

**RANJEET DESHMUKH DENTAL COLLEGE AND RESEARCH
CENTRE, NAGPUR**

List of Publications

Department of Pedodontics and Preventive Dentistry

Sr. No	Year	Title of publication	Name of authors	Name of the Journal
1	2026	Evaluation of Smartphone Applications for Dental Trauma Management	Dr. Ayushi Gurharikar Dr. Devendra Nagpal	Dental Traumatology
2	2026	Clinical outcome of maxillary arch expansion with clear aligners in mixed dentition: A systematic review	Dr. Devendra Nagpal Dr. Juili Dorlikar Dr. Pooja Rathi Dr. Ayushi Gurharikar Dr. Samrudhi Khondalay Dr. Gagandeep Lamba	Journal of Indian Society of Pedodontics and Preventive Dentistry.
3	2025	Effect of lidocaine ice button topical anesthesia on pain during maxillary buccal infiltration in 6-10-year children - A randomized control trial	Dr. Devendra Nagpal Dr. Purva Chaudhari Dr. Pooja Rathi Dr. Ayushi Gurharikar	Journal of Indian Society of Pedodontics and Preventive Dentistry.
4	2025	Effect of Thermomechanical Stimulation on Pain During IANB Injections	Dr. Devendra Nagpal Dr. Pooja Rathi Dr. Gagandeep Lamba Dr. Purva Chaudhari	Anesthesia progress
5	2025	Prevalence Of Early Childhood Caries, Malocclusion And Ameloblastoma In Children And Radiographic Findings Of Ameloblastoma In A Known Population	Dr. Gagandeep Lamba	Journal of neonatal surgery
6	2025	Management of Rhinomaxillary	Dr. Gagandeep Lamba	Cureus

		Mucormycosis: A Case Report		
7	2026	Effect of Sugar-Free Chewing Gum on Salivary Flow Rate and Dental Plaque Levels: An Observational Study	Dr. Samrudhi Khondalay	Academia Journal Of Medicine
8	2025	KG's Modification of the Crown and Loop: A New Approach to Space Maintenance	Dr. Jay Somkuwar	Global Journal of Research in Dental Science
9	2025	Goldenhar Syndrome and Its Clinical Manifestation With Dentofacial Considerations: A Case Report	Dr. Jay Somkuwar	Special Care in Dentistry
10	2025	Comparative Evaluation of BRIX3000 Smart Burs and Conventional Technique of Caries Excavation among 5-9-year-old Children: A Randomized Clinical Trial	Dr. Jay Somkuwar	Journal of South Asian Association of Pediatric Dentistry
11	2025	Comparative Evaluation of Animated Video and Verbal Communication as a Preoperative Intervention in Reducing Dental Anxiety in Children Using Children's Drawings: Hospital Manual, Pulse Rate, and Facial Image Scale-A Randomized Controlled Trial	Dr. Deepshika Mehrotra	International Journal of Clinical Pediatric Dentistry
12	2025	Effect of lidocaine ice button topical anesthesia on pain during maxillary buccal infiltration in 6-10 year children- A randomized control trial	Devendra I. Nagpal, Samiksha Ram Dharampuria, Prabhat Singh, Purva Chaudhari, Pooja Rathi, Ayushi Gurharikar	J Indian Soc Pedod Prev Dent 2025;43:261-8.
13	2025	Management of Rhinomaxillary Mucormycosis: A case report	Sandeep Khandaitkar, Komal Harde, Sharjeel H. Khan, Gagandeep Lamba	Cureus 2025;17(4):e82299
14	2025	Evaluation of stress distribution of masticatory	Nupur Suresh Ninawe, Priyanka Airen, Nilam	J Indian Soc Pedod Prev Dent 2025;43:136-42.

		forces on Zirconia, Bioflx, and Graphene crown in primary mandibular molars using finite element analysis	Vitthalrao Honaje, Naveen Reddy, Devendra Nagpal	
15	2024	Impact of Customized oral health education module among Visual, Hearing impaired and Normal healthy children in Central India: A Longitudinal study	Pooja Rathi, Narendra Chandranee, Devendra Nagpal, Pritam Khorgade	Journal of Dentistry and Oral Research
16	2023	Effect of audio distraction with thermomechanical stimulation on pain perception for inferior alveolar nerve block in children: a randomized clinical trial	Devendra Nagpal, Dharanshi Viral Amlani, Pooja Rathi, Kavita Hotwani, Prabhat Singh, Gagandeep Lamba	Journal of Dental Anaesthesia and Pain Medicine 2023;23(6):327-335
17	2023	Development and Evaluation of Two Sugar-free Herbal Lollipops against Streptococcus mutans: An In Vivo Study	Nikita S Nerkar, Gagandeep Lamba, Kavita Hotwani, Purva Chowdhari, Prabhat Singh, Devendra I Nagpal	Int J Clin Pediatr Dent 2023;16(5):742–747
18	2023	Evaluation of the Behavioral Determinants of Infant Oral Hygiene Practices in a Rural Area	Gagandeep Lamba, Nilima R Thosar, Sandep Khandaikar, Samrudhi Khondalay	Cureus. 2023 Jun 17;15(6):e40550. doi: 10.7759/cureus.40550.
19	2023	Effect of Acupressure on Pain during Inferior Alveolar Nerve Block Injection in Children Aged 5-10 Years Old - An Experimental Study	Ayushi Shashikant Gurharikar, Devendra Nagpal, Prabhat Singh Yadav, Purva Chaudhari, Kavita Hotwani, Gagandeep Lamba	Journal of Acupuncture and Meridian Studies 2023;16(4):127-132
20	2023	Non-ossifying Fibroma of Mandible in a Four-Year-Old Girl: A Case Report	Sandeep Khandaikar, Gagandeep Lamba, Vrinda Kolte, Ramakrishna Shenoi, Deepankar Shukla	Cureus 15(3): e36470. DOI 10.7759/cureus.36470
21	2023	Evaluation of the Behavioral Determinants of Infant Oral Hygiene Practices in a Rural Area	Gagandeep Lamba, Nilima R. Thosar, Sandep Khandaikar, Samrudhi Khondalay	Cureus 15(6): e40550. DOI 10.7759/cureus.40550

22	2022	A case of oro-facial digital syndrome	Ayushi Shashikant Gurharikar, Gagandeep Lamba	Pan African Medical Journal 2022;43(151). 10.11604/pamj.2022.43.151.34814
23	2022	Buffered articaine infiltration for primary maxillary molar extractions: a randomized controlled study	Parag Dhake, Devendra Nagpal, Purva Chaudhari, Gagandeep Lamba, Kavita Hotwani, Prabhat Singh	Journal of Dental Anaesthesia and Pain Medicine 2022;22(5):387-394
24	2022	Traumatic dilaceration of permanent central incisor	Devendra Nagpal, Ayushi Gurharikar	PAMJ Images in clinical medicine, Volume 41,Article 296, 12 Apr 2022
25	2022	Management of unique case of Talon's cusp, dens invaginatus associated with other dental anomalies	Devendra Nagpal, Ayushi Gurharikar	Pan African Medical Journal.Apr2022;41:326
26	2022	Evaluation of the antimicrobial efficacy of a novel polyherbal extract against Streptococcus Mutans: An in-vitro study	Gagandeep Lamba	International Journal of Ayurvedic Medicine vol 13(1).101-105
27	2022	Does COVID-19 pandemic have any impact on use of behavior management strategies in paediatric dentistry? A cross sectional study	Dhake P, Nagpal D, Sortey S, Singh P, Lamba G, Chaudhari P	Medical Science,2022,26,ms100e2078
28	2022	A novel two step approach for impression making of an obturator in newborns with cleft lip and palate: A case report	Nikita S. Nerkar, Gagandeep Lamba, Devendra Nagpal, Purva Chaudhari, Kavita Hotwani	Journal of Indian Dental Association- Vol. 16- issue 6- June 2022; XV 28-33
29	2022	Management of oral mucocoele by surgical excision in a pediatric patient: a case report	Ayushi Gurharikar, SargamSortey, PurvaChaudhari, Devendra Nagpal, Kavita Hotwani, Prabhat Singh Yadav	Journal of Advances in Dental Practice and Research
30	2022	Traumatic dilaceration of permanent central incisor	Devendra Nagpal, Ayushi Gurharikar	Images in clinical medicine
31	2022	Management of unique case of Talon's cusp, dens invaginatus associated with other dental	Devendra Nagpal, Ayushi Gurharikar	Pan African Medical Journal.

		anomalies		
32	2022	Evaluation of the antimicrobial efficacy of a novel polyherbal extract against Streptococcus Mutans: An in-vitro study	Gagandeep Lamba	International Journal of Ayurvedic Medicine
33	2022	Does COVID-19 pandemic have any impact on use of behavior management strategies in paediatric dentistry? A cross sectional study	Dhake P, Nagpal D, Sortey S, Singh P, Lamba G, Chaudhari P	Medical Science
34	2021	Changing trends in paediatric dental practice post COVID; the new normal: A review	ShrawaniMankar, Parag Dhake, Devendra Nagpal, Gagandeep Lamba, Purva Chaudhari, Kavita Hotwani	International Journal of Dental Science and Innovative Research
35	2021	Oral Healthcare Management of Children after COVID-19 Outbreak	<u>Lamba G, Nagpal D, Chowdhari P, Hotwani K, Gunwal M</u>	<u>Int J Clin Pediatr Dent.</u>
36	2020	Effectiveness of magnetized water and 0.2% chlorhexidine as a mouth rinse in children aged 12–15 years for plaque and gingivitis inhibition during 3 weeks of supervised use: A randomized control study	Nagpal, D.I., Mankar, S.S., Lamba, G., Chaudhary, P., Hotwani, K. and Sortey S.D.	J Ind Soc Pedodon Prev Dent.
37	2020	Comparison of quality of obturation using single file system and conventional rotary system in primary teeth: A Randomized controlled study	Lamba G, S. Bisen, Nagpal D, Chaudhari P, Hotwani K, Yadav PS	International Journal of Dental Science and Innovative Research
38	2020	An assessment of Rubber Dam use by Paediatric Dental Professionals and Post Graduate Trainee in India: Questionnaire based Survey	MankarS, Nagpal D, Lamba G, Chaudhari P, Hotwani K, Yadav PS,	International Journal of Dental Science and Innovative Research

39	2019	Smartphones and tooth brushing: content analysis of the current available mobile health apps for motivation and training	K. Hotwani, K. Sharma, D. Nagpal, G. Lamba, P. Chaudhari	Eur J Paediatr Dent 2019
29	2018	Diagnosis and management of attention deficit hyperactivity disorder patient in dental operator	K. Gudadhe, G. Lamba, D. Nagpal, P. Chaudhari,	International journal of medical and dental case reports 2019; 6: 1-4
30	2018	Effect of virtual reality distraction on pain and anxiety during local anesthesia injection in children - a randomized controlled cross-over clinical study	P. Khanapurkar, D. Nagpal, G. Lamba, P. Chaudhari, K. Hotwani	Journal advanced medical and dental sciences research vol 6, issue 11, 11-15
31	2018	Zirconia crowns for deciduous teeth: a review	S. Sortey, N. J. Chandranee, P. Chaudhari, K. Hotwani	Central India journal of dental sciences vol 8, issue 2, 11-19
32	2018	Correction of single tooth crossbite: A case report of 2 cases	K. Mehta, N. J. Chandranee, D. Nagpal, K. Hotwani	Central India journal of dental sciences vol 9, issue 1, 48-51
33	2017	Modified angle's classification for primary dentition	K. Chandranee, N. J. Chandranee, D. Nagpal, G. Lamba, P. Chaudhari, K. Hotwani	Contemp Clin Dent 2017; 8: 617-20
34	2017	Prevalence of traumatic dental injuries (TDI) among preschoolers of Nagpur	K. Chandranee, D. Nagpal, N. J. Chandranee, G. Lamba, P. Chaudhari, K. Hotwani	Central India journal of dental sciences vol 8, issue 1, 6-13
35	2017	The evaluation of influence of audio visual modeling and positive reinforcement on behavior of child during dental treatment	M. Niswade, N. J. Chandranee, D. Nagpal, G. Lamba, P. Chaudhari, K. Hotwani	Central India journal of dental sciences vol 8, issue 1, 20-23

36	2017	anxiety during restorative procedures: a comparative clinical study	D. Nagpal, G. Lamba, P. Chaudhari, K. Hotwani	sciences vol 8, issue 1, 28-32
37	2017	Assessment of the Impact of Colors on Child's Anxiety and Treatment Preference for Local Anesthesia Injections	K. Hotwani, K. Sharma	Journal of Advanced Oral Research 2017 January-April 8(1):1-5
38	2017	Effect of Commercially available Sodium Fluoride Mouthwash with and without Herbal Additives on Oral Hygiene utilizing Salivary pH and OHI-S Index of Children.	S. Karale, S. Chandak, A. Moon, P. Singh, M. Atulkar, P. Wankhade	J Oral Health Med Res 2017; 3(6):71-74.
39	2017	Traumatic dental injury during yoga practice	A. Deshpande, P. Chaudhari	Yoga Mimamsa 2017; 49:31-33
40	2016	Prevalence of Oral Submucous Fibrosis in Children of Rural Areas of Nagpur, Maharashtra (India)	P. Singh, R. Mittal, S. Chandak, A. Bhondey, A. Rathi, M. Chandwani	Int J Prev Clin Dent Res. 2016; 3(4):1-3
41	2016	Assessment of association between molar incisor hypomineralization and hypomineralized second primary molar.	R. Mittal, S. Chandok, M. Chandwani, P. Singh	J Int Soc Prevent Communit Dent 2016; 6:34-9
42	2016	Volumetric MRI Evaluation of Airway, Tongue and Mandible in Different Skeletal Patterns: Does a Link to Obstructive Sleep Apnea Exist (OSA)?	K. Sharma, S. Shrivastava, K. Hotwani	Int J Orthod 2016; 27(3):39-48
43	2016	Effect of whitening dentrifice on microhardness, color stability and surface roughness of aesthetic restorative materials	KB Roopa, Basappa N, AR Prabhakar, Raju OS, G. Lamba	J Clin Diag Res 2016 Mar, Vol-10 (3)
44	2015	Replantation of displaced underlying successor and marsupialisation of radicular cyst associated	G. Lamba, G. R. Ravi	Int J Clin Ped Dent J Jan-Apr 2015; 8(1):70-4

		d with primary molar		
45	2015	Conservative management of Dens Invaginatus in Maxillary Lateral Incisor with Periradicular lesion concurrently occurring with labial and palatal talon cusp: a case report	D. Nagpal, G. Lamba, V. Rajguru, N. Rohatgi	J Clin Dent Res Edu Oct-Dec 2015
46	2015	A pediatric viewpoint on peripheral ossifying fibroma: a case report and clinical acumen.	K. Hotwani	Gen Dent. 2015 Mar-Apr; 63(2):e6-8.
47	2015	Oral rehabilitation for Amniotic Bands syndrome: a non usual presentation	K. Hotwani, K. Sharma	Int J Clin Ped Dent 2015 Jan-Apr; 8(1):55-57
48	2014	Comparative in vitro assessment of color stability of hybrid esthetic restorative materials against various children's beverages	K. Hotwani, N. Thosar, S. Baliga	J Conserv Dent 2014; 17:70-4.
49	2014	Effect of first premolar extraction on airway dimensions in young adolescents – A retrospective cephalometric appraisal	K. Sharma, S. Shrivastav, N. Sharma, K. Hotwani, M. Murrell	Contemp Clin Dent 2014 Apr-Jun; 5:90-4
50	2014	Assessment of safe zone in maxillary molar region for mini screw placement in the mixed dentition period- A digital volumetric tomographic (DVT) study	K. Hotwani, S. Baliga, N. Thosar, K. Sharma	Int J Orthod 2014 Fall; 25:49-52.
51	2014	Platelet rich fibrin- a novel acumen in regenerative endodontic therapy	K. Hotwani, K. Sharma	Restor Dent Endod 2014; 39:1-6.
52	2014	Phyto dentistry: Use of medicinal plants.	K. Hotwani, S. Baliga, K. Sharma	J Complement Integr Med. 2014 Dec; 11(4):233-51

53	2014	Orthodontic airway imaging—the cutting edge in treatment planning.	K.Sharma,S.Shrivastav,,K.Hotwani,M. Murrell	GenDent.2014Jul-Aug;62:54-9.
54	2014	Preventive Approach For Caries Management—A Pedodontic Panacea.	K. Hotwani, S Baliga, N Thosar,	The journal of dental panacea 2014;1:1-10.
55	2014	Endodontic management of a non-vital mandibular permanent central incisor with type II dens invaginatus –A case report	D. Nagpal, G. Lamba, V. Rajguru, N. Rohatgi	Journal of Clinical Dental Research & Education Vol 3 no 6 2014
56	2014	“Neutral Zone” Technique For Stabilizing Lower Dentures On Unfavorable Ridges	V. Rajguru, S Wankhede, D. Nagpal, N. Rohatgi	Journal of Clinical Dental Research & Education Vol 3 no 6 2014
57	2014	Deletion of short arm of chromosome 18, Del(18p) syndrome	P. Babaji, A. Singh, H. Lau, G. Lamba, Somasundaram S	Journal of Indian Society of Pedodontics and Preventive Dentistry. Jan-Mar 2014; Vol(32) 1:68-70.
58	2014	Endodontic management of a non-vital mandibular permanent central incisor with type II dens invaginatus –A case report.	D. Nagpal, G. Lamba, V. Rajguru, N. Rohatgi	Journal of Clinical dental research & Education
59	2014	Dental Management of early childhood caries in Spastic Quadriplegia –a case report and clinical guidelines	K. Hotwani, K. Sharma	J Pediatr Rehabil Med. 2013 Jan 1;6:245-51
60	2013	Antibacterial effects of hybrid tooth colored restorative materials against Streptococcus mutans: An in vitro	K. Hotwani, N Thosar, S Baliga, S Bunde, K. Sharma	J Conserv Dent 2013 Jul;16:319-22
61	2013	Oral manifestations of lamellar ichthyosis: A rare case report and	K. Hotwani, K. Sharma	Journal of Pakistan Association of Dermatologists

62	2013	Unilateral single rooted primary mandibular 1st molar	P. Chaudhari, R. Mallikarjuna, M Swadas, B. Dave	British medical journal- case reports 2013 Oct
63	2012	Evaluate the awareness of pediatricians regarding medicated sugars as a risk factor for caries	B. Dave, P. Chaudhari, Sujan SG	Bhavnagar University Journal of Dentistry Vol2(1) Jan 2012; 37-42
64	2012	Three-rooted mandibular first primary molar: Report of three cases	S. Gutta, Nagav eri NB, NJ. Chandranee	Contemporary clinical dentistry, April 2012, Vol3
65	2012	A new concept for removal of dental fluorosis stains	Rajshekhar, B. Dave, P. Chaudhari,	CODS – journal of dentistry , Davangere vol3 (2) august -2012 :9-11
66	2012	Surgical management of periapical lesion with MTA and bone graft	Aovvuru SK, Agrawal V, Parekh V, Punaccha KS, Rajappa, Chaudhari P	International journal of dental case reports vol 2(3):17-20 2012
67	2012	Repair to regeneration – new horizons of dentistry	G. Lamba	Central India journal of Dental Sciences July-Sept 2012, 170-179
68	2011	Ectodermal dysplasia – case report	B. Dave, P. Chaudhari	Sumandeep vidyapeeth journal, Vadodara. Vol2(4) July 2011 45-46
69	2011	Treatment options for a peg lateral incisor: a case report	Dwijendra KS, D. Doifode, D. Nagpal	International journal of contemporary dentistry IJCD March 2011, 2(2): 25-27
70	2011	Spontaneous eruption of impacted second premolar after marsupialization of a dentigerous cyst- case report	Lamba G	Central India journal of Dental Sciences vol 2(4) oct – dec 2011, 275-278
71	2010	Non surgical treatment of periapical lesion using calcium	Dwijendra KS, D. Doifode, D. Nagpal, N. Ninawe	International journal of contemporary

		hydroxide-a casereport		ry dentistry:IJCDNov
72	2007	Comparison of salivaryfluoridelevelsfollo winguse of dentifricescontaining differentconcentrationsoff luoride.	D. Nagpal,DamleSG	J IndianSocPedodPrev Dent.2007Mar;25(1) :20- 2.PMID:1745696
73	2000	IsolationandBiochemical Characterization ofStreptococcus Mutanscausing Dental caries inChildrenofAkolaCity.	Y.A Ali, BJWadher, AqueelKhan,NJCh andranee,ZHKhan	J.Microb.World2(1), P-13,2000
74	1998	Relationship between cariesstatus,colon yforming units (CFU0 ofstreptococcus mutans andSnyder cariesactivitytest.	Y.A Ali, BJWadher, AqueelKhan,NJCh andranee,ZHKhan	Journal of theIndian Society ofPedodontics andPreventiveDe ntistry,Vol16, Issue 6:56-60
75	1998	Prevalence of DentalCaries in nursery schoolchildrenofAkolaCit y	Y.A Ali, BJWadher, AqueelKhan,NJCh andranee,ZHKhan	Journal of theIndian Society ofPedodontics andPreventiveDenti stry,1998;16: 1:21-25
76	1995	Demonstration ofStreptococcus Mutans inSalivaofCariesandNon- caries Children of 5- 6yearsagegroup	Y.A Ali, NJChandranee,ZH Khan	The IndianPractitioner October1995Vol XLVIII no10
77	1986	Tweed's diagnostic facial triangle for the North Indian children in the deciduous and permanent dentitionagegroups.	NJ Chandranee,A Tewari, A.Utreja	JIntAssDentChild 1986,17:13- 20
78	1984	Tweed's norms for northIndian preadolescentchildren.	NJ Chandranee, A Tewari, A.Utreja, Jain RL	J Indian SocPedodPrevDent. 1984Mar;2(1):10-3.
79	1983	Tweed'sdiagnosticfacialtri angle for north Indianpre- schoolchildren.	NJ Chandranee, A Tewari, A. Utreja, Jain RL	J Indian SocPedodPrevDent. 1983Mar;1(1):1-5.