

Dr.Kirthiga.M,

Lecturer

AREA OF RESEARCH

- Early Childhood Caries

RESEARCH GRANTS

- Received the “Early Career Fellowship Award” from Wellcome Trust (UK)/ DBT India Alliance in December 2017.
- Research grant of 10000/- for Chancellor’s Summer Research Fellowship in 2020

INTERNATIONAL AWARD

- First dental team in India to receive the Paul P Taylor Award from the American Academy of Pediatric Dentistry for the best original research in 2020.

NATIONAL AWARDS

- Highly Commended Award by Famdent Excellence in Dentistry Awards under the Specialist of the year-Pedodontist category, in 2021.
- Young Researcher Award at Indian Dental Diva Awards in 2020 at Mumbai.
- Nominated by Famdent Excellence in Dentistry Awards under the Academician of the year (<35) category at The Club Mumbai in 2019.
- Nominated by Famdent Excellence in Dentistry Awards under the Academician of the year (<35) category at The Club Mumbai in 2018.
- Best Paper Award for the paper titled “Interproximal contact areas of Primary molars” - a population based cross sectional survey in Puducherry, presented at 40th ISPPD, Nagpur 2018.
- Highest impact factor publication of the year award by SBV University in 2017.

GUEST LECTURES

- **Webinar** on “funded research - a life changing experience organised by CODS, Amargadh on 17th June 2021
- **Webinar on** “Grant Writing - the path to quality research” organised by ITS Dental College, Noida on 15th May 2021

- **Webinar** on Lasers & Electrocautery at Pedo RARE, Indian Society of Pedodontics & Preventive Dentistry (ISPPD), on 27th April 2021
- **Webinar** on “funded research - a life changing experience organised by Chettinad Dental College & Research Institute on 23rd March 2021
- **Guest lecture** on The Research Insight, 10th Feb, 2020, Meenakshi Academy of Higher Education & Research (MAHER), Chennai.
- **Guest lecture on** The Key to NEET- A Motivational Lecture, 30th Jan 2020, SRIHER, Chennai
- **Guest lecture** on “Funded Research” at College of Dental Sciences, Davangere on 14th Nov 2019.
- **Guest lecture** on “Mastering the masters – the funded research perspective” at 41st National Conference of Indian Society of Pedodontics & Preventive Dentistry (ISPPD), Noida from 7-9th Nov 2019.
- **Guest lecture on** The Key to NEET- A Motivational Lecture, 18th June, SRIHER, Chennai
- **Guest lecture** on Academic Guidance on NEET, 15th Nov, 2018, Indira Gandhi Institute of Dental Sciences, Puducherry.
- **Guest lecture** on NEET Preparation- An Overview, 30th Nov, 2018, Sri Venkateshwara Dental College, Puducherry.
- **Guest lecture** on An International Research Grant for Dentistry- The Journey, 24th Aug 2018, Indira Gandhi Institute of Dental Sciences, Puducherry.
- **Guest lecture** on The Key to NEET- A Motivational Lecture, 12th July, 2018, MAHER, Chennai.

PUBLICATIONS

1. Sujitha P, Bhavyaa R, Muthu MS, **Kirthiga M**. Morphological variations and prevalence of aberrant traits of primary molars. *Ann Hum Biol.* 2021 May 25:1-18. doi: 10.1080/03014460.2021.1929476. Epub ahead of print. PMID: 34032195.
2. Walia T, **Kirthiga M**, Brigi C *et al*. Interproximal contact areas of primary molars based on OXIS classification – a two centre cross sectional study [version 2; peer review: 2 approved]. *Wellcome Open Res* 2021, **5**:285.
3. **Kirthiga M**, Muthu MS, Cheuon Lee JJ *et al*. Prevalence and correlation of OXIS contacts using Cone Beam Tomography images (CBCT) and photographs. (published online ahead of print, 2020 Jul 3). *Int J Pediatr Dent* 2020;10.1111/ipd.12687.
4. Muthu MS, **Kirthiga M**, Kayalvizhi G, Mathur VP. OXIS classification of interproximal contacts of primary molars and its prevalence in 3-4 year old children. *Pediatr Dent* 2020;42(3):197-202.

5. Bhavyaa R, Sujitha P, Muthu MS, **Kirthiga M**. Prevalence of Cusp of Carabelli and its caries susceptibility - an ambidirectional cohort study. *Aust Dent J*. 2020 Dec;65(4):294-301.
6. Radha S, Kayalvizhi G, Adimoulame S, Prathima GS, **Muthusamy K**, Ezhumalai G, Jagadesaan N. Comparative Evaluation of the Remineralizing Efficacy of Fluoride Varnish and its Combination Varnishes on White Spot Lesions in Children with ECC: A Randomized Clinical Trial. *Int J Clin Pediatr Dent*. 2020 Jul-Aug;13(4):311-317. doi: 10.5005/jp-journals-10005-1673.
7. **Kirthiga M**, Muthu MS, Ankita S, Richard K. Risk factors for early childhood caries - A Systematic Review and Meta- Analysis of Case Control and Cohort Studies. (Accepted in *Pediatric Dentistry*)
8. **Kirthiga M**, Poornima P, Praveen R, Sakeena B, Disha P. Severity of dental erosion and its associated factors in 11-16-year old school children in India. *J Clin Pediatr Dent* 2015;36:336-42.
9. **Kirthiga M**, Muthu MS, Kayalvizhi G and Krithika C. Proposed classification for interproximal contacts of primary molars using CBCT: a pilot study. *Wellcome Open Res* 2018 Sep 27;3:98.
10. Praveen R, Thakur S, **Kirthiga M**, Narmatha M. Comparative evaluation of a low-level laser and topical desensitizing agent for treating dentinal hypersensitivity: A randomized controlled trial. *J Conserv Dent*. 2018 Sep-Oct;21(5):495-499.
11. Praveen R, Sophia Thakur, **Kirthiga M**. Comparative evaluation of premedication with ketorolac and prednisolone on post endodontic pain: a double-blind randomized controlled trial. *J Endod* 2017;43:667-673.
12. **M Kirthiga**, P Poornima, R Praveen, P Gayathri, M Manju, M Priya. Prevalence and severity of Molar Incisor Hypomineralization in children aged 11-16 years of Davangere city South Indian region. *J Indian Soc Pedod Prev Dent* 2015;33:213-7.
13. Poornima P, **Kirthiga M**, Shilpa Sasalwad, Nagaveni N.B. Prevalence of a few morphological variant dental features in children aged 11-16 years in Davangere, South Indian region. *J Forensic Dent Sci* 2016;8:13-17.
14. **Kirthiga**, M. Manju, R. Praveen, W. Umesh. Prevalence of aberrant dental morphological details in 6-10 year old school children in Indian population. *Contemp Clin Dent* 2015;6:175-81.
15. **M. Kirthiga**, R. Praveen, W. Umesh. Severity of dental trauma and its associated factors in 11-16-year old school children in Davangere city, India. *J Orofac Sci* 2015; 7:95-9.
16. Praveen R, Sophia Thakur, **M. Kirthiga**, S. Shankar, Veena S. Nair, Priya Manghani. The Radiculous' Premolars: Case Reports of a maxillary and mandibular premolar with three canals. *J Nat Sci Biol Med* 2015;6:442-5.
17. **Kirthiga M**, Manju M, Praveen R 3 , Umesh W. Ethnic association of cusp of carabelli trait and shoveling trait in an Indian population. *J Clin Diag Res* 2016;10:78-81.

18. Dr N.B. Nagaveni, **Dr. Kirthiga Muthusamy**, Dr Poornima P, Dr.Shashikant Katkade. Escobar syndrome –a rare case report. Afro Asian J SciTech 2014;1(1):81-90.
19. N. B. Nagaveni, Meghna Bajaj, **Kirthiga Muthusamy**, P. Poornima, Suryakanth M. Pai, V. V. Subba Reddy. Concomitant mandibular hypo-hyperdontia – report of 2 rarest CASES with literature review. IJCDMR 2014;2:1-6.
20. Poornima Parameswarappa, Mohammed Umeruddin, Jooie Joshi, **Kirthiga Muthusamy**. Foreign body in canal spaces: Case series. Universal Journal of Dentistry 2016;6:242-45.
21. Sajeev R, **Kirthiga M**, Ramesh V, Selvabalaji. Compound Composite Odontome - Report of 3 cases with a review of literature. Manipal Journal of Dental Sciences 2016;1:27-31.
22. D Nivedha, G Kayalvizhi, R Sajeev, G S Prathima, A Selvabalaji, **M Kirthiga**. Association of Knowledge and Attitude of Mothers and Pre-Nursery/ Nursery School Teachers regarding Early Childhood Caries in Preschool children of Puducherry – A Cross Sectional Study. International Journal of Contemporary Medical Research 2017; 4:676-80.