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**Positions available
for Ph.D. and
Postdoctoral
training**

Personal Profile

Dr. M S Muthu earned his bachelor's degree from Tamil Nadu Government Dental College, Chennai and his master's degree in Pediatric & Preventive Dentistry from Nair Hospital Dental College, Mumbai. He received his Ph.D. from Meenakshi Academy of Higher Education and Research, Chennai. He also received **MFDS RCPS** from Royal College of Physicians and Surgeons of Glasgow. He has 23 years of academic and research experience, currently working as Head, Centre for Early Childhood Caries Research (CECCR), Sri Ramachandra Institute of Higher Education and Research, Chennai. He was awarded the fellow of ISPPD in the year 2022 and the BR Vacher Oration in 2023. He has 130 plus PubMed indexed publications. That includes 35 systematic reviews out of which 5 are Cochrane systematic reviews. He is the first Indian dentist from a dental school to get an extramural funding from the National Institutes of Health (USA). He is the Chair of Global Task Force on "Cleft Without Caries".

Research Interest

His research over the past 13 years has focused on understanding both the traditional and emerging risk factors of Early Childhood Caries (ECC) and its management. The primary goal of his research has been to achieve "**zero cavities**" in children providing a trajectory of good oral health and overall well-being of the child. He is also engaged in research training and capacity building with national and international institutional partners to address the problems associated with ECC. He has been part of the Guidelines International Network. He has led and collaborated in evaluating the Guidelines on Oral Health of Children with Cleft lip and Palate and for the FDI Advocacy guide on Comprehensive Cleft Care.

Selected Publications (in last five years)

Saikia A, Aarthi J, Muthu MS, Patil SS, Anthonappa RP, Walia T, Shahwan M, Mossey P, Dominguez M. Sustainable development goals and ending ECC as a public health crisis. *Front Public Health*. 2022 Oct 18;10:931243. doi: 10.3389/fpubh.2022.931243. PMID: 36330110; PMCID: PMC9624450.

Kirthiga M, Muthu MS, Kayalvizhi G, Mathur VP, Jayakumar N, Praveen R. OXIS Contacts and Approximal Caries in Preschool Children: A Prospective Cohort Study. *Caries Res*. 2023;57(2):133-140. doi: 10.1159/000529160. Epub 2023 Jan 24. PMID: 36689939; PMCID: PMC7614808.

Kirthiga M, Muthu MS, Kayalvizhi G, Mathur VP, Jayakumar N. Variations in Primary Molar Contact and Approximal Caries in Children: A Three-Year Prospective Cohort Study. *Pediatr Dent*. 2023 Sep 15;45(5):434-442. PMID: 37904267.

Saikia A, Muthu MS, Shabeer Khan A, Chimera J, Dominguez M. Early diagnosis of early childhood caries: A simple novel tool (MAAC charts) for parents and caretakers. *J Oral Biol Craniofac Res*. 2024 Sep-Oct;14(5):530-533. doi: 10.1016/j.jobcr.2024.06.003. Epub 2024 Jul 4. PMID: 39070886; PMCID: PMC11278799.

Saikia AM, Sivasubramanian A, Muthu MS, Ganesh A, Chandrasekaran K, Kirubakaran R. Herbal Mouthrinses for Prevention of Dental Caries in Children and Adolescents: A Systematic Review. *Int J Clin Pediatr Dent*. 2024 Apr;17(Suppl 1):S100-S111. doi: 10.5005/jp-journals-10005-2805. PMID: 39185265; PMCID: PMC11343992.

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