

Patients' Attitude to Treatment of Pit and Fissure Caries with Ozone

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Ozone is now being investigated as a pharmaceutical agent for the non-operative management of pit and fissure caries in longitudinal controlled clinical trials. This study aimed to assess patients' attitude and dental anxiety to this new approach for treating dental caries. 49 patients participated in this study and received the ozone treatment (using the HealOzone unit from CurOzone, USA). Attitude and dental anxiety were assessed on a 5-point scale questionnaire. Part of the questionnaire was completed before and the second part immediately after the ozone treatment. 98% of patients were happy or satisfied with the treatment and 94% would recommend it to a friend or a relative. 2% of patients (n = 1) were slightly anxious after the treatment, compared to 4% (n = 2) before treatment. These patients reported different degrees of anxiety with respect to conventional treatments (94%, 85%, 82% to fillings, drillings and local anaesthesia, respectively). All patients were happy to repeat the treatment if needed and 94% were happy to pay more for it than for conventional treatment. 94% were happy or satisfied with the time required for this treatment. These patients were happy and satisfied with ozone treatment to treat their dental caries and would be happy even to pay more for this treatment than conventional drilling and filling. Ozone therapy significantly reduces dental anxiety.