

ARE ORAL HEALTH AND SYSTEMIC DISEASES CONNECTED??

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It is more than a century since a connection between the mouth and the rest of the body first appeared in the medical literature. Recent evidence-based literature again strongly suggest that oral health is indicative of systemic health supporting the association between periodontal disease and systemic conditions. This has led to the evolution of new branch in Periodontology namely PerioMedicine. The nature of the association between the systemic disease and periodontal disease is considered bidirectional. Periodontal disease can be initiated or deteriorated by certain systemic diseases but can also initiate or deteriorate certain systemic diseases. Periodontal diseases can produce numerous changes in systemic health by changing the blood chemistry with raised inflammatory mediators, proteins, lipids in serum. Hyperlipidemia and thyroid disorders are linked with systemic inflammation. Periodontitis has been found to release inflammatory cytokines to systemic circulation. So, it could be related with these two systemic conditions. The aim is determination of changes in periodontal status obtained by scaling and root planning on serum lipid and thyroid profiles.

BIOGRAPHY

Sania has done her MDS in Department of Periodontology and Implantology. She has authored and co-authored many scientific publications both at national and international levels. She is a life member of Indian Dental Association. She also holds copyright for a book.

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