Oral manifestations and psychosomatic profile changes in anorexia and bulimia patients

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Background: Eating disorders are a pathological psychological disturbance associated with a host of serious medical complications, either psychological or metabolic. Oral and dental manifestations are characteristic of the disease. Once that psychological factor may predispose or perpetuate symptoms of Temporomandibular Joint, it is assumed that eating disorders may contribute to an increased prevalence of oral parafunctions as bruxism.

Aim: Analysis of oral and temporomandibular manifestations of patients with eating disorders and their possible predisposition to bruxism.

Material & Method: This study included 60 volunteers (n=60), 30 of the study group diagnosed with anorexia or bulimia, from the Feeding Behavior Consultation of Psychiatry Clinic and Mental Health of St. John's Hospital and 30 in the control group, healthy volunteers who attended the School of Dental Medicine, University of Porto. The study included the completion of questionnaires, and clinical observation, extra and intraoral assessment, general assessment of patterns of tooth wear, palpation of the Temporomandibular Joint and execution of Brux Checker ° at 7 subjects in the study group identified with bruxism.

Result: Statistically significant results were found between the study group, patients with eating disorders and the healthy control group subjects (p<0.05). Patients with eating disorders had different oral characteristics of healthy subjects, also associated with levels of anxiety and depression significantly higher. Although the results were not statistically significant, to say that patients with eating disorders had a higher prevalence of bruxism, probably replicating the study with a greater sample, could confirm a trend that seems to exist.

Biography
Cláudia Sofia Barbosa da Costa Ribeiro finished her Master’s degree in Dental Medicine at the Oporto University School of Dental Medicine and since October 2014 is collaborating at the Occlusion, TMJ and Orofacial Pain Department from the Oporto University School of Dental Medicine.

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