GARRY

INSTRUCTIONS FOR USE • EN

Sapphire Blade

Recipient-site instrument for creating micro-channels in hair transplantation.

- Reusable
- Supplied non-sterile
- Steam sterilization at 134 °C



SAPPHIRE BLADE
SF SERIES

01

Device identification

PRODUCT FAMILY	ORDER CODE SERIES	SIZES	SUPPLY STATE
Sapphire Blade	SF series	Width 1.1, 1.2, 1.3, 1.4, 1.5, 1.6 and 1.7 mm; blade length 4.0, 4.5, 5.0 and 5.5 mm; 28 order codes	Reusable; supplied non-sterile

Each blade is supplied non-sterile in protective single-blade packaging, with 10 blades per box. Confirm the blade width and length against the order code and verify holder compatibility before use. Every size and its order code is listed in section 02.

Material: sapphire crystal, with a V-shaped tip for micro-channel creation.

02

Sizes and order codes

Each size is one order code. The rows are blade widths and the columns are blade lengths.

BLADE WIDTH	BLADE LENGTH 4.0 mm	4.5 mm	5.0 mm	5.5 mm
1.1 mm	SF-110-40	SF-110-45	SF-110-50	SF-110-55
1.2 mm	SF-120-40	SF-120-45	SF-120-50	SF-120-55
1.3 mm	SF-130-40	SF-130-45	SF-130-50	SF-130-55
1.4 mm	SF-140-40	SF-140-45	SF-140-50	SF-140-55
1.5 mm	SF-150-40	SF-150-45	SF-150-50	SF-150-55
1.6 mm	SF-160-40	SF-160-45	SF-160-50	SF-160-55
1.7 mm	SF-170-40	SF-170-45	SF-170-50	SF-170-55

EXAMPLE

SF – **110** – **40**

Order code series

Blade width
1.1 mm

Blade length
4.0 mm

In an SF code, the first numeric group gives the blade width in hundredths of a millimetre and the final group gives the blade length in tenths of a millimetre. For example, SF-110-40 is 1.1 mm wide and 4.0 mm long. Confirm the exact code against the product label before use.

03

Intended purpose

The GARRY Sapphire Blade is a recipient-site instrument intended to create micro-channels for placement of hair grafts during hair transplantation. It is used during the channel-opening stage of a procedure when the clinical plan uses pre-made recipient channels.

The blade is used with a compatible blade holder. The holder controls the exposed blade depth; the surgeon determines the channel plan and technique for each patient.

04

Intended users

For use by qualified hair-transplantation clinicians trained in recipient-site incision techniques, sterile practice and the compatible blade holder. The instrument does not replace clinical training or the clinician's judgment about patient-specific sizing and technique.

05

Warnings and precautions

- ⚠ The instrument is supplied non-sterile. Clean and steam-sterilize it before first use and between every patient use.
- ⚠ The V-shaped cutting tip is sharp. Handle the blade by its mount only and keep the cutting edge away from hands.
- ⚠ Sapphire crystal is hard but brittle. Avoid dropping, striking, bending or applying sideways force to the blade.
- ⚠ Keep the cutting edge away from metal instruments, hard trays and other hard surfaces during use, cleaning, sterilization, transport and storage.
- ⚠ Use only a blade holder confirmed compatible with the selected blade. Secure it according to the holder manufacturer's instructions before use.
- ⚠ Inspect the tip under magnification before every use. Do not use a chipped, cracked or otherwise damaged blade. Remove it from service; do not re-sharpen, refurbish or modify it.

06

Instructions for use

1. Check the order code, width and blade length. Confirm that the blade is clean, dry, sterilized and undamaged. The blade is supplied non-sterile and must be reprocessed before first use.
2. Handle the blade by its mount only. Install it in a compatible blade holder following the holder instructions, and confirm that it is securely seated. Set the exposed depth according to the holder instructions and the approved clinical plan.
3. The qualified clinician selects the blade width and length based on the graft profile and recipient-site plan, then creates recipient channels using the clinic's approved technique. Do not pry, twist or apply lateral force to the blade.
4. After use, remove the blade according to the holder instructions. Handle it as contaminated and sharp, protect the tip from contact with hard surfaces and begin reprocessing promptly.

07

Cleaning and reprocessing

Clean the blade promptly after use using a validated manual immersion and fluid-flow process. Follow the detergent and facility instructions. Protect the brittle cutting edge throughout cleaning; do not wipe or scrub across it.

1. At point of use, remove the blade from the holder as directed by the holder instructions. Handle by the mount and rinse promptly so blood or tissue residue does not dry on the blade.
2. Clean by immersion using a neutral-pH detergent suitable for the instrument. Follow the detergent instructions for dilution, water temperature and contact time. Avoid prolonged contact with saline or chlorine-based agents.
3. Allow cleaning fluid to flow around all blade surfaces. Do not wipe or scrub the cutting edge, and do not allow the edge to contact metal or hard surfaces. Do not use an ultrasonic cleaner or washer-disinfector unless Garry Medical has confirmed it in writing for this blade.
4. Rinse thoroughly using the facility's validated water-quality process. Inspect the blade under magnification for residue or damage. Repeat cleaning if residue remains; remove the blade from service if damage is found.
5. Dry the blade completely. Place it in a protective case or validated sterilization tray that keeps the cutting edge away from metal and other hard surfaces.

08

Sterilization

134 °C
STEAM STERILIZATION

The blade is supplied non-sterile. After cleaning, steam-sterilize it at 134 °C before first use and between uses. Keep the cutting edge protected from contact with metal or hard surfaces during the cycle; use a protective case or dedicated tray.

Use a validated sterilization cycle and set exposure and drying times according to the sterilizer manufacturer's instructions and the facility's validated process for the blade and its packaging. Use a prevacuum cycle where supported by the validated facility process, and follow cycle monitoring and release procedures.

09

Inspection, storage and end of service life

Inspect the cutting edge under magnification before every use. The reusable blade is designed for up to 30,000 channel openings; remove it from service earlier if the tip is chipped, cracked or otherwise damaged, or if the holder fit is insecure. Do not re-sharpen or refurbish it.

After sterilization, keep the blade in the validated sterile barrier or container until use. Store it in a protective case or tray so the edge cannot contact metal or hard surfaces. Dispose of a damaged or retired sharp instrument according to the facility's sharps and contaminated-waste procedures.

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Questions and incident reporting

Questions about use or reprocessing that these instructions do not cover are answered in writing by Garry Medical. Write to info@garrymedical.com and name the order code.

Report any serious incident that has occurred in relation to the instrument to Garry Medical and to the competent authority of the country in which the user is established.

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Brand and company information

BRAND	Garry
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GARRY

Precision instruments for hair transplantation

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