stomdevice

POLISHING STRIPS

PRECAUTION

Devices in plastic packages should be stored away from heating devices to avoid packaging damage.

INSTRUCTIONS FOR USE
Revised August 09, 2022

The devices are for single use.
No special training required.

Target groups
No limitations for target treatment group – the devices can be used for all groups of patients without restrictions.
Warnings and precautions
Polishing strips are for single use and supplied in non-sterile state.
Polishing strips cannot be placed in the inflamed gingiva as it can cause bleeding.
Prior to use *polishing strips* make sure of integrity of the device and absence of dirty and rust on it.
Polishing strips should be stored in a dry place, away from direct sunlight (for polishing strips on plastic base).
Devices in plastic packages should be stored away from heating devices to avoid packaging damage.

STERILIZATION

Polishing strips are single use devices. They are supplied in non-sterile state. In case there is a risk of contamination sterilization before use can be performed as follows.

Procedure:
1) Disinfect your hands;
2) Put on disposable gloves;
3) Perform sterilization by keeping:
Polishing strips on metal base
– in autoclave at 134°C for 5 minutes in accordance with the instruction of the autoclave manufacturer;
Polishing strips on polymer base
- in autoclave bag in autoclave at 121°C for 20 min in accordance with instructions of autoclave manufacturer.

Warning:
1) Do not use detergents or disinfectants containing strong alkalines (pH>9), strong acids (pH<4), phenols or iodophors, hydrogen peroxide, interhalogenic agents, halogenic hydrocarbons, strong oxidizing agents, organic solvents, aldehydes.
2) Do not use cleaning agents with high percentage of chlorine and cleaners containing oxalic acid.
3) Dry the devices thoroughly before sterilization.
4) Follow instructions of autoclave (sterilizer) manufacturer.
5) To avoid corrosion of the metal due to electrolysis, do not place devices in autoclave together with products made of aluminum, brass and copper.

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6) Do not use / sterilize the devices in case of presence of traces of rust on the surface or traces of surface damage.
7) Do not keep the devices in liquid medium for more than 3 hours.

Storage
Devices in plastic packages should be stored away from heating devices to avoid packaging damage.

Sterilized devices can be stored:
1) In the UV-chamber – please refer for the instruction of the UV-chamber for the detailed storage conditions.
2) In the autoclave bags - please refer for the instruction of the autoclave bags for the detailed storage conditions. Products sterilized in autoclave bags should be stored in closed cabinets in clean, dry rooms, preferably at a temperature of 15-30°C and a relative humidity of 33-50%, avoiding exposure to direct sunlight. Unauthorized access to these rooms should be excluded.

Operating instructions

Preparation
1. Open the packaging.
2. Make sure that there are no:
- signs of violation of the integrity of the device (including cracks and chips),
- traces of rust or dirt on the surface.
3. Carry out sterilization according to current instruction for use (if appropriate)

Operating procedure

<u>Strips on polymer base</u>

1. Remove excess composite and contour the restoration using a fine diamond or carbide bur.
2. Accurately open the package with strips to avoid squabbling and mixing of the strips and choose strip for gross reduction.

Standard color code	**blue / green**	**green / yellow**	**yellow / white**
			
Abrasive particle size, micrometers	100 - 50 / 50 - 30	50 - 30 / 30 - 15	30 - 15 / 15 - 2
Process	**Gross reduction**	**Contouring**	**Polishing**

3. Insert the strip into interproximal area.
4. Polish interproximal and gingival surfaces of restoration by moving the strip by hand. Approximal surfaces are recommended to treat right after removal of matrix and wedge - while the inter-tooth distance remains unchanged.
5. Repeat the procedure with two other types of polishing strips.

<u>Strips on metal base</u>

Perforated prophylactic metal strips (strips for tartar removal)
1. Accurately open the package with strips.
2. Insert the strip into interproximal area.
3. Remove dental calculus (tartar) by rocking motion of the strip by hand.

Proxicut system
1. Accurately open the package with saw blades.

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2. Assemble saw blade and proxicut holder.
3. Insert the system into interproximal area.
4. Remove dental calculus (tartar) or excess of filling material from interproximal area by rocking motion of the system by hand.
5. Withdraw the system from the mouth and disassemble saw blade from the proxicut holder.
6. Install coarse proxicut diamond strip on the proxicut holder.
7. Insert the system into interproximal area.
8. Remove dental calculus (tartar) or excess of filling material from interproximal area by rocking motion of the system by hand
9. Withdraw the system from the mouth and disassemble the coarse proxicut diamond strip from the proxicut holder and repeat the procedure with two other types of diamond strips.

Warning:

1. Proxicut holders and keys are reusable devices and should be sterilized after each patient using either conventional steam autoclave or dry heat sterilizer in accordance with recommendation in Technical File «Dental matrix bands retainers».
2. Do not bend metal strip with a bend diameter of less than 3 mm to exclude device breakage.
3. When operating with key №1.369K avoid excessive force upon tightening.
4. Do not bend *polishing strip* on metal base with a bend diameter of less than 3 mm to exclude device breakage.

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