

❖ Name & Designation	: Dr. Kavita Hotwani, Senior Lecturer.
❖ Address	: Pedodontics and Preventive Dentistry, Sharad Pawar Dental College, Datta Meghe Institute of Medical Sciences (Deemed University), Pratap Nagar, Nagpur.
❖ Name of the International Conference/ Seminar/Symposium/ Workshop	: 36 th Asia Pacific Dental Congress 2014.
❖ Title of the abstract accepted	: Comparative evaluation of Pain perception and behaviour associated with the administration of maxillary local anaesthesia with project R and conventional technique in Children.
❖ Date & Venue	17-19 th June 2014, Dubai, U.A.E.
❖ Money sanctioned	: Rs 54,283/-
❖ Money reimbursed	: Rs 48,015/-

Participation Report

The Asia Pacific Dental Federation, United Arab Emirates Ministry of Health and Emirates Medical Association and Emirates Dental Society organized the 36th Asia Pacific Dental Congress at Dubai, United Arab Emirates from June 17-19, 2014 at the Dubai World Trade Center, Dubai, UAE. Over 1000 proficient attendees representing Asia Pacific and the MENA regions attended the congress with the objective of "Improving Quality of Life through Better Dental Care". The scientific sessions included ICCDE oration symposia, 5 teaching pre-congress courses, 58 plenary lectures, 135 oral abstract presentations and 90 posters encompassing basic concepts and recent advances in dental science.

The conference was appropriately themed on "Improving Quality of Life through Better Dental Care". Challenging clinical cases comprehending all fields of dentistry were presented. The scientific sessions gave an insight to current research in implantology, regenerative dentistry and recent imaging modalities in dental practice. The collaborative communiqué between the speakers, presenters and the attendees gave a good impetus to better dental practice for future especially in developing countries. Key topics like the advent of digital era in dentistry, biomimetics and multidisciplinary patient management protocols were highlighted throughout the sessions.

New developments presented

1. Botox for facial dental aesthetics in the dental practice
2. Advanced Implantology: Minimally Invasive Implant Dentistry by using ceramic implants for high esthetic output

New developments resulting from training/ workshop

The conference provided a platform to learn and implement Botox fillers as a new facet of aesthetic dentistry in facial rehabilitation and regaining muscular harmony. The supporting literature, rules and regulations regarding this relatively new technique were reviewed and various clinical cases were discussed. Such deliberations on improving overall facial aesthetics would surely prove to be a useful modality in near future. Additionally, debates on complete facial aesthetics and regenerative dental treatment opened new avenues for further research to match and cater the needs of patients in developing countries like India.

Participant's contribution

The 36th Asia Pacific Dental Congress aided as a podium for sharing ingenious viewpoints on my scientific research presentation titled "Comparative evaluation of pain perception and behavior associated with the administration of maxillary local anaesthesia with Paroject® and conventional technique in children"

The present research focused on pain control in pediatric dental practice and investigated the administration of local anaesthesia with Paroject® in uncooperative pediatric dental patients'. Paroject® is an intraligamental syringe used in adults for local anaesthesia in dental practice. In the current research, we innovatively used this syringe in pediatric patients and provided a new method for painless injection in children.

Through my presentation, I introduced this novel method for decreasing pain perception in children and aid in behavior management during dental visits. This modality proved to be a potential tool for behavior management in children and was appreciated as a non-invasive and cost effective alternative for dental anaesthesia in pediatric age group. Through this presentation, it was further emphasized that developing new injection devices and anxiety control through behavioral management techniques should be supported and encouraged for pain-free dental injections in children. This also expanded my perspective on technological advances in dentistry and further helped me to utilize this experience in clinical and academic contributions to pediatric dentistry in India.