



Optimum® paste fillers

The instruction for use can be additionally requested.

Do not reuse

Before using Optimum® paste fillers, please see the following instruction manual.

【Contraindications and prohibitions】

Do not use in patients who are sensitive or allergic to this product.

Do not use the product unsterilized.

【Intended user】

This product shall be used only by dentists who are familiar with dental techniques.

【Target patient group】

All patients receiving dental treatment.

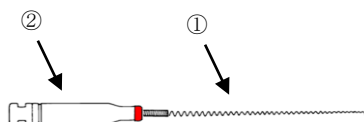
【Clinical benefits】

It contributes to the delivery of fillers or drugs in dental root canal treatment.

【Shape and materials】

① Working part: Stainless steel

② Shank (CA) : Stainless steel



【Intended use or effects】

A dental instruments with a spiral or conical coil-like spring on its working part. It is connected to an active device. It is used to deliver fillers or drugs to the root canal.

【Instructions for use】

Select instruments with an optimal size according to the intended use, and use it to deliver filling materials or drugs to the root canal.

Active devices capable of combination use

1. Use an active device that can confirm that the shank of this product is correctly held. (Diameter of contra angle shank: ϕ 2.35 mm)
2. Use an active device that can control the allowable rotation speed.

【Precautions for use】

1. Sterilize by autoclaving to prevent infection, and confirm that the product is sterilized before use.
2. Use the product with great care not to puncture fingers, etc. due to having a shape blade.
3. If the rotation speed exceeds the allowable one, it may break and cause injury. Thus, strictly observe the allowable rotation speed. (※1)
4. Completely insert the shank of this product as instructed by the active device manufacturer, and confirm that it is not halfway chucking.
5. Strictly observe the instructions for use when handling the active device that is to be connected to this product.
6. Use protective glasses, etc. to prevent eye damage. Wear a dust mask during operation to prevent sucking dust generated during operation.

7. Perform preliminary operation (rotation) outside the oral cavity before use, and confirm that there is no swaying.
8. Before use, check the product for deformation, scratch, crack, etc. outside the patient's mouth, and if any scratch or damage is found on the product, replace and discard the product.
9. If the head is slim, long, or large, avoid using the product at an excessive angle or under increased pressure that may cause breaking or bending.
10. Use a rubber dam or gauze screen to prevent accidental ingestion/aspiration. For patients with a high risk of accidental ingestion/aspiration, the sitting position shall be used for treatment as much as possible, avoiding the horizontal position.
11. Long-time immersion in a corrosive solution such as EDTA and sodium hypochlorite may cause corrosion; thus, attention should be paid to such solution.
12. Do not use the product if the packaging is damaged.
(※1) Allowable rotation speed: not more than 800 min^{-1}

【 Cleaning method (including treatment before sterilization)】

1. Immerse in medical detergent (enzymatic). The concentration, temperature, immersion time, etc. should be according to the instruction manual of the detergent.
2. Clean by ultrasonic with medical detergent (enzyme system). The cleaning time, etc. should be according to the instruction manual of the medical detergent.
3. When performing ultrasonic cleaning, hold it on a stand, etc. so that the working components of products do not touch each other.
4. Thoroughly rinse off the medical detergent.
5. Check visually whether there remain any adhered substances etc. If any adhered substance is found, repeat the above procedure from 1 to 4.
6. Dry the product. (Air blow, etc.)

【Sterilization method】

1. Before use, clean and sterilize by the following method.
2. Sterilization method: Put it in a sterilization tray or stand, and place it in a sterilization pack (or foil) to autoclave under either of the following conditions:

Sterilization conditions

- | | |
|---------------|--|
| Condition (1) | Temperature = 121°C , time = not less than 20 min |
| Condition (2) | Temperature = 126°C , time = not less than 15 min |
| Condition (3) | Temperature = 134°C , time = not less than 3.5 min |
3. When performing the drying process, dry at 175°C or lower for less than 30 min.

【Disposal】

1. Carefully handle when disposing of this product due to having a sharp blade.
2. This product should be discarded appropriately as medical waste.

[Distributor's name and address]

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