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## Periodontal Diseases and Neurodegenerative disorders- two sides of same coin??

Increasing evidence has suggested an independent association between periodontitis and a range of comorbidities, for example cardiovascular disease, type 2 diabetes, rheumatoid arthritis, osteoporosis, Parkinson's disease, Alzheimer's disease, psoriasis, and respiratory infections. Shared inflammatory pathways are likely to contribute to this association, but distinct causal mechanisms remain to be defined. Some of these comorbid conditions may improve by periodontal treatment, and a bidirectional relationship may exist. The presentation overviews the evidence linking periodontitis with neurodegenerative disorders like Parkinson's disease and Alzheimer's disease and calls for increased cooperation between dentists and medical doctors to provide optimal screening, treatment, and prevention of both periodontitis and its comorbidities.

### Biography:

Dr Ashank Mishra is currently Visiting Professor in Department of Periodontology and Research in EIMS H.E.I Malta. He received his MDS from Dr NTR University of Health Sciences, India. He worked as an Associate Professor in Dental School at Vikarabad, India. He obtained Masters in Laser Dentistry from University of Vienna, Associate Fellowship in Lasers from World Clinical Laser Institute (USA) and Fellowship of Oral Implantology in Branemark Osseointegration Center India. He accomplished Membership in Royal College of Surgeons of Ireland and Royal College of Physicians and Surgeons of Glasgow. He was accolade with Honorary Fellowship from International College of Dentists (USA). He is currently working as Periodontist and Implantologist in Muscat, Oman. He has been awarded under the category of Excellence in Periodontology and Laser Dentistry by International Exemplary Research and Performance in 2018 and 2019 consecutively. He is a member of International Academy of Periodontology and Indian Society of Periodontology. Regarding his clinical activity, as a specialist in periodontology Prof. Mishra maintains a private practice limited to periodontology, laser dentistry and implant surgery with an emphasis on nonsurgical periodontal treatment, regeneration, minimally invasive surgery. The focus of his research activity spans from novel periodontal treatment options to its clinical translation and periodontal-systemic interrelationships. He is a member of the scientific journals, and author of many international publications in different scientific journals holding more than 200 citations. In addition, he owns Zeus- Terra Dental Academy and LazerDontiz which conducts clinical courses on Periodontology and Soft tissue Lasers under its wing.