

RetraXil®

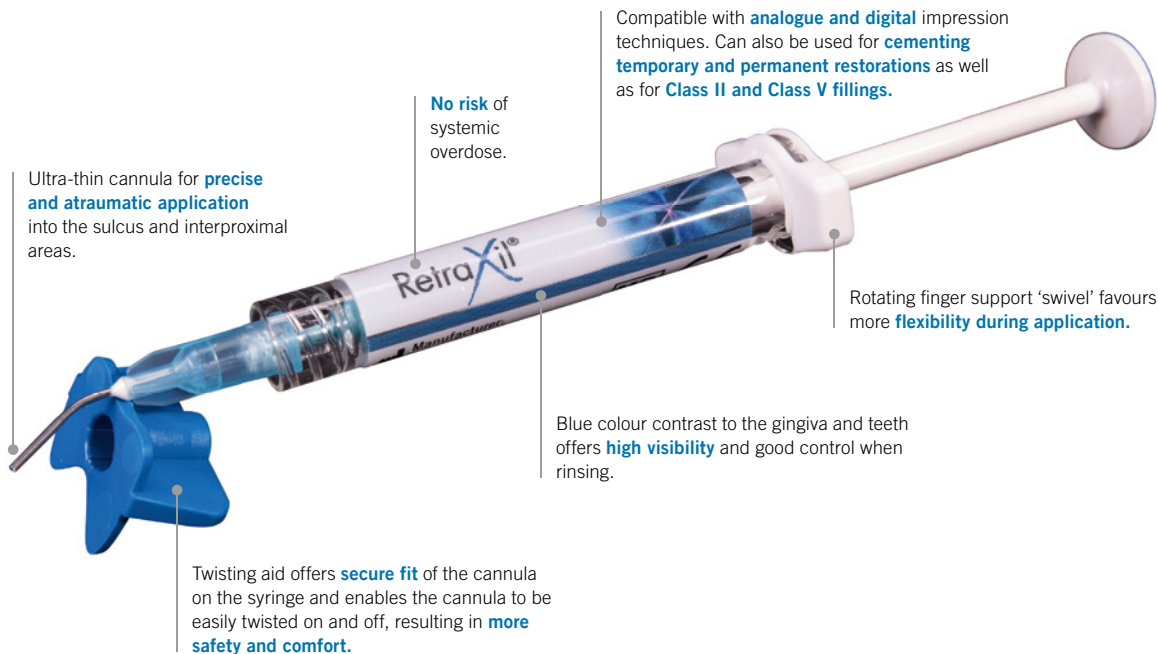
FAQs

RetraXil Frequently Asked Questions

Giving a hand to oral health.



KULZER
MITSUI CHEMICALS GROUP



Application

For which indications can RetraXil be used?

RetraXil is an astringent retraction paste. Within the scope of soft tissue management, the paste can be used for temporary displacement of the marginal gingiva and drying of the gingival sulcus during conventional or digital impression taking, cementation of temporary and definitive restorations, and creation of Class II and V fillings.

When must RetraXil not be used?

The use of this product is contraindicated in cases of known or suspected allergies to components of the product. In the event of periodontal disease, furcation exposure or exposed bone, RetraXil must not be used either.

What is the reason for the haemostatic effect of RetraXil?

RetraXil contains 15% aluminium chloride, which – additionally to the main effect of widening the sulcus – ensures a haemostatic effect. Aluminium chloride causes precipitation of proteins and thus sealing of wounded capillaries.*

How long may RetraXil remain in the sulcus and why must it be rinsed off without residue?

After application of RetraXil, the paste remains in the sulcus for two minutes. It must be removed completely then with a water-air mixture and suction device without any residue. A significant longer exposure time must be avoided, as the aluminium chloride content in the paste can then lead to tissue damage.

Is RetraXil compatible with cords?

Yes, RetraXil is compatible with cords. Depending on the clinical situation and the practitioner's preference, deep subgingival preparation margins may require a cord in combination with RetraXil. Make sure that you use an unimpregnated cord to exclude any potential interactions. Place the cord first and apply RetraXil afterwards, not in reversed order. Make sure that RetraXil is completely rinsed off after the specified 2 minutes and that no residual material remains in the sulcus. Remove the cord and ensure that the sulcus and tooth is cleaned and dried before impression taking.

What is the effect of RetraXil on adhesive bonds?

Always keep in mind that retraction pastes can impair the adhesive bond strength of dentine-bonding agents. In accordance with the instructions for use (IFU), the following must always be observed: Do not use on prepared tooth surface – RetraXil may reduce the adhesive bond of dentin adhesives.

RetraXil contains pigments – will it stain the tooth/restoration?

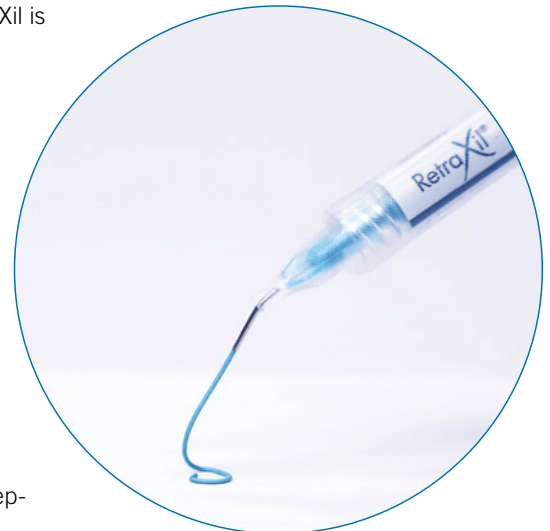
RetraXil contains a blue pigment. The pigment concentration has been perfectly adjusted so that no discoloration is to be expected on teeth or restorations, provided that RetraXil is used according to the IFU and that the exposure time of 2 minutes is followed.

Is RetraXil compatible with impression materials?

RetraXil is compatible with impression materials (A- and C-Silicones as well as Polyether), but always ensure that all paste residues are thoroughly rinsed off after the exposure time of 2 minutes. If RetraXil is not rinsed out of the mouth sufficiently, it can negatively affect the quality of the impression.

When should RetraXil be used during the correction impression technique?

The application of RetraXil in a correction impression is ideally done after the initial impression has been taken and cut out. This ensures that the correction material can flow into the freshly opened and dry sulcus, and fully captures the preparation margins.



Delivery system

Is RetraXil intended for multiple use?

RetraXil is supplied in a syringe and suitable for multiple use (unlike single-use capsules). For information about the sterilisation/disinfection process, please follow the instructions for use (IFU). Due to its innovative dosage form, RetraXil lies excellently in the hand and can be comfortably handled and applied into the sulcus. The syringe is also sufficient for larger preparations and allows an orderly storage.

What is the purpose of the “twisting aid”?

The twisting aid ensures a reliable fit of the cannula on the syringe and allows a comfortable twisting on and off of the cannula without aching fingers. Also, it serves as a standing aid for the syringe. The twisting aid is sterilisable.

What are the advantages of the “rotating finger support”?

The rotating finger support offers more convenience during application. It ensures a secure hold of the syringe in the hand during application and avoids the need for the dentist to grip around the syringe during application, as the finger rest can be rotated.

Can RetraXil be used with other cannulas?

RetraXil is a perfectly matched system and should be used as such. Only the system – including the supplied cannulas – has approval as a medical device. The matching packaging system ensures the desired performance of the product when applying RetraXil into the sulcus. In addition, RetraXil's ultra-thin cannula has the thinnest inner diameter (0.9 mm) among competitors' cannulas and thus allows for an atraumatic insertion (application) into the gingival sulcus.

Sources:

* Maischberger C, Stawarczyk B, Hajmasy A, Liebermann A. Hemostatic gingival retraction agents and their impact on prosthodontic treatment steps: A narrative review. *Quintessence international* (Berlin, Germany). 2018. 49. 719-732. 10.3290/j.qi.a41010.

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