646>

SCOPUS ID:

EDUCATIONAL QUALIFICATIONS -

**B.D.S** – Government Dental College and Hospital, Mumbai -1986

**M.D.S** – Conservative Dentistry including Endodontics, Mumbai -1990

PROFESSIONAL/ACADEMIC EXPERIENCE-

**Training Abroad** – 1993-1998

- 5 yrs in U.K
- 1 yr in U.S.A

**U.K** – \*Advanced Training in Department of Restorative Dentistry at

(a) Cardiff Dental School and Hospital, Wales

Senior House Surgeon

Department of Restorative Dentistry.

(b) Leeds Dental Institute, Yorkshire

Staff Grade in Restorative Dentistry

\*Training in Dental Implants.

Member of the research group associated with dental implants at Leeds Dental Institute.

## FIELD OF SPECIALIZATION-Conservative Dentistry and Endodontics

\*PG Guide 2005 onwards

\*PhD Guide 2010 onwards

### **\*Awards and Memberships-**

- Fellow of Pierre Fauchard Academy
- Fellow of International College of Dentists
- Life member of Indian Academy of Conservative Dentistry & Endodontics
- Life member of Indian Endodontic Society
- Life member of Indian Academy of Aesthetic and Cosmetic Dentistry
- Life member of Indian Society of Prosthodontics-Restorative-Periodontics
- Life Member of Indian Society of Implantologists
- Member of Indian Dental Association

### **\*Special Achievements –**

- BDS and MDS examiner for MUHS and Deemed Universities
- Paper setter for BDS and MDS course for MUHS and Deemed Universities in Maharashtra and other states.
- Subject expert on Board for staff selection of Bharati Vidyapeeth University
- Jt. Director of Post Graduate Studies, DYPDCH – May 2013 to July 2014
- Director of Post Graduate Studies, DYPDCH – August 2014 to December 2018
- Member of Research Cell & Scientific Committee, DYPDCH, Pune (2014-June 2019)
- Member of Clinical Trial Committee, DYPDCH, Pune (2014-2018)
- Member of Board of Studies for Pre-clinical and Clinical Subjects, D.Y.Patil Vidyapeeth
- Member of Academic Council, D.Y.Patil Vidyapeeth
- Chairman of Board of Studies for Pre-clinical Subjects, DYPDCH, Pune (2017-2018)
- Member of Institutional Research Advisory Committee (2014-date)
- Member of Research Progress monitoring committee, DYPDCH (2016 to date)
- Chairperson at various national and international conferences
- Judge at various zonal and national conferences
- Co-ordinator for various workshops and pre-conference courses
- Reviewer for Journal of Indian Dental Association
- Member of Peer Review on Editorial Board of Journal of Conservative Dentistry
- Member of Advisory board for multinational companies like Glaxo-Smithline and Ultradent
- Ph.D. Supervisor, Post-Graduate Studies Pacific Academy of Higher Education & Research University, Udaipur.
- Subject expert on Ph.D. Programme, Bharati Vidyapeeth Deemed University, Pune
- Subject expert on Ph.D. Programme, Rural Dental College, Deemed University, Loni

## **\*Paper Publications**

National - 29

International – 45

### **National Paper Publications**

1. Dr. Shruti Hajare, Dr. Shalini Aggarwal, Dr. Uma Athwale, Dr. Sanjyot Mulay. Periapical infection related transient paresthesia. *Clinical Dentistry; December 2007; 11(4):35-37*
2. Dr.SyedGufran Ali and Dr. Sanjyot Mulay. Improving predictability in cases of deep caries management. *Clinical Dentistry; January 2008;11(5):57-59*
3. Dr.Priyanka Kaushal, Dr.Neha Kulkarni, Dr. Sanjyot Mulay. Effect of residual caries disclosing dye on microleakage of an adhesive system. *Dental Dialogue, Jan-Mar 2008; 34 (1): 22 – 24*
4. Dr.YogeshAhirrao, Dr.Shalini Aggarwal, Dr.UmaAthawle, Dr.Sanjyot Mulay. Divide and rule (Hemisection) - A case report. *Dental Dialogue 2008; 34 (3): 85-87*
5. Dr. Deepika Thosre, Dr. Sanjyot Mulay. Aesthetic rehabilitation: A synergistic approach. *Clinical Dentistry, October 2008: 53-58*
6. Dr. Puja Shah, Dr. Sanjyot Mulay. All in one-Mineral Trioxide Aggregate (MTA): Part -1. *Clinical Dentistry, December 2008; 11 (12): 47-52*
7. Dr. Shivani Kumar, Dr Lotika Beri, Dr Shalini Aggarwal, Dr.Sanjyot Mulay .Open apex endodontics. *Clinical Dentistry, March 2009: 38 - 45*
8. Dr.Puja Shah, Dr Sanjyot Mulay, Dr.Shalini Aggarwal All in one-Mineral Trioxide Aggregate (MTA): Part-II *Clinical Dentistry, June 2009: 25-31*
9. Dr. Nikhil Raj, Dr. Shalini Aggarwal & Dr. Sanjyot Mulay. Multidisciplinary treatment approach for sub-gingival crown fracture. *Dental practice March – April 2009; 8 (3): 36-38*
10. Dr. Puja Shah, Dr. Sanjyot Mulay, Dr. S. Aggarwal. Hope to the hopeless –Rehabilitation with a Multidisciplinary approach. *IAACD, March 2009;VI: 31- 36*
11. Dr. Sanjyot Mulay, Dr. Shalini Aggarwal, Dr. Jasmeet Singh Chandhok&Dr.P. Balaji Raman. HOPE FROM THE HOPELESS: Restoration of bisected and hemisected teeth. *Dental Practice July-Aug 2009; 8 (5): 16-18*
12. Deepika Thosre, Sanjyot Mulay. Smile enhancement the conservative way : tooth whitening procedure *J. Conserv Dent;Oct-Dec 2009;12 (4) :164 - 168*
13. Dr. Sanjyot Mulay, Dr. Amit Mahajan. A multidisciplinary approach to dental trauma an integrated endo-perio case report. *Journal of IAACD; March 2010; VII: 17-20*
14. Dr. Mohit Gupta, Dr. Sanjyot Mulay. Evaluation of cyclic fatigue resistance of three rotary nickel- titanium endodontic instruments in curved canals- In vitro study. *Endodontology, Dec. 2010 ;22 ( 2): 14 - 18*

15. Dr. Gaurav Kadam, Dr Sanjyot Mulay. Surgical extrusion of traumatized anterior tooth. *Journal of IAACD*. Dec 2011; VIII: 35 – 38
16. Dr. Syed Gufran Ali, Dr. Sanjyot Mulay. Negotiating Challenging root curvatures: Review & Case reports. *NJDSR, Jan 2012; 1: 56 – 59*
17. Syed Gufran Ali, Sanjyot Mulay, Aparna Palekar, Deepak Sejpal, Anurag Joshi, HinaGufuran. Prevalence of and factors affecting post-obturation pain following single visit root canal treatment in Indian population: A prospective, randomized clinical trial. *Contemporary Clinical Dentistry*. Oct-Dec 2012;3(4): 459-463
18. Dolly Motising Rathod, Sanjyot Mulay Comparative evaluation of ER: YAG and Nd:YAG Laser for gingival depigmentation. *Journal of Dental Laser*. January – June 2013;7( 1) : 38-42
19. Dr.Pradeep Shetty, Dr. Sanjyot Mulay, Dr. Saumya Shetty, Dr Swapnil Bhosale, Dr Saket Veling Breaking News....A Brief Overview about instrument separation. *Composite- IDA publication, Pimpri Chinchwad*. July – August 2013;10(1): 20-22
20. Dr. Hansa Jain, Dr. Sanjyot Mulay. Relationship between periodontitis and systemic disease: Leptin, a new biomarker? *Indian journal of Dental Research*. September – October 2014; 25( 5):657-660
21. Sanjyot Mulay, Hansa Jain. Change in salivary parameters: Flow & PH after chewing Xylitol & Sorbitol chewing gums. *Archieves of Oral Science & Research* 2014; 4(1):38-49
22. Dr. Pradeep Sheety, Dr. Sanjyot Mulay, Dr. Monika Chawala, Dr. Mubassira Shaikh, Dr. Sanket Sawant. Comparative Evaluation of Alkaline Phosphatase Levels in Dental Pulp of Diabetic and Nondiabetic Individuals. *J Dent Res Rev*. 2018; 4 (4): 101-3
23. Dolly Rathod, Sanjyot Mulay. Evaluation of efficacy of Nd:YAG laser, ozonated water, and ultrasonic irrigation with 3% sodium hypochlorite for disinfection of root canal: An in vivo study. *Endodontology*. 2018; 30(2): 135 – 139.
24. PradnyaKakodkar, Ravindra Ghooi, Sanjyot Mulay. Various Kinds of Dental Research Studies and their Requirements for Ethical Approval. *J Dent Res Rev*. 2018; 5(3): 72 – 74.
25. Swapnil Bhosale, Sanjyot Mulay, Pooja Jain, SaileeGhare. Simple aspiration technique to enhance nonsurgical healing of periapical lesion: a case report. *Central India Journal of Dental Sciences*. 2018; 9 (2): 50-52
26. Aishwarya Kadam, Swapnil Bhosale, Anita Tandale, Sanjyot Mulay. Single visit chairside indirect composite restoration. *Central India Journal of Dental Sciences*. 2018; 9(2): 53-57
27. Ekta Aakash Sengar, Sanjyot Mulay, Anita Kulloli, Shruti Ligade. Management of Internal and External Resorption with Open Apex. *J of Interdisciplinary Dentistry*. 2019; 9(2): 83-88
28. Kunal Bonde, Lotika Beri, Karan Bhargava, Sanjyot Mulay, Santosh Mastud, Tanaya Kumar. Comparative Evaluation of The Antibacterial And Physicochemical Properties of BioceramicApexit Plus Sealer Mixed With Cationic Nanoparticles -In Vitro Study. *Pravara Med Rev*. 2019; 11(2) : 40-44
29. Amita D. Patil, Soumya Shetty, Sanjyot Mulay, Pritesh Jagtap, Dhananjay Gandage, SaileeGhare. Effect of various mixing techniques of MTS on compressive strength and surface microhardness – A systematic review. *Pravara Med Rev*. 2019; 11(2): 36-39

## International Paper publications

1. Dr. P. Hart, Dr. A. R. Ogden, C J Watson, S. A. Mulay. Changes in Oral microbial flora during implant treatment & longitudinal study. *Journal of Dental Research* 1997; 76(55): 1080 – 1080.  
a. *American Asso. Dental Research* 5/1997
2. C. J. Watson, D. Tinsley, A. R. Ogden, J. L. Russell, S. Mulay, E. M. Davison. A 3 to 4 year study of single tooth hydroxylapatite coated endosseous dental implants. *British Dental Journal* 1999; 187(2): 90 – 94
3. Syed Gufran Ali, Mulay Sanjyot, Athawale Uma, Aggarwal Shalini. Non surgical Mangement of an Endo – Perio lesion: A case report. *J of Pierre Fauchard Academy – India section, March 2008; 22 (1): 31-33.*
4. Dr. Puja Shah, Dr. Sanjyot Mulay, Dr. Shalini Aggarwal, Endodontic Retreatment & Aesthetic rehabilitation of teeth with open Apices: A combined approach. *Journal of International college of Dentists* 2009; 54 (2): 16-19.
5. Dr. Priyanka Kaushal Kalra, Dr. Sanjyot Mulay, Dr. Shalini Aggarwal. Comparison Of Apical Leakage Between Immediate Versus Delayed Post Space Preparation Using Two Resin Sealers. *JICDRO / MAY-AUG 2009;1(2): 58-64*
6. Dr. Amit Mahajan, Dr. Sanjyot Mulay. Recreating Aesthetics. *J. of International College of Dentists* 2010; 55( 1): 12-15
7. Dr. Mohit Gupta, Dr. Sanjyot Mulay. Managing curved canals: A case report. *Journal of International College of Dentists. 2010; 55( 2& 3): 36-38*
8. Dr. Gaurav Kadam, Dr Sanjyot Mulay. “Stress busters” Comparison of stress concentration in abfraction lesions restored with various materials and techniques using Finite Element Analysis. *Journal of International College of Dentists. 2011; 56(1 & 2): 36-38*
9. Dr. Sanjyot Mulay, Dr. Dolly Rathod. “Nanobusters”- Part I. *Journal of International College of Dentists. 2012;57 (1): 8-9*
10. Dr. Dolly Rathod, Dr. Sanjyot Mulay. In- Vivo evaluation of efficacy of ultrasonic irrigation with 3% NaOCl and Nd:Yag laser for disinfection against Streptococcus and staphylococcus in root canal. *J of Pierre Fauchard Academy – India section, Sept. 2012; 26 (3): 112-116*
11. Dr. Sanjyot Mulay, Dr. Dolly Rathod. “Nanobusters”- Part II. *Journal of International College of Dentists. 2012; 57 (2): 43-45*
12. Hansa Jain, Rahul Kathariya and Sanjyot Mulay. Severe caries: A clinical dilemma. *Journal of Dentistry and Oral Hygiene. January 2013; 5(1):4-6*
13. Hansa Jain and Sanjyot Mulay. A review on different modes and methods for yielding a pentose sugar: xyliol. *Int J Food Sci Nutr Oct. 2013; 65(2): 135-143*
14. Aina Maryam, Hansa Jain, Sanjyot Mulay. Classification & Molecular Biology of orofacioidigital syndrome Type I. *International Journal of Scientific Study. October – December 2013; 1 (3) :121-132*
15. Dr. Gufran Ali Syed, Dr. Sanjyot Mulay, Dr. Suruchi Sisodia, Dr. Hina Gufran Syed. Endodontic treatment of single rooted maxillary central incisor with two canals: A case report. *IOSR Journal of Dental and Medical Sciences. April 2014; 13( 4) : 20 – 23*
16. Dr. Sanjyot Mulay, Dr. Apurva Band. Comparative Evaluation of Two in-Office Bleaching Agents Using Two Different Light Sources – In Vivo Study. *IOSR Journal of Dental and Medical Sciences. June 2014; 13 (6): 46 – 50*

17. Dr. Hansa Jain, Dr. Sanjyot Mulay. Detrimental Effects of Smoking on Periodontium in Health and Disease. *International Journal of Scientific Study*. June 2014; 2( 3): 76-81
18. Dr. Khushbu Ajmera, Dr. Sanjyot Mulay. Non-Odontogenic Toothache – A clinical dilemma. *International Journal of Scientific Study*. June 2014; 2 (3): 90-93
19. Dr. Syed Gufran Ali. Dr. Sanjyot Mulay. Articaine vs Lidocaine: A review. *IOSR Journal of Dental and Medical Sciences*. September 2014; 13(9): 40 – 44
20. Dr. Syed Gufran Ali, Dr. Sanjyot Mulay. Effect of EDTA-Urea Peroxide combination at different time periods on smear layer and root dentin surface: A SEM study. *International Journal of Innovation and Applied Studies*. Sept. 2014; 8(1): 232-236
21. Dr. Khushbu Ajmera, Dr. Sanjyot Mulay. Multimodality Esthetic Management – A Case Report. *International Journal of Science and Research*. January 2015; 4 (1): 1176-1180
22. Dr Tanvi Satpute, Dr Sanjyot Mulay. Effect of addition of novel chlorhexidine nanoparticles to a type II GIC on its microshear bond strength to dentin. *International journal of Dental Sciences and Research*. 2015;3(4):102-106
23. Dr Syed Gufaran Ali, Dr Sanjyot Mulay. Pulpitis : A review. *Journal of Dental and Medical Sciences*.2015;14(8):92-97
24. Sanjyot Mulay, Gaurav Kadam, Hansa Jain. Accuracy of Various Diagnostic Aids in Detection of MB2 Canal in Maxillary First Molar: In Vivo Study. *World Journal of Dentistry*. April-June 2016;7(2):78-82
25. Tanvi Satpute, Sanjyot Mulay. Comparative evaluation of fluoride uptake by dentine from glass ionomer cement functionalized with chlorhexidine Hexametaphosphate nanoparticles and type II GIC at 3 days-in vitro study. *International Journal of Advanced Research*. 2016;4 (5):1196-1206
26. Hansa Jain, Sanjyot Mulay, Peter Mullany. Persistence of endodontic infection and *Enterococcus Faecalis*:Role of horizontal gene transfer. *Gene Reports* 2016; 5:112-116
27. Dr Varsha Pandit, Dr Nitin Shah, Dr Sanjay Pandit, Dr Sanjyot Mulay. Validation of effectiveness of proteases in dissolving dental pulp tissue- An in-vitro study. *IOSR Journal of Dental and Medical Sciences*. 2016;15(11):26-31
28. Kunal S. Galankar, Sanjyot Mulay. Radix Entomolaris- A Case Report. *Int J Med Health Sci*.2017;6(1):69-72
29. Deepika ThosareChandhok, Jasmeet Singh Chandhok, Sanjyot Mulay, GrishmiNiswade, Jayshree Sajjanar and ArihantBathiya. EFFECT OF SURFACE POLISHING AND ORAL BEVERAGES ON THE SURFACE PROFILE AND COLOR STABILITY OF TWO COMPOSITE RESINS-IN VITRO *International Journal of Current Advanced Research*. 2017; 6 (3):2619-2625
30. Dr. Sanjyot Mulay, Dr. Khushbu Ajmera, Dr. Hansa Jain. The Wetting Ability of Root Canal Sealers After Using Various Irrigants. *J Orofac Sci*. 2017; 9(2): 95-8.
31. Dr. Dolly M. Rathod and Dr, Sanjyot A. Mulay. Non-surgical treatment of large lesion using various formulations of calcium hydroxide & Nd: Yag laser. *International Journal of Current Research*. 2017; 9 (8): 56668-72.
32. Dr. Pradeep Shetty, Dr. Sanjyot Mulay, Dr. Manju Singh, Dr. Mamata Reddy, Dr. Monika Chawla and Dr. Mubssira Shaikh. Histological Changes in dental pulp of Diabetes Mellitus (Type II). *International Journal of Current Research*. 2017; 9 (9): 57815-18.
33. Dr. Gaurav Lal Aidasani, Dr. Sanjyot Mulay, Dr. Vini Paresh Mehta, Dr. Rahul Anand. Dentinal defects in Endodontically Treated Teeth using NiTi Rotary Vs Reciprocating Endodontic Instruments- A Systematic Review. *Journal of Clinical and Diagnostic Research*. 2017; 11(12): ZE01-ZE04

34. Dr. Pooja Jain, Dr. Sanjyot Mulay, Dr. Rajesh Shetty. Incidence of Post-operative Pain after Single Visit Root Canal Treatment using Rotary and Reciprocating Single File Systems – A Systematic Review. *Journal of Advanced Medical and Dental Sciences Research*. 2018; 6(1): 98-105
35. Dr. Ekta Sengar, Dr. Sanjyot Mulay and Dr. Lotika Beri. In Vitro Comparison of Microleakage in Class V Cavities Using Self Etch Adhesives and Restorative Resins – A Systematic Review. *International Journal of Development Research*. 2018; 8 (1): 18655-58.
36. Gaurav Lal Aidasani, Sanjyot Mulay. Management of Iatrogenic Errors: Furcal Perforation. *Journal of the International Clinical dental Research Organization*. February 2018; 10(1): 42-46.
37. Palak Jindal, Sanjyot Mulay, L. Rajpurohit. Comparative Evaluation of Salivary pH Using Herbal, Conventional and Remineralizing Toothpaste: In vivo study. *International Journal of Current Research and Review*. March 2018; 10 (5): 7-14.
38. Pooja Jain, Sanjyot Mulay, Swapnil Bhosale. Clinical Strategies in Endodontics for Management of Complex Trauma Cases – A Case Report. *International Journal of Research in Health and Allied Sciences*. Mar-April 2018; 4 (2): 57-60.
39. Dr. Tanvi Satpute and Dr. Sanjyot Mulay. COMPARATIVE EVALUATION OF THE AXIS MODIFICATION, CENTERING ABILITY AND APICAL DEBRIS EXTRUSION USING SINGLE-FILE RECIPROCATING AND CONTINUOUS ROTARY INSTRUMENTATION SYSTEMS IN CURVED ROOT CANALS- IN VITRO STUDY. *International Journal of Advanced Research (IJAR)*. April 2018; 6 (5): 767-774.
40. Dr. Aishwarya C Kadam, Dr. Lotika M Beri and Dr. Sanjyot A Mulay. ANTIBACTERIAL EFFICACY OF CALCIUM HYDROXIDE AND CHLORHEXIDINE AGAINST ENTEROCOCCUS FAECALIS – A SYSTEMATIC REVIEW. *International Journal of Development Research*. July 2018; 8 (7): 21786-21790.
41. Pooja Jain, Sanjyot Mulay, Swapnil Bhosale, Karuna Ramnani. Recreating an Esthetically and Functionally Acceptable Dentition Using Post and Core Restorations- A Case Report. *International Journal of Community Health and Medical Research*. 2018;4(3): 1-5
42. Pradeep Shetty, Monika Chawla, Sanjyot Mulay, Karan Bhargava, Tanaya Kumar, Vasudevan Vidhya. A comparative study of Isolation of Obligate anaerobes and Facultative Anaerobes in Microbial Flora of Non-vital teeth in Diabetic (Type II) and Non-Diabetic Patients. *International Journal of Current Research and Review* 2018; 10(1): 13-17
43. Dolly Rathod, Sanjyot Mulay. Management of Complicated Crown-Root Fracture Using Newer Radiographic AIDS – A Case Report. *J Sci & Tech Res*. 2018; 2(1): 2216-2220
44. Archana A. Gupta, Sanjyot Mulay, Pratiksha Mahajan, A Thirumal Raj. Assessing the effect of ceramic additives on the physical, rheological and mechanical properties of conventional glass ionomer luting cement –An in-vitro study. *Heliyon* 2019; 5 : 1-5
45. Rajvi K Bheda, Sanjyot A Mulay, Anita SanapTandale. In Vivo Longevity of Giomer as Compared to other Adhesive Restorative Materials: A Systematic Review. *J Int Clin Dent Res Organ*. 2020; 12: 3-7.

## RESEARCH PROJECTS-

|  |  |      |                   |
|--|--|------|-------------------|
| Comparative Evaluation of the Efficacy activity and smear layer removal of anti-oxidant irrigants and conventional root canal irrigants- an in vitro study | Dr. Karan Bhargava<br>Dr. Sanjyot Mulay          | DPU  | <b>3,75,000/-</b> |
| Effect of Pranayam-Yoga on anxiety during Covid19 pandemic amongst dental practitioners in Pune, Pimpri and Chinchwad- Questionnaire study                 | DR.<br>SANJYOT<br>MULAY<br><br>MS YOGITA<br>UBHE | Self |                   |
| Evaluation of anatomical positions of mandibular canal foramen and variations in inferior alveolar nerve canal using CBCT retrospective study              | Dr. Sanjyot Mulay                                | DPU  | 50,000/-          |