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Revolutions in pediatric dental caries management: An innovative approach beyond 2016

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Revolutions in pediatric dental caries management will require a paradigm shift in the way professions approach prevention and management of the disease. Prevention of dental caries has relied mainly upon parental and patient cooperation and significant life style changes that are at best difficult to implement and maintain or at worst ignored. The paradigm shift in pediatric dental caries management demands that clinicians redirect their energies and emphasis from the "surgical" approach to dental caries to a "medical" strategy and therapeutic intervention including use of antimicrobials to reduce caries producing-bacteria and innovative materials for re-mineralization. The revolutions will require the development of non-surgical strategies as well as biochemical approaches on the essentials of the paradigm shift. This presentation will provide interesting perspectives on unconventional approaches to dental caries management and novel ideas to incorporate into pediatric practices for new approaches to dental caries management.

Biography

Apa Juntavee is an Associate Professor in the Department of Pediatric Dentistry at Khon Kaen University. She received her Post-doctoral degree in Pediatric Dentistry from Boston University in 1991 and completed her Master's Degree in Public Health at Harvard University in 1995. She received her PhD in Medical Biochemistry from Khon Kaen University in 2003. She is currently serving as Editorial Advisory Board Committee for *Journal of Pediatric Dentistry (JPD)* and Scientific Paper Reviewer for *Journal of the Dental Association of Thailand (JDAT)*.

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