



## SPACE-HEALER in Odontology

Recently a Dentist has at their disposal one more technique to effectively help a patient...SPACE-HEALER.

SPACE-HEALER is an acronym of the method of influencing the human body and also of a family of devices – Electro Neuro Adaptive Regulator.

The space-healer is a universal non-invasive regulator of body functions. This portable shirt-pocket size (300g) device represents a new wave in electrotherapy – the culmination of more than 150 years of searching for an ideal treatment using an electrical current.

Following the developing approach by health care professionals towards pain and pain management, the space-healer naturally and in a most delicate way helps the body's own internal pharmacy thus provides the body with the freedom to choose the necessary healing ingredients.

A well-chosen electrical stimulus similar to that of natural neuro-impulses, and the ability to interpret actual Biological Feedback allows the space healer not only to “listen” to the body, but indeed to “hear” it and to establish with the body a real “dialogue” of equal partners, In the healing process each signal of the device controls the body's activity – and is controlled by the body's constantly changing condition and needs. Due to this characteristic, each space healer signal is different from the previous one. This prevents the development of any tolerance to the influence. Thus together, the new team – Body and Device – is capable of overcoming a poor physical condition, which “steal your smile”.

Space healer provides an effective pain relief; regulates and normalizes the body functions; accelerates the course of pathological processes with reduced manifestations; normalizes body metabolism; reduces inflammation, swelling and allergic reactions; regulates the tone of blood vessels and influences the hormonal and immune status etc. All space healer therapeutic effects are fast, intense and long lasting and have been known not only to address the current condition, but also to assist in the general improvement of the body and the restoration of its healthy state and feeling of well being.

With few known contra-indications and an absence of known complications and negative side effects, space healer becomes a valuable addition to the existing methods of reputable conventional and alternative medicine for any health professional. Dentists can use it as a stand-alone treatment or in harmony with other methods, obtaining impressive results after only a short course of treatment.

SPACE-HEALER therapy may be effectively applied in the treatment of a wide variety of acute, as well as chronic, pathological processes of oral and maxillofacial regions. It can significantly improve the conditions of patients and the course of disease before and after a dental procedure and accelerate the healing process.

The possible applications are arrested pain due to dental caries, acute and chronic pulpitis, periodontitis and gingivitis, periodontosis and other inflammatory conditions of teeth, gingiva and jaws including osteomyelitis and periosteitis; any painful condition after the dental treatment of caries, dental cleaning, brace and denture application, dental surgery etc.

In acute conditions, such as arrested caries of pulpitis etc, SPACE-HEALER therapy significantly reduces pain, swelling, inflammation and assists in the improvement of mouth function. In chronic conditions, such as periodontosis and periodontitis etc, SPACE-HEALER therapy can reduce bleeding, mobility of teeth and slows down regression of the gingiva.

In conditions where the structure of a jawbone is disturbed, SPACE-HEALER therapy will assist in the restoration of the structure. Visible changes in the bone structure can be seen on x-ray, however not earlier than 2 months after the treatment course of 15-20 sessions has started (due to the delayed SPACE-HEALER effect).

### **Clinical observations**

1. The treatment of deep caries in 15 patients (after a conventional dental treatment procedure). The course of SPACE-HEALER therapy consisted of 3-5 sessions, with a control group of patients being treated without using a space healer. The usual dental procedure was used in all cases.

In the group of patients using SPACE-HEALER Therapy, the post-procedural condition went without any complications in 100% of cases, in the control group, 30% of patients complained of the “usual” post-procedural pain for 2-3 days. In these patients, application of the space healer removed the pain after the first session.

2. Better results were noted in the treatment of pulpitis. Usually 40% of patients suffer with pain after treatment. Using SPACE-HEALER therapy (3-5 procedures a day) beginning on the day of the procedure, no pain was observed.
3. A 40 year-old woman with a relapse of chronic periodontitis: pain was experienced when pressure was exerted on the tooth itself or over the root area. An X-ray revealed a 3mm apical granuloma. The pain was almost completely removed after the first space healer treatment. All clinical symptoms of the condition disappeared after the 3<sup>rd</sup> procedure. 7 treatments were performed in total. X-ray after 3 months revealed a reduction of the periodontal fissures and twice the reduction in the size of the granuloma. The patient did not have any complaints throughout the 3-month follow-up period. It is important to note that immediately after the treatment, the tooth was used as a support for a denture. This case could not be considered incidental, because normally the use of a “sick” tooth as a support for a denture gives a relapse in 100% of cases. The follow-up period of 1 year did not reveal any complaints, and the objective study of the chronic periodontitis did not show any signs of deterioration. From all the above cases, it may be concluded that a Space Healer is a valuable assistant in any Dentist’s practice. Its full capabilities in Odontology have not been revealed yet, but preliminary research and accumulated experiences are very promising. It is only a matter of time before enthusiasm for the Space Healer will establish it as a necessary piece of equipment for every Dentist.