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Dementia and periodontitis: is there an association**Joana Braamcamp de Mancellos***Faculty of Dentistry, University of Porto, Porto, Portugal*

Dementia is a serious public health problem that affects millions of people around the world. Dementia's syndrome is defined by the presence of cognitive, psychological and behavioural disorders in such a way that they affect the individual's autonomy in performing their daily activities. The most common cause of dementia is Alzheimer's disease, a progressive and irreversible neurodegenerative disease that affects 60 to 80% of all patients diagnosed with dementia.

The most recent scientific publications consider the association between Alzheimer's disease and periodontitis, in the sense that the induction of the chronic inflammatory state by periodontal disease seems to develop or aggravate the neuroinflammatory states present in Alzheimer's disease.

Therefore, it's considered whether the presence of local chronic inflammation can influence pre-existing systemic pathologies, favoring their appearance and progression. A extensive study of the bibliographic content resulting from the research with the terms "dementia", "Alzheimer's disease", "periodontitis", "prevention", "gerodontology", "oral health" allowed collecting more recent information on the subject. Epidemiological data were collected based on World Health Organization publications. Is there an association between Alzheimer's disease and periodontitis? In this oral communication, the author will make a brief review of the most recent publications on this subject.

Biography

Joana Braamcamp de Mancellos works as esthetic rehabilitation specialized dentist in Porto, Portugal. She has published several articles and posters on Forensic Medicine and is starting a new PhD project on Alzheimer's disease and periodontitis at Faculty of Dentistry, University of Porto, Portugal.