

Editorial Desk

Neurological disorders affecting dental management; time to solemnly think of.

Writing an editorial for anyone is off course not an easy job, however it's my immense pleasure to take this opportunity that too on the inaugural issue of our long awaited "International Journal of Medical and Dental Sciences". Here, I am dealing with some neurological dilemmas which have seriously affected the overall dental management and prognosis. As a proven fact, the patients with neurological disorders necessitate special therapeutic attention that solely include abnormalities associated with the cranial nerves, facial sensory loss, facial paralysis, epilepsy, Parkinson disease, multiple sclerosis and myasthenia gravis. As and when there is a deformity or disturbance in the functions of the nervous system of an individual, they are said to experience a neurological disorder. These abnormalities and disturbances pertain to the brain, the spinal cord, and the nerves which connect these organs with the rest of the body. The conditions and symptoms which are caused by neurological disorders can make the maintenance of good oral health an extremely difficult task for the patients of these disorders. Preventive dental care for patients with neurological disorders needs a specific approach, Because of the fact that these

patients belong to the category of patients with special needs; all kind of preventive and rehabilitative treatments necessitates a well planned and specific approaches.^[1-2] Moreover, particularities of neurological orofacial manifestations as well as the prescribed medication, brazen out the dentist with additional difficulties that primarily includes his communication with the patient regarding the effects of oligosialia or xerostomia and correspondingly the incidence of the oral diseases. Orofacial complications of neurological diseases have direct relation with dentistry; hence, dentists should be familiarized with those common diseases between neurology and dentistry. The personalization of dental care for each patient with neurological diseases must be made mandatory. Such approach must concern with the recommendations for personal oral hygiene and the recall for dental hygiene in the dental clinics with the evaluation of overall dental profile, bacteriological and mycological tests, salivary flow estimation and xerostomia diagnosis. Professional applications of dental pharmaceuticals like pit and fissure sealants which could help to check the development of

dental caries.^[3-4] Furthermore, a close communiqué between the neurologist and the dentist must be there in order to find the best recommendations for the patient in order to increase the life comfort for the patients who suffer from neurological diseases. So, as to propagate dental surgeons with these manifestations is essential for them to have a better recognition, diagnosis and correct decision upon treating these manifestations in such patients.

References

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1. Amanat D. Oral and Maxillofacial Manifestations of Neurological Diseases in Southern Provinces of Iran. Shiraz Univ Dent J 2012;13:23-8.
2. Badea M, Muresanu DF. Dental care for patients with neurological disorders. Romanian J Neurol 2008;1:10-3.
3. Minić S, Novotny GE, Trpinac D, Obradović M. Clinical features of incontinentia pigmenti with emphasis on oral and dental abnormalities. Clin Oral Investig 2006;10: 343-7.
4. Chemaly D, Lefrançois A, Pérusse R. Oral and maxillofacial manifestations of multiple sclerosis. J Can Dent Assoc 2000;66:600-5.

