

# ZR-Product Test

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## PRODUCT TEST

### TS1 - the system for tongue sanitization

| The TS1 Tongue Vacuum Cleaner fits onto the saliva ejector of the treatment unit and removes bacterial tongue coatings gently and effectively in less than a minute. In a practical test in 21 dental surgeries, the system was convincing: The dental assistants and dental hygienists rated the TS1 very highly. |

#### Product description

The TS1 Tongue Vacuum Cleaner is the ideal supplement to any professional dental cleaning. The TS1 can also be used for full-mouth disinfection and halitosis therapy.

The vacuum cleaner fits onto the saliva ejector and effectively removes bacterial tongue coatings: The nubbed side can be used to massage in a tongue gel (e.g. TS1 Tongue Gel in 75 ml bottle) or toothpaste before cleansing takes place using the slatted side.

#### The product in use

The product was tested in 19 dental surgeries (mainly by dental assistants or dental hygienists) in 20 applications in each case. In many surgeries, tongue cleaning is an integral part of professional dental cleaning, and all test participants find tongue cleaning useful. On average, tongue cleaning is performed 4 to 9 times per day in the test surgeries. Compared to other conventional methods, the testers rate the cleaning result as "better" to "much better" – with the same amount of time required as before.

The operating instructions are "very easy to understand", while the handling of the vacuum cleaner is "simple" and suitable for the dental assistants – no special additional qualification is required. The suction pressure is rated by all testers as "just right".





The majority of the patients' responses to the tongue cleaning was "very positive". A gagging reflex occurred in only two cases, and only two patients found the gel too spicy. The testers rated the quality of the professional dental cleaning as "higher" as a result of the tongue cleaning. In addition, the use of the TS1 in the dental surgery increases the patients' motivation to clean their tongue at home.

### Tester rating

In the dental surgeries, the Tongue Vacuum Cleaner is still quite unknown – only 6 of 19 surgeries were familiar with the system (among other things through further training). Especially among new users, the system received very good marks – more than three quarters of the testers would continue to use the TS1 in practice. Overall, the testers gave the TS1 Tongue Vacuum Cleaner + TS1 tongue gel an average mark of 1.38 = "very good".

### Overall rating

TS1 Tongue Vacuum Cleaner + TS1 Tongue Gel = \*\*\*\*\* = "very good"

### SOURCE

- Product test of the ZR Dentistry Report (ZR ZahnmedizinReport), May to July 2019.

**PRACTICAL TIP** In dental surgeries, the TS1® Tongue Vacuum Cleaner may only be used as a disposable product. Together with the TS1® handle, however, it is the ideal supplement to continue tongue cleaning at home – and at the same time a possibility for sustainable use of the TS1.

### IMPRESSUM

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