



TONGUE SANITIZATION

For an effective deep
cleaning of the tongue



Scientific Publications

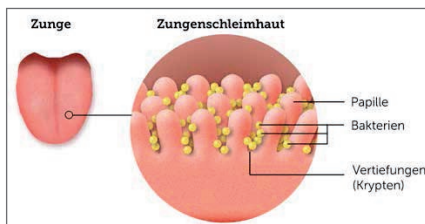
On the tip of your tongue!

Professional Oral Prophylaxis PLUS!

A Chinese proverb says, "The mouth is the entrance of the body and the cause for all suffering".

For this reason, the tongue can be likened to the red carpet of this entrance. A clean carpet is the basis for good oral and general health.

For some time now, the praxisHochschule has been looking into a holistic treatment approach for professional teeth cleaning which also caters to the fact that around 2/3 of all bacteria in the mouth can be found on the tongue.



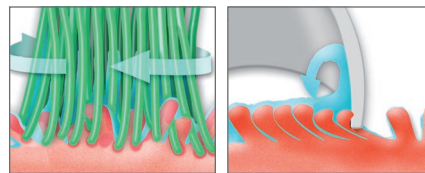
The structure of the tongue can be compared to a deep-pile carpet. The bacteria settle in particular in the crypts (depressions) between the papillae.

The tongue forms a particularly complex ecosystem. Thanks to its large surface and the special papillae structure, it is able to retain food residue and host a diverse tongue flora, the tongue coating. There, organic substances are broken down by anaerobic gram-negative bacteria. The main cause of halitosis is primarily the formation of volatile sulfur compounds (VSC) through the metabolic activity of the anaerobic bacteria. The rear third of the tongue in particular is affected.

Until now, we removed the tongue coating mechanically with the aid of rotating brushes, tongue brushes and scrapers. Chemical additives were then able to reduce the number of gram-negative bacteria.

Accessibility to the rear third of the tongue, where the largest amount of tongue coating is found, is also ex-

tremely restricted due to the height of the brush. Subsequently scraping the tongue coating from the tongue only removes the coating above the papillae.



An innovative technology now enables professional tongue sanitization through effective and gentle suctioning of the tongue coating.

It couldn't be simpler to use.

- Remove the protective cap from the saliva ejector.
- Attach the TS 1 Tongue Sanitizer to the saliva ejector until the saliva ejector completely fills the window.
- Then attach the saliva ejector with the attached TS 1 Tongue Sanitizer to the appropriate suction adapter.

The tongue sanitizer is multifunctional. On the one hand, it can be used for removing the tongue coating without the additional use of tongue cleansing gel by simply suctioning using the ribbed side. While doing so, the tongue is held in place with a damp gauze compress (5x5cm) in order to enable dorsal and ventral suctioning. On the other hand, it can be used as part of full-mouth disinfection (FMD), for halitosis therapy or in the case of acute tongue coating, in which case the additional use of a tongue cleansing gel is recommended. In this way, the number of gram-negative bacteria can be chemically reduced by chemical agents such as chlorhexidine digluconate (CHX) with the Cervitec Gel from Ivoclar Vivadent or other agents. In a first step, the tongue cleansing gel is applied to the dosing-recess of the ribbed application surface. The tongue is held in place with a damp gauze compress and



the tongue cleansing gel applied to the tongue in winding movements. In a second step, the TS1 Tongue Sanitizer is reversed and the ribbed side moved gently back and forth over the tongue from the tip to the root of the tongue and back. This makes the papillae erect and subsequently removes the tongue coating from the depths of the crypts evenly, effectively and gently.

Professional oral prophylaxis PLUS:

Today, professional tongue cleansing is an integral part of professional oral prophylaxis. It enables gentle and effective cleansing without the gag reflex being activated and gives the patient a pleasant, velvety feeling to the tongue, significantly increasing their motivation to perform tongue cleansing at home.



TS1 Tongue Vacuum Cleaner

The TS1 Tongue Vacuum Cleaner is a high-quality product, produced in Germany in accordance with ISO 9001.



patent pending

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Go straight to the application video here:



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www.ts-1.com