

DR. SHILPA H. BHANDI

College of Dental Medicine,
Roseman University of health Sciences
South Jordan, Utah.

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US.

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CURRENT POSITION

Adjunct Faculty College of Dental Medicine,
Roseman University of health Sciences
South Jordan, Utah

EDUCATION

DEGREE	DISCIPLINE	INSTITUTION
MASTER OF DENTAL SURGERY	Conservative Dentistry and Endodontics	Bapuji Dental College & Hospital, Davangere, Karnataka, India
BACHELOR OF DENTAL SURGERY	Dental Surgery	KLE'S Institute of Dental Sciences, Belgaum, Karnataka, India

ACADEMIC EXPERIENCE

June 2022-Present Adjunct Professor- Department of Cariology, **Saveetha Dental College & Hospitals**, Saveetha Institute of Medical and Technical Sciences, Saveetha University, Chennai 600077, India.

2016-Aug 2022 **Jazan University**, Department of Restorative Dental Sciences
Division of Operative Dentistry, College of Dentistry, Jazan, Saudi Arabia.
Assistant Professor

- Didactic lectures, practical sessions in training undergraduates
- Clinical supervision of Comprehensive Care Clinic
- Course director for Preclinical Operative Dentistry
- Academic Advisor for undergraduate students
- Part of Community Health Outreach Program
- Member of Internal Review Committee for Scientific Research Unit

M.S. Ramaiah University of Applied Sciences, Department of Conservative Dentistry and Endodontics, Faculty of Dental Sciences, Bangalore, Karnataka, India

Associate Professor

- 2014-15
- Academic Advisor for Postgraduate students
 - Teaching Undergraduate modules
 - Clinical supervision and training of undergraduates

M.S. Ramaiah University of Applied Sciences, Department of Conservative Dentistry and Endodontics, Faculty of Dental Sciences, Bangalore, Karnataka, India.

Assistant Professor

- 2012-14
- Teaching undergraduate modules
 - Curriculum development for postgraduates

Rajiv Gandhi University of Health Sciences, Bangalore. Bapuji Dental College & Hospital, Davangere, Karnataka, India.

Assistant professor

- 2008-11
- Teaching undergraduate modules
 - Supervising and teaching post graduate students

COMMUNITY OUTREACH / VOLUNTEER WORK

Supervised public health camps providing care in rural areas at Al Ardah, Jazan Province

Dental health camp – At Al Ardah, Jazan Province

On March 8th 2018

- Delivered preventative dental care
- Educated patients on dental health and oral hygiene practices (brushing and flossing techniques, etc.)
- Restorative treatments
- Dental health screenings
- Scaling

LEADERSHIP POSITIONS

2011-2012 Consulting Endodontist for Narayana Hrudayalaya Hospital, Bengaluru

2011-2012 Consulting Endodontist at Private Dental Clinics at Bangalore

CLINICAL SKILLS HIGHLIGHTS

- Expert in endodontic treatment of anteriors, canines, premolars and molars
- Skilled at endodontic retreatment; post endodontic restorations
- Expert in local anesthetic procedures and pain management
- Expert in crowns; proficient in all ceramic crown preparation
- Expert in treating pulp exposure, pulp capping, pulp removal
- Adept at inserting cosmetic fillings
- Scaling
- Proficient in diagnosis and management of dental emergencies including root fractures
- Proficient in the use of rotary endodontic instruments
- Preventive treatment including pit and fissure sealants
- Performed intentional replanting and splinting
- Restorative procedures including inlay and onlay
- Fluoride treatment
- Skilled patient educator

RESEARCH AND TEACHING INTERESTS

Operative Dentistry

Restorative Materials

Endodontics

Minimal Intervention Dentistry

Esthetic Dentistry

Regenerative Endodontics

Dental pulp stem cells

FELLOWSHIPS

Fellow of International College of Dentists

Fellow of the Pierre Fauchard Academy

Life Member of Indian Dental Association

Life member of Indian Endodontic Society

Life member of Federation of Operative Dentistry India

Member of IADR

Member of International Association of General Dentistry

ACADEMIC ACHIEVEMENTS

Reviewer for:

Journal of Contemporary Dental Practice (PUBMED INDEXED)

World Journal of Dentistry

International Journal of Contemporary Dentistry

International Journal of Clinical Dental Science

Dental Poster Journal

Moderator for GSK LEAD Program for Module I- 26th June 2014

CONTRIBUTION TO BOOKS

Book Chapter Extensive Amalgam Restorations. Published by Springer Nature, Germany
 CRG Torres, **S H Bhandi**, JC de Carvalho
 Modern Operative Dentistry, 411-433

LANGUAGES

English. Hindi. Kannada. Familiar with conversational Arabic, Tamil, Telugu

SELECTED LIST OF PUBLICATIONS

<https://scholar.google.com/citations?hl=en&user=Sh5u5-8AAAAJ>



Shilpa Bhandi

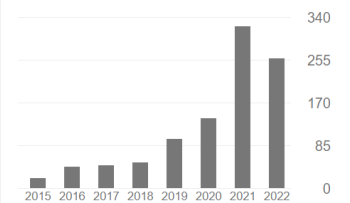
Assistant Professor, Department of Restorative Dentistry, College of Dentistry, Jazan University
 Verified email at jazanu.edu.sa
 Aesthetics MID Endodontics

FOLLOW

Cited by

	All	Since 2017
Citations	998	926
h-index	17	16
i10-index	31	29

TITLE	CITED BY	YEAR
Developments, application, and performance of artificial intelligence in dentistry--A systematic review SB Khanagar, A Al-Ehaideb, PC Maganur, S Vishwanathaiah, S Patil, ... Journal of dental sciences 16 (1), 508-522	91	2021
Clinical evaluation of mineral trioxide aggregate and biodentine as direct pulp capping agents in carious teeth S Hegde, B Sowmya, S Mathew, SH Bhandi, S Nagaraja, K Dinesh Journal of conservative dentistry: JCD 20 (2), 91	55	2017



117	<p>Comparative Evaluation of Microleakage of Flowable Composite Resin Using Etch and Rinse, Self-Etch Adhesive Systems, and Self-Adhesive Flowable Composite Resin in Class V Cavities: Confocal Laser Microscopic Study.</p> <p>Sengar EV, Mulay S, Beri L, Gupta A, Almohareb T, Binalrimal S, Robaian A, Bahammam MA, Bahammam HA, Bahammam SA, Zidane B, Albar NH, Bhandi S, Shrivastava D, Srivastava KC, Patil S. <i>Materials (Basel)</i>. 2022 Jul 16;15(14):4963. doi: 10.3390/ma15144963</p>
116	<p>Hypoxia, a dynamic tool to amplify the gingival mesenchymal stem cells potential for neurotrophic factor secretion.</p> <p>Patil S, Fageeh HN, Fageeh HI, Ibraheem W, Alshehri AS, Al-Brakati A, Almoammar S, Almagbol M, Dewan H, Khan SS, Baeshen HA, Patil VR, Raj AT, Bhandi S. <i>Saudi J Biol Sci</i>. 2022 May;29(5):3568-3576. doi: 10.1016/j.sjbs.2022.02.039</p>
115	<p>Gene and protein interaction network analysis in the epithelial-mesenchymal transition of Hertwig's Epithelial Root Sheath reveals periodontal regenerative drug targets - An in silico study.</p> <p>Yadalam PK, Krishnamurthi I, Srimathi R, Alzahrani KJ, Mugri MH, Sayed M, Almadi KH, Alkahtany MF, Almagbol M, Bhandi S, Baeshen HA, Raj AT, Patil S. <i>Saudi J Biol Sci</i>. 2022 May;29(5):3822-3829. doi: 10.1016/j.sjbs.2022.03.007</p>
114	<p>Evaluation of Fluoride Release in Chitosan-Modified Glass Ionomer Cements.</p> <p>Nishanthine C, Miglani R, R I, Poorni S, Srinivasan MR, Robaian A, Albar NHM, Alhaidary SFR, Binalrimal S, Almalki A, Vinothkumar TS, Dewan H, Radwan W, Mirza MB, Bhandi S, Patil S. <i>Int Dent J</i>. 2022 Jul 6:S0020-6539(22)00107-1. doi: 10.1016/j.identj.2022.05.005</p>
113	<p>Periodontal Treatment for Chronic Periodontitis with Rheumatoid Arthritis.</p> <p>Thilagar S, Theyagarajan R, Mugri MH, Bahammam HA, Bahammam SA, Bahammam MA, Yadalam PK, Raj AT, Bhandi S, Patil S. <i>Int Dent J</i>. 2022 Jul 6:S0020-6539(22)00079-X. doi: 10.1016/j.identj.2022.04.008.</p>
112	<p>Influence of Human and Bacterial Enzymes on Resin Restorations: A Review.</p> <p>Jafer MA, Qadiri AA, Mtwam NA, Hakami AH, Mowkly AA, Bhandi S, Patil S. <i>J Contemp Dent Pract</i>. 2022 Mar 1;23(3):371-377</p>
111	<p>Effectiveness of Online Learning vs Traditional Learning during COVID-19 Pandemic in Chennai: A Questionnaire Study.</p> <p>Mahendra J, Sivapathasundharam B, Mahendra L, Chandrasekaran S, Srinivasan S, Muralidharan J, Balaji TM, Bhandi S, Patil S. <i>J Contemp Dent Pract</i>. 2022 Mar 1;23(3):295-302</p>

110	<p>Modern Applications and Innovations of 3D Dental Imaging.</p> <p>Xhajanka E, D'Angelo M, Pagnoni F, Bhandi S, Zanza A, Patil S. <i>J Contemp Dent Pract.</i> 2022 Mar 1;23(3):277-278</p>
109	<p>Bone Regeneration in Vertical Osseous Defect in Periodontitis Patients using Bovine Colostrum.</p> <p>Ravishankar PL, Guruprasath P, Vangipuram P, Vaidya J, Visithiriyam G, Raj AT, Bhandi S, Patil S, Ghosh S. <i>Case Rep Dent.</i> 2022 Jun 21;2022:4183552. doi: 10.1155/2022/4183552</p>
108	<p>Surgical-anatomical evaluation of mandibular premolars by CBCT among the Italian population.</p> <p>Reda R, Zanza A, Bhandi S, Biase A, Testarelli L, Miccoli G. <i>Dent Med Probl.</i> 2022 Apr-Jun;59(2):209-216. doi: 10.17219/dmp/143546</p>
107	<p>Techniques for Extraction Socket Regeneration for Alveolar Ridge Preservation.</p> <p>Jafer MA, Salem RM, Hakami FB, Ageeli RE, Alhazmi TA, Bhandi S, Patil S. <i>J Contemp Dent Pract.</i> 2022 Feb 1;23(2):245-250</p>
106	<p>Comparison of the C-Reactive Protein Level and Visual Analog Scale Scores between Piezosurgery and Rotatory Osteotomy in Mandibular Impacted Third Molar Extraction.</p> <p>Shetty L, Gangwani K, Londhe U, Bharadwaj S, Bakri MMH, Alamoudi A, Reda R, Bhandi S, Raj AT, Patil S, Testarelli L. <i>Life (Basel).</i> 2022 Jun 20;12(6):923. doi: 10.3390/life12060923.</p>
105	<p>Receptor binding domain of SARS-CoV-2 from Wuhan strain to Omicron B.1.1.529 attributes increased affinity to variable structures of human ACE2.</p> <p>Patil S, Alzahrani KJ, Banjer HJ, Halawani IF, Alzahrani H, Altayar MA, Albogami S, Angeles RF, Hassan AAA, Bhandi S, Raj AT. <i>J Infect Public Health.</i> 2022 Jul;15(7):781-787. doi: 10.1016/j.jiph.2022.06.004.</p>
104	<p>Assessment of Conventionally and Digitally Fabricated Complete Dentures: A Comprehensive Review.</p> <p>Mubaraki MQ, Moaleem MMA, Alzahrani AH, Shariff M, Alqahtani SM, Porwal A, Al-Sanabani FA, Bhandi S, Tribst JPM, Heboyan A, Patil S. <i>Materials (Basel).</i> 2022 May 28;15(11):3868. doi: 10.3390/ma15113868.</p>
103	<p>Dental Caries and Oral Health Status of Psychoactive Substance Abusers.</p> <p>Bhavsar R, Shah V, Ajith NA, Shah K, Al-Amoudi A, Bahammam HA, Bahammam SA, Zidane B, Albar NHM, Bhandi S, Raj AT, Patil S. <i>Int J Environ Res Public Health.</i> 2022 May 10;19(10):5818. doi: 10.3390/ijerph19105818.</p>

102	<p>Artificial Intelligence in the Diagnosis of Oral Diseases: Applications and Pitfalls.</p> <p>Patil S, Albogami S, Hosmani J, Mujoo S, Kamil MA, Mansour MA, Abdul HN, Bhandi S, Ahmed SSSJ. <i>Diagnostics (Basel)</i>. 2022 Apr 19;12(5):1029. doi: 10.3390/diagnostics12051029.</p>
101	<p>Evaluation of Micro-Tensile Bond Strength of Fibre Post with Titanium Dioxide Nanoparticles as Fillers in Experimental Dental Composite Resin.</p> <p>Sihivahanan D, Maniyan Vijayakumari M, Yadalam PK, Boreak N, Binalrimal S, Alqahtani SM, Wadei MHDA, Vinothkumar TS, Chohan H, Dewan H, Bhandi S, Patil S. <i>Materials (Basel)</i>. 2022 May 5;15(9):3312. doi: 10.3390/ma15093312.</p>
100	<p>Gene Interaction Network Analysis Reveals IFI44L as a Drug Target in Rheumatoid Arthritis and Periodontitis.</p> <p>Yadalam PK, Sivasankari T, Rengaraj S, Mugri MH, Sayed M, Khan SS, Kamil MA, Bhandi S, Raj AT, Patil S, Heboyan A. <i>Molecules</i>. 2022 Apr 25;27(9):2749. doi: 10.3390/molecules27092749.</p>
99	<p>Effect of Different Intracanal Medicaments on the Viability and Survival of Dental Pulp Stem Cells.</p> <p>Bhandi S, Patil S, Boreak N, Chohan H, AbuMelha AS, Alkahtany MF, Almadi KH, Vinothkumar TS, Raj AT, Testarelli L. <i>J Pers Med</i>. 2022 Apr 4;12(4):575. doi: 10.3390/jpm12040575.</p>
98	<p>CC group of chemokines and associated gene expression of transcription factors: Deciphering immuno-pathogenetic aspect of oral submucous fibrosis.</p> <p>Yadahalli R, Sarode GS, Sarode SC, Khan ZA, Vyas N, Kharat AH, Bhandi S, Awan KH, Patil S. <i>Dis Mon</i>. 2022 Mar 24:101351. doi: 10.1016/j.disamonth.2022.101351.</p>
97	<p>Advancement in therapeutic strategies for immune-mediated oral diseases.</p> <p>Patil S, Mustaq S, Hosmani J, Khan ZA, Yadalam PK, Ahmed ZH, Bhandi S, Awan KH. <i>Dis Mon</i>. 2022 Mar 23:101352. doi: 10.1016/j.disamonth.2022.101352.</p>
96	<p>Identification of oral immune disorders- A review and a diagnostic algorithm.</p> <p>Patil S, Khan SS, Hosmani J, Khan ZA, Muruganandhan J, Mushtaq S, Yadalam PK, Bhandi S, Awan KH. <i>Dis Mon</i>. 2022 Mar 23:101350. doi: 10.1016/j.disamonth.2022.101350.</p>

95	<p>Impact of Red Complex Bacteria and TNF-α Levels on the Diabetic and Renal Status of Chronic Kidney Disease Patients in the Presence and Absence of Periodontitis.</p> <p>Mahendra J, Palathingal P, Mahendra L, Alzahrani KJ, Banjer HJ, Alsharif KF, Halawani IF, Muralidharan J, Annamalai PT, Verma SS, Sharma V, Varadarajan S, Bhandi S, Patil S. <i>Biology (Basel)</i>. 2022 Mar 16;11(3):451. doi: 10.3390/biology11030451.</p>
94	<p>Plant-Derived Antiviral Compounds as Potential Entry Inhibitors against Spike Protein of SARS-CoV-2 Wild-Type and Delta Variant: An Integrative in Silico Approach.</p> <p>Ambrose JM, Kullappan M, Patil S, Alzahrani KJ, Banjer HJ, Qashqari FSI, Raj AT, Bhandi S, Veeraraghavan VP, Jayaraman S, Sekar D, Agarwal A, Swapnavahini K, Krishna Mohan S. <i>Molecules</i>. 2022 Mar 8;27(6):1773. doi: 10.3390/molecules27061773.</p>
93	<p>Future Drug Targets in Periodontal Personalised Medicine-A Narrative Review.</p> <p>Yadalam PK, Kalaivani V, Fageeh HI, Ibraheem W, Al-Ahmari MM, Khan SS, Ahmed ZH, Abdulkarim HH, Baeshen HA, Balaji TM, Bhandi S, Raj AT, Patil S. <i>J Pers Med</i>. 2022 Feb 28;12(3):371. doi: 10.3390/jpm12030371.</p>
92	<p>In-Silico modulation of Interleukin-8 (IL8) for the therapeutic management of endodontic pulpitis.</p> <p>Boreak N, Bhandi S. <i>Saudi J Biol Sci</i>. 2022 Feb;29(2):905-910. doi: 10.1016/j.sjbs.2021.10.015</p>
91	<p>Assessing the therapeutic potential of agomelatine, ramelteon, and melatonin against SARS-CoV-2.</p> <p>Yadalam PK, Balaji TM, Varadarajan S, Alzahrani KJ, Al-Ghamdi MS, Baeshen HA, Alfarhan MFA, Khurshid Z, Bhandi S, Jagannathan R, Patil VR, Raj AT, Ratnayake J, Patil S. <i>Saudi J Biol Sci</i>. 2022 May;29(5):3140-3150. doi: 10.1016/j.sjbs.2022.01.049</p>
90	<p>Shankargouda Patil, Ashraf Al-Brakati, Nazim H. Abidi, Mazen A. Almasri, Asma saleh Almeslet, Vikrant R. Patil, A. Thirumal Raj & Shilpa Bhandi. CD44-positive cancer stem cells from oral squamous cell carcinoma exhibit reduced proliferation and stemness gene expression upon adipogenic induction. <i>Medical Oncology</i> volume 39, Article number: 23 (2022)</p>
89	<p>Jaideep Mahendra, Plato Palathingal, Little Mahendra, Janani Muralidharan, Khalid J. Alzahrani, Mohammed Sayed, Maryam H. Mugri, Mohammad Almagbol, Saranya Varadarajan, Thodur Madapusi Balaji, Shilpa Bhandi, Sruthi Srinivasan, A. Thirumal Raj and Shankargouda Patil. Isolated Systolic Blood Pressure and Red-Complex Bacteria—A Risk for Generalized Periodontitis and Chronic Kidney Disease. <i>Microorganisms</i> 2022, 10(1), 50; https://doi.org/10.3390/microorganisms10010050</p>
88	

	<p>Rodolfo Reda, Alessio Zanza, Andrea Cicconetti, Shilpa Bhandi, Renzo Guarnieri, Luca Testarelli, and Dario Di Nardo. A Systematic Review of Cementation Techniques to Minimize Cement Excess in Cement-Retained Implant Restorations. Methods Protoc. 2022, 5(1), 9; https://doi.org/10.3390/mps5010009</p>
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	<p>Madhura Pawar, Vivek Pawar, Apathsakayan Renugalakshmi, Ashraf Albrakati, Uthman S. Uthman, Harisha Dewan, Maryam Mugri, Mohammed Sayed, Shilpa Bhandi, Vikrant R. Patil, Rodolfo Reda, Luca Testarelli and Shankargouda Patil. Glucose and Serum Deprivation Led to Altered Proliferation, Differentiation Potential and AMPK Activation in Stem Cells from Human Deciduous Tooth. J. Pers. Med. 2022, 12(1), 18; https://doi.org/10.3390/jpm12010018</p>
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	<p>Vignesh Guptha Raju, Shafie Ahamed A, Madhuram Krishnamurthy, Selvendran KE, Hamed Ahmed Ali Alshawkani , Omaima Ahmed Hassam Allayl , Manar Ali Ibrahim Alhomood , Mohammed Ali Ali Sumayli , Shilpa Bhandi, Rodolfo Reda, Alessio Zanza Comparative Evaluation of Cytotoxicity of Neem Leaf Extract, 2% Chlorhexidine, Nigella sativa Extract and 3% Sodium Hypochlorite World Journal of Dentistry (2022): 10.5005/jp-journals-10015-1894</p>
85	
	<p>Andrea Cicconetti, Shilpa Bhandi, Gabriele Miccoli, Gianluca Gambarini and Dario Di Nardo. Ultrasound Imaging in Dentistry: A Literature Overview. J. Imaging 2021, 7(11), 238; https://doi.org/10.3390/jimaging7110238 Received: 12 September 2021 / Revised: 7 November 2021 / Accepted: 12 November 2021 / Published: 14 November 2021</p>
84	
	<p>Nezar Boreak, Shilpa Bhandi. In-Silico modulation of Interleukin-8 (IL8) for the therapeutic management of endodontic pulpitis. Saudi Journal of Biological Sciences Available online 25 October 2021</p>
83	
	<p>Massimo Giovarruscio , Edit Khajanka , Almira Isufi , Maya Feghali , Luciano Pacifici , Orlando Donfrancesco , Shilpa Bhandi , Andrea Pacifici , Federico Valenti Obino New Strategies and Instruments for Root Canal Shaping Procedure: An Overview The Journal of Contemporary Dental Practice, Volume 22 Issue 6 (June 2021)</p>
82	
	<p>Shilpa Bhandi, Ahmed Alkahtani, Mohammed Mashyakhy, Hosam Ali Baeshen, Mohammed Mustafa, Hitesh Chohan, Nezar Boreak, Shankargouda Patil. Study of optimal conditions for growth and osteogenic differentiation of dental pulp stem cells based on glucose and serum content. Available online 6 July 2021. https://doi.org/10.1016/j.sjbs.2021.06.101</p>
81	
	<p>Mohammed E. Sayed, Maryam H. Mugri, Mazen A. Almasri, Manea Musa Al-Ahmari, Shilpa Bhandi, Thodur Balaji Madapusi, Saranya Varadarajan, A. Thirumal Raj, Rodolfo Reda, Luca Testarelli and Shankargouda Patil. Role of Stem Cells in Augmenting Dental Implant Osseointegration: A Systematic Review.</p>

80	<p>Coatings 2021, 11(9), 1035; https://doi.org/10.3390/coatings11091035</p> <p>Saurabh Jain, Mohammed Sayed, Walaa Magdy Ahmed, Amjad Hussain Asiri Halawi, Naif Mohammed Ahmed Najm, Aparna Aggarwal, Shilpa Bhandi and Shankargouda Patil.</p> <p>An In-Vitro Study to Evaluate the Effect of Denture Cleansing Agents on Color Stability of Denture Bases Fabricated Using CAD/CAM Milling, 3D-Printing and Conventional Techniques</p> <p><i>Coatings</i> 2021, <i>11</i>(8), 962; https://doi.org/10.3390/coatings11080962</p>
79	<p>Nezar Boreak, Ahmed Alkahtani, Khalid Alzahrani, Amani Hassan Kenani, Wafa Hussain Faqehi, Hadeel Hussain Faqehi, Raghad Essa Ageeli, Wafa Nasser Moafa, Hosam Ali Baeshen , Shilpa Bhandi, Zohaib Khurshid, Vikrant R. Patil, Luca Testarelli and Shankargouda Patil. Dose-Dependent Effect of Cordycepin on Viability, Proliferation, Cell Cycle, and Migration in Dental Pulp Stem Cells.</p> <p><i>J. Pers. Med.</i> 2021, 11(8), 718; https://doi.org/10.3390/jpm11080718</p>
78	<p>Shankargouda Patil, Ahmed Alkahtani, Shilpa Bhandi, Mohammed Mashyakhy, Mario Alvarez, Riyadh Alroomy, Ali Hendi, Saranya Varadarajan, Rodolfo Reda, A. Thirumal Raj and Luca Testarelli. Ultrasound Imaging versus Radiographs in Differentiating Periapical Lesions: A Systematic Review.</p> <p><i>Diagnostics</i> 2021, 11(7), 1208; https://doi.org/10.3390/diagnostics11071208</p>
77	<p>Jaideep Mahendra, Little Mahendra, Maryam H. Mugri, Mohammed E. Sayed, Shilpa Bhandi, Rahaf Turki Alshahrani, Thodur Madapusi Balaji, Saranya Varadarajan, Swetha Tanneeru , Abirami Nayaki Rao P, Sruthi Srinivasan, Rodolfo Reda, Luca Testarelli and Shankargouda Patil. Role of Periodontal Bacteria, Viruses, and Placental mir155 in Chronic Periodontitis and Preeclampsia—A Genetic Microbiological Study.</p> <p><i>Curr. Issues Mol. Biol.</i> 2021, 43(2), 831-844; https://doi.org/10.3390/cimb43020060</p>
76	<p>Shilpa Bhandi, Mohammed Mashyakhy, Abdulaziz S. Abumelha, Mazen F. Alkahtany , Mohamed Jamal, Hitesh Chohan, A. Thirumal Raj, Luca Testarelli, Rodolfo Reda and Shankargouda Patil. Complete Obturation—Cold Lateral Condensation vs. Thermoplastic Techniques: A Systematic Review of Micro-CT Studies.</p> <p><i>Materials</i> 2021, 14(14), 4013; https://doi.org/10.3390/ma14144013</p>
75	<p>Shilpa Bhandi, Ahmed Al Khatani, Hassan Abdulaziz Sumayli, Mushyirah Yahya Sabyei, Abdulaziz Mohammed Al Zailai, Mohammed Ali Sumayli, Hanan Ibrahim Hakami, Mohammed Abdurabu Jafer, Nishant Vyas, Hosam Ali Baeshen, Luca Testarelli, Shankargouda Patil. Comparative analysis of cytokines and growth factors in the conditioned media of stem cells from the pulp of deciduous, young, and old permanent tooth</p> <p><i>Saudi J Biol Sci.</i> 2021 Jun;28(6):3559-3565. Doi: 10.1016/j.sjbs.2021.03.031. Epub 2021 Mar 17</p>

74	<p>Shilpa Bhandi, Ahmed Alkahtani, Mohammed Mashyakhy, Abdulaziz S. Abumelha, Nassreen Hassan Mohammad Albar, Apathsakayan Renugalakshmi, Mazen F. Alkahtany, Ali Robaian, Asma Saleh Almeslet, Vikrant R. Patil, Saranya Varadarajan, Thodur Madapusi Balaji, Rodolfo Reda, Luca Testarelli and Shankargouda Patil. Effect of Ascorbic Acid on Differentiation, Secretome and Stemness of Stem Cells from Human Exfoliated Deciduous Tooth (SHEDs)</p> <p><i>J. Pers. Med.</i> 2021, <i>11</i>(7), 589; https://doi.org/10.3390/jpm11070589 Received: 2 June 2021 / Revised: 16 June 2021 / Accepted: 20 June 2021 / Published: 22 June 2021</p>
73	<p>Mohammed Mashyakhy, Ahmed Alkahtani, Abdulaziz S. Abumelha, Reham Jamal Sharroufna, Mazen F. Alkahtany, Mohamed Jamal, Ali Robaian, Sultan Binalrimal, Hitesh Chohan, Vikrant R. Patil, A. Thirumal Raj, Shilpa Bhandi, Rodolfo Reda, Luca Testarelli and Shankargouda Patil. Taurine Augments Telomerase Activity and Promotes Chondrogenesis in Dental Pulp Stem Cells.</p> <p><i>J. Pers. Med.</i> 2021, <i>11</i>(6), 491; https://doi.org/10.3390/jpm11060491 Received: 3 May 2021 / Revised: 24 May 2021 / Accepted: 28 May 2021 / Published: 31 May 2021</p>
72	<p>Thodur Madapusi Balaji, Saranya Varadarajan, Raghunathan Jagannathan, Jaideep Mahendra, Hammam Ibrahim Fageeh, Hytham N. Fageeh, Shazia Mushtaq, Hosam Ali Baeshen, Shilpa Bhandi, Archana A. Gupta, A. Thirumal Raj, Rodolfo Reda, Shankaragouda Patil and Luca Testarelli. Melatonin as a Topical/Systemic Formulation for the Management of Periodontitis: A Systematic Review</p> <p><i>Materials</i> 2021, <i>14</i>(9), 2417; https://doi.org/10.3390/ma14092417 Received: 15 March 2021 / Revised: 29 April 2021 / Accepted: 2 May 2021 / Published: 6 May 2021</p>
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64	<p>Luigi V Stefanelli, Alessio Franchina, Michele Pagliarulo, David Burgess, Shankargouda Patil, Shilpa Bhandi, Dario Di Nardo, Stefano Di Carlo, Luca Testarelli, Gianluca Gambarini. Management of a Complex Case during COVID-19 Time Using One-day Digital Dentistry: A Case Report</p> <p><i>J Contemp Dent Pract.</i> 2020 Nov 1;21(11):1284-1292.</p>

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THESIS

1.	Completed Dissertation on “Comparative Evaluation of Sealing ability of three newer root canal Obturating materials GuttaFlow, Resilon and Thermafil. An invitro study-2008. Thesis submitted for the Master of Dental Surgery
2	“RadioVisioGraphy and Ultrasound Real-Time Imaging in Differential Diagnosis of Peri apical Lesions of Endodontic Origin. A Comparative in vivo study”., 2008- Library Dissertation submitted in partial 20ulfillment of Master of Dental Surety.

LIST OF SEMINARS/SYMPOSIA/CDE/WORKSHOPS ATTENDED

Sl No	Date	National /International Conferences/ Conventions	Venue
1	August 2005	Dental Caries – 4 th Dimension, Interactive Forum at Annamalai University	Chidambaram
2	Sept 2005	Stem –cells Therapy. Promises and Progress. By Dr. Geeta Kashyap at BDCH	Davangere
3	June 2006	Composites and Esthetics in Dentistry by Dr Arvind Shenoy at BDCH	Davangere
4	August 2006	Rotary Endodontics by Dr Arvind Shenoy at BDCH.	Davangere
5	August 2006	Lecture and Demonstration on Esthetic Dentistry. Principles and Techniques for highly Aesthetic Direct Restorations. By Prof. Dr Tho Chooi Gait at St. Marks Hotel.	Bangalore
6	June 2007	Workshop on K3 Rotary Instrumentation with hands on course at BDCH.	Davangere
7	July 2007	Apex locators and Elements Obturation system at BDCH.	Davangere

8	July 2007	Tooth Preparation and Temporary Crown preparation at BDCH By Dr Ajit Shetty.	Davangere
9	Sept 2007	Maxillofacial Imaging by Prof. Dr S. K. Joshi at BDCH.	Davangere
10	Sept 2007	Lecture and workshop on “Prep Start” an air abrasion system by Mr. P. K. Agarwal, Tracom services Pvt. Ltd. At BDCH.	Davangere
11	Dec 2008	Clinical concepts on Crown and Bridge conducted by Dr Paresh Kale at BDCH.	Davangere
12	Sept 2009	Recipies to Enhance Restorative Practice by Dr T. V. Narayan at BDCH.	Davangere
13	March 2010	Interdisciplinary Approach by Dr K. Sadashivashetty at BDCH.	Davangere
14	August 2010	CAD-CAM Dentistry by Dr M. Shiva Shankar at BDCH.	Davangere
15	August 2010	Oral Rehabilitation via Crown and Bridge by Dr P. C. Jacob at BDCH.	Davangere
16	Sept 2010	Enhancing Private Practice with Dental Implantology and Bone Grafting Procedure. By Dr Vijay Deshmukh at BDCH.	Davangere
17	Oct 2010	Dental Implantology – Creating new avenues for general practioners. Lecture and demo by Dr Tarun Kumar and Dr Raison Thomas, at BDCH.	Davangere
18	Sept 5 th 2011	Early caries management by Dr prof Joel Berg at VSDC.	Bangalore
19	Sept 22 nd 2011	Impressions, Temporization and Post and Core by Dr Felix Whorle at MSRDC.	Bangalore
20	Nov 18 th 2011	Infection control by Dr Raghunath Puttaiah at R V Dental college.	Bangalore
21	9 th and 10 th March 2012	Lecture and hands on workshop A to Z of Porcelain Laminates / Veneers conducted by Dr. Galip Gurel by Encode.	Mumbai
22	13 th April 2012.	Conscious Sedation by Dr Morris at MSRIT.	Bangalore
23	4 th June 2012	Lecture and hands on workshop on Simplifying anterior and posterior composites and teeth bleaching by Dr Rafeal Beolchi at M. S. Ramaiah Dental College and Hospital.	Bangalore
24	26 th June 2012	Christensons Bottomline 2012, lecture by Dr. Gordon Christenson at NIMHANS convention center	Bangalore.
25	11 th Aug 2012	Publish or Perish by Laxman Samarnayake and Saman Varnakulasuriya at MSRIT.	Bangalore
26	13 th Sept. 2012	Technological Resources Applied to Biological Endodontics by Prof. Renato de Toledo Leonardo at VSDC.	Bangalore

27	25 th May 2013	Perfect smile- Veneers from Conventional to no Prep	Bangalore
28	14 th June 2013	Molecular Biology for research in Dental Sciences- opportunities and avenues at MSRDC.	Bangalore
29	3 rd July 2013	Modern caries preventive and treatment approaches by Dr Elmar Reich at MSRIT	Bangalore
30	3 rd Aug 2013	Symposium on traumatic injuries	Bangalore
31	28 th Nov 2013	Teaching and learning methods – Dr Medha Joshi	Bangalore
32	12 th Dec 2013	Medico-legal updates	Bangalore
33	17 th Dec 2013	Veneers – Dr Deepak Mehta & Dr Rohit Shetty	VSDC Bangalore
34	8 th Feb, 2014	Endo- Xcellence 2014, by Dr Allen Ali Nasseh	MSRDC Bangalore
35	25 th and 26 th April 2014	Perio convergence	MSRDC Bangalore
36	7, 8 & 13 th May 2014	Workshop on student centered active learning strategies for dental education	MSRDC Bangalore
37	4 th Nov 2014	Practice Management	MSRDC Bangalore
38	13 th March 2015	Hands on workshop on PCR	FDS, MSRUAS Bangalore
39	27 th March 2015	Perspectives in Regenerative Dentistry	FDS, MSRUAS Bangalore
40	13 th August 2015	Hands on workshop on LASERS- Train the trainer program	FDS, MSRUAS Bangalore
41	3 rd Oct 2015	Workshop on Faculty development program on Journal Club	FDS, MSRUAS Bangalore
42	9 th Oct 2015	Post it? Add fiber to the intra radicular space. Dr Deepak Mehta	Bangalore
43	4 th and 5 th Dec 2018	Blackboard teaching	Jazan , KSA

PARTICIPATION IN NATIONAL/INTERNATIONAL CONFERENCES

Sl No	Date	National /International Conferences/ Conventions	Venue
1	Nov 2005	20th FODI and 13th IES National Conference	Lucknow
2	May 2006	7th National PG Convention	Mangalore
3	Dec 2006	21st FODI and 14th IES National Conference	Mumbai
4	May 2007	8th National FODI and IES PG Convention	Nainital

5	Sept 2007	1st National Convention of Public Health Dentistry Teachers at BDCH.	Davangere
6	Nov 2009	National Conference on Nanobiotechnology: Applications in Medicine- NANOBIOTECH 2009 at SSIMS.	Davangere
7	April 2010	1 st State level UG Convention by IDA Davangere Branch at BDCH.	Davangere
8	July 2010	3 rd National Conference Indian Society of Prosthodontics- Restorative-Periodontics.	Mysore
9	August 2011	19 th Annual Conference of IAACD	Udaipur
10	Oct 2013	ISPRP, National conference, 4-6th Oct 2013, Bangalore	Bangalore
11	Nov 2017	JIDC Jazan, Saudi Arabia	Jazan, KSA
12	June 2022	IADR, 2022 General session	China, (Online)

REFERENCES

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