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PREVENTIVE DENTISTRY

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Title:

TIEFENFLUORID IN THE DESENSITISATION OF DENTINAL HYPERESTHESIA (CLINICAL RESULTS)

Preferable Presentation type:

Oral Presentation

Area of view:

Preventive Dentistry Purpose: The aim of this study is to provide the clinical results of dentinal desensitisation treatment, in non-cariou defects. Methodology: Were treated 146 patients, 49 males and 97 females, who were diagnosed with generalized and local hyperesthesia of the second and third level. The patients were treated with Tiefenfluorid during two sessions carried out in intervals of every 8 days. During the treatment the two solutions were alternated [1st solution: $MgSiF_6 \times 6 H_2O$, $CuSiF_6 \times 6 H_2O$, NaF, distilled water & 2nd solution: calcium hydroxide-high dispers, methylcellulose, distilled water]. Level of hyperesthesia and correctness of the diagnosis was assessed not only based on patients complaints but also by using the test-meter apparatus for making evaluations in mV, before and after the treatment. The opposite side of teeth of the same patient, treated with conventional fluoride gel was used as a control group. The patients were followed up for 2 years. Results: The cases treated with Tiefenfluorid which included treatment for general dental hyperesthesia, hyperesthesia localized in the teeth necks, and cuneiform defects resulted more successful than those treated with the traditional fluoride gel. The immediate response as well as the long term reaction was a better one. It was necessary to perform 10 sessions of traditional fluoride gel treatment and only two to three treatments with Tiefenfluorid. Conclusion: Results of treatment of the dentinal hy-

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persensitivity with Tiefenfluorid of the "Humanchemie-GmbH" company, are safe in the treat-

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ment of non-cariou injuries and cuneiform defects, compared to other fluoride preparations. Keywords: cuneiform defects, fluoride gel, hyperesthesia, Tiefenfluorid