

DR. PAYEL KARMAKAR

Consultant - Dental Specialist

Qualification

BDS | MDS (Pedodontics)

Overview

Dr. Payel Karmakar is an esteemed consultant specialist in the Department of Dental Medicine at Manipal Hospitals, Mukundapur, Kolkata, possessing 13+ years of experience, both academically and clinically, in the field. Dr. Karmakar completed her Bachelor of Dental Surgery (BDS) and a Master's in Dental Surgery (MDS) in Pedodontics. Her specialisation involves addressing oral conditions affecting children and adolescents by employing various minimally invasive surgical and non-surgical interventions, such as Pulpectomy, Pulpotomy, Fluoride Application, Root Canal Treatment and Crowning, and Full Mouth Rehabilitation under general anaesthesia. She is also proficient in Preventive Dentistry, promoting and educating patients on maintaining good oral hygiene, scheduling regular follow-ups for cleaning, and detecting early signs of dental problems. She is the foremost Dental Doctor in Kolkata. Dr. Karmakar is a lifetime member of the Indian Society of Pedodontics and Preventive Dentistry (ISPPD) and has chaired various paper presentations hosted by the organisation, highlighting her leadership and active participation in peer collaboration and knowledge sharing. She is also a lifetime member of

the Dental Council of India (DCI), and the West Bengal Dental Council (WBDC), enabling her to stay up-to-date with recent advancements in the field. Moreover, Dr. Karmakar is also a professor and a mentor to post-graduate students at the Haldia Institute of Dental Science and has served as an internal and external examiner for various government and private dental colleges, showcasing her dedication to shaping future dental professionals and maintaining high academic standards. Her contributions to the field of research are vast, having published several papers in prominent journals, namely the Journal of International Oral Health and the Journal of Oral & Dental Health, and presenting several papers at various state and national conferences, including at the ISPPD. Dr. Karmakar is adept in the languages of Hindi, English, and Bengali, facilitating effective communication to address the needs of her patients and provide comprehensive and tailored care.

Fellowship & Membership

- Member of the West Bengal Dental Council (WBDC)
- Member of the Indian Society of Pedodontics and Preventive Dentistry (ISPPD)

Field of Expertise

- Skilled in diagnosing and treating a variety of oral health conditions, including tooth decay, damaged teeth, and mal-aligned teeth.
- Expertise in conducting advanced dental procedures such as Pulpectomy, Pulpotomy, Fluoride Application, Root Canal Therapy, and Crown Placement, as well as performing Full Mouth Rehabilitation under general anaesthesia for children requiring extensive dental treatment.

- Proficient in Preventive Dentistry, with a focus on promoting and maintaining oral health.

Languages Spoken

- English
- Hindi
- Bengali

Talks & Publications

- Published an article in the Journal of International Oral Health, 2015; 7(8); 70-76 I 2015 7.5
- Published an article in the Journal of Oral & Dental Health, 2016; 2(1): 3-5 II 2016 10
- Published an article in the Journal of Clinical Dental Research & Education, 2014, July-Sept; 3(8): 30-35 II 2014 10
- Published an article in the Journal of Oral and Dental Health, 2016; 2(1): 30-32 II 2016 5
- Published an article in the J Int Soc Prevent Community Dent, 2016; 6:523-28 I 2016 15
- Published an article in the Journal of Oral & Dental Health Science, 2021, 6(2), II 2021 5
- Published a research paper titled ‘Microleakage: Comparative Evaluation With Compomer, Ketac Molar, and Composite’ in the African Journal of Biological Sciences, 2024.
- Published a research paper titled ‘Effect of Different Remineralization Agents on Enamel Erosion. An In-vitro Study, Agents such as Tooth Mousse Plus, Remin Pro, Fluor Protector, and Bifluoride 10’ in the African Journal of Biological Sciences, 2024.
- Presented several topics at the National ISPPD conferences