

Professional tooth whitening by low voltage radiofrequency for mouth rejuvenation

"You'll find that life is still worthwhile, if you just smile."

Charlie Chaplin

Recent studies show that people who have whiter teeth are more self-confident and stand a greater chance of success. The Hollywood smile flashed by movie stars contributes to a better state of mind and opens their path to success.

A bright smile makes us look younger, and dental bleaching, the most popular and least invasive treatment of dental cosmetics, has become a treatment increasingly demanded by a large number of people. Dental bleaching is a simple procedure which may be a stand-alone procedure or it may be performed in combination with other techniques. Dental bleaching, whether performed at home or in the dentist's office, aims to get a whiter smile.

The dental market offers a wide range of whitening products and techniques ranging from toothpaste, mouthwash, gels and strips to professional whitening, each with advantages and disadvantages. Out of the whitening products that are used at home, bleaching strips and gels provide faster results than toothpaste or whitening mouthwash, but if not properly used, they can damage the teeth.

Therefore, it is best to resort to professional whitening and see a dentist.

Recently, at IDS, BrightTonix Medical (Yokneam Illit, Israel) introduced the new Y10 low voltage radiofrequency system, which provides safe, painless and fast bleaching in just 30 minutes without any

home-based training or treatment.

This new system ensures safer and more reliable treatment, providing faster teeth whitening. The RF current catalyses the whitening ingredients in the toothpaste by loading the molecules that are applied in the RF field. The loaded modules change their shape into unstable molecules. Stains on the dental enamel contain a chromophore that is mainly a protein. Loaded molecules will covalently create chemical bonds with the chromophore due to the opposite polarity.

The Y10 BrightTonix teeth whitening system allows dental professionals to provide professional results for the first time in only 30 minutes through a quick and simple procedure for both the practitioner and the patient.

The Y10 system has the following advantages:

- effective and painless whitening procedure;
- portable design which makes it ideal to move around dental practice;
- the peppermint flavour in the Y10 toothpaste and the RF current lead to a mouth refreshing sensation;
- provides for remarkable improvement of several shades in accordance with the common shading grading;
- the unique combination between the RF current and the unique Y10 toothpaste ingredients magnifies and accelerates the gums rejuvenation processes;
- the working technique is simple and clean;
- ergonomic, disposable mouthpiece;
- control device easy to operate.

The Y10 system is a unique, safe and effective alternative to the hydrogen peroxide bleaching treatments currently used in dental clinics as it does not have the side effects associated with dental sensitivity and pain in the gums.



The Y10 system for teeth whitening by BrightTonix Medical (Yokneam Illit, Israel) <https://www.btonix.com>

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