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*Current Concepts and Technology
in Improving Dental and Oral Health Care*

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DEAN OF FACULTY DENTISTRY HANG TUAH UNIVERSITY

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CHAIRMAN 3RD DENTISPHERE WELCOME NOTE

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Current Concepts Of Dental Caries In Children

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ABSTRACT

Dental caries is a multi-factorial disease that involves tooth structure, oral microbiota, and dietary carbohydrates, "tooth decay" results in the dissolution of the mineral content of teeth and must be thought of as dependent on its key contributing factors. It affects many people, including children. Indonesia launched national oral health program, "The Indonesian free of dental caries in 2030". Many efforts should be done to reach the goal. One of them is by understanding the dental caries in children. The current paradigm for management of dental caries is evidence-based and favors non-invasive therapies to prevent and/or arrest the progression of the disease, with traditional surgical intervention reserved for circumstances of irreversible tooth structure loss. Prevention and management of dental caries today will depend heavily upon accurate/regular caries risk assessment, appropriate behavior modification, and judicious use of non-invasive evidence-based modalities like fluoride and sealants to prevent and arrest acute caries lesions. The time invested in prevention during childhood represents a real benefit for the future adult's oral health. Many a dental problems can be avoided if dental decay management relies on the link between medical science and every day practice.