straumann

STEP-BY-STEP INSTRUCTIONS ON THE
STRAUMANN® TiBrush™

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SIMPLY DOING MORE
FOR DENTAL PROFESSIONALS

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Product description

- Straumann® TiBrush™ (Art. No. 070.005) is a debridement instrument for dental implants subjected to peri-implantitis.
- Straumann® TiBrush™ is made of titanium bristles with a stainless steel shaft.

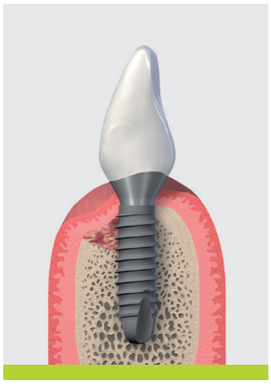
Straumann® TiBrush™ is indicated for the open-flap debridement of titanium implant surfaces in bone defects caused by peri-implantitis.

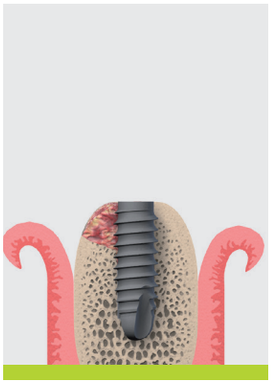
It is packaged sterile and must be used immediately after opening of the blister packaging in an aseptic surgical environment. The instrument is for single patient use only.

1. Gaining access to the infected implant site

1.1 Straumann recommends that the prosthetic supraconstruction is removed, if possible, prior to use of the Straumann® TiBrush™.

1.2 Use a scalpel to gain access to the infected site. The Straumann® TiBrush™ should only be used in an open-flap surgery.

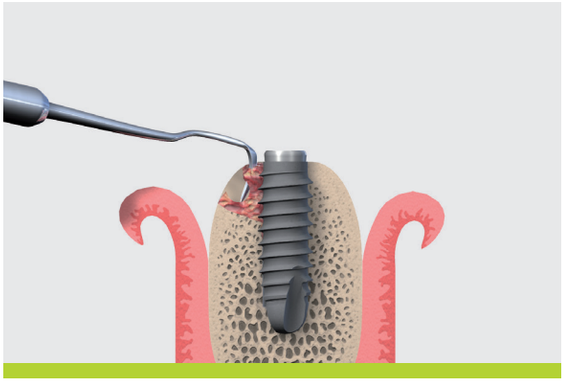




2. Initial debridement of the implant site

2.1 It is recommended to protect the inner connection of the implant before debridement with a cover screw or healing abutment.

2.2 Remove excess of granulation tissue around the implant with the relevant surgical instruments, taking care not to damage the implant surface.



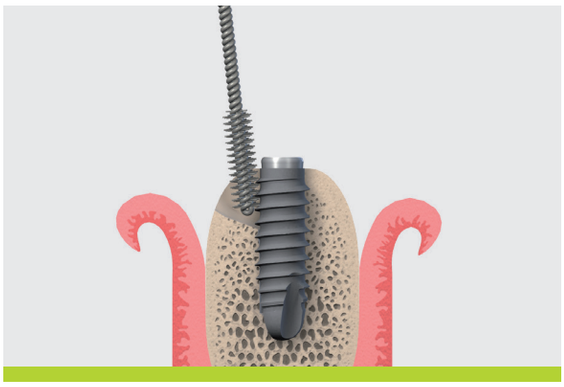
3. Debridement of the implant site with the Straumann® TiBrush™

3.1 Visually inspect the package and its contents for damage before opening the blister. Open the package shortly before surgery to avoid contamination.

3.2 Remove the Straumann® TiBrush™ from packaging taking care not to bend the brush. Handle Straumann® TiBrush™ with care to avoid damaging the bristles prior to treatment.

3.3 Attach the Straumann® TiBrush™ to a surgical handpiece, which oscillates in a clockwise/counterclockwise direction.

3.4 Debride the implant surface using a maximum of 900 oscillations per minute to avoid damaging the integrity of the implant surface. Use sterile saline solution (NaCl) or Ringer solution for irrigation and cooling of treatment site.



Tip

The Straumann® TiBrush™ can be straightened by hand if it becomes bent during removal from packaging or during debridement.

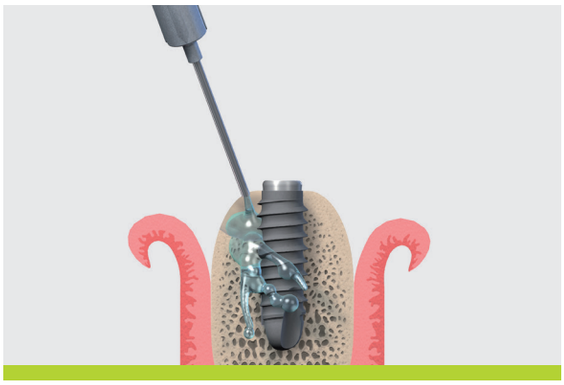
Note

It is recommended to use an oscillating handpiece with an operating angle of ± 30°.
Please check the reduction ratio on your handpiece. The ratio is usually specified near the base of the handpiece. Ensure that your motor is adjusted to this ratio specified on the handpiece.

4. Final cleaning of the implant site

4.1 To decontaminate the site and reduce the risk of re-infection, it is recommended to clean the implant site with a suitable cleaning agent after debridement.

4.2 Rinse extensively with sterile saline solution (NaCl).



Note

If the Straumann® TiBrush™ is repeatedly used during the same procedure at multiple sites for the same patient, it is recommended to immerse the brush in a 3% hydrogen peroxide solution and rinse with sterile saline solution between treatment sites.

Straumann products are CE marked 06/13 152.748/en BA21012

Please note

Practitioners must have appropriate knowledge and instruction in the handling of the Straumann® product described herein ("Straumann Product") for using the Straumann Product safely and properly in accordance with these instructions for use. The Straumann Product must be used in accordance with the instructions for use provided by the manufacturer. It is the practitioner's responsibility to use the device in accordance with these instructions for use and to determine if the device fits to the individual patient situation. Pictures show generic implant.

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