leading regeneration

Geistlich

Smart partners for your regenerative treatments

Oral surgery instruments by META Technologies S.r.l.

Safescraper Twist

The gold standard in intraoral bone harvesting

Safescraper Twist provides a quick and accurate method to obtain ideal autologous cortical bone for grafts in any type of dental defects.

Optimized cutting performance

The exclusive cutting performance of the semicircular blade allows cortical shavings to be collected, while preserving high cell vitality, which is essential for graft integration.

Quick, safe, and effective

- **Ready to use:** Disposable, individually packaged, 3 years of sterility
- **Minimally invasive:** Manual harvesting is non-traumatic and well tolerated by patient
- **Versatile:** Harvesting from various intraoral cortical sites, including close to the defect area
- **Flexible:** Suitable for both minor and extensive regenerative procedures
- **High cell vitality:** The harvesting technique ensures viable bone particulate rich in functional osteocytes, maintaining the biological potential required for graft integration[1-3]
- **Ideal morphology:** Elongated and convoluted shaving of a mean length of 1.3 mm and thickness between 150 and 250 µm[4]

The bone collected is already combined with blood and ready to be positioned in the defect, or it can be temporarily maintained in aseptic conditions in the transparent chamber during the procedure.

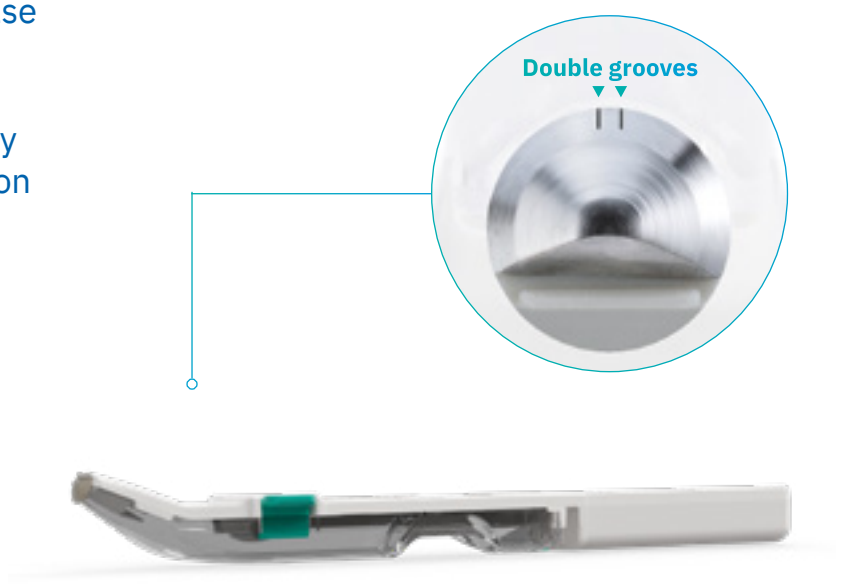
Ref.-Nr.	Product	Description
Ref. 5530	Safescraper Twist Curve	3 disposable units, chamber capacity: 2.5 cc
Ref. 5532	Safescraper Twist Straight	3 disposable units, chamber capacity: 3 cc

Safescraper Twist Curve Volumizer

Extra volume version

Experience the trusted features of the Safescraper Twist, with a 20% increase in collected bone volume.[4]

- Developed from the longstanding experience of the Safescraper family
- Enables rapid and accurate collection of autologous cortical bone



Autologous bone is a precious asset in alveolar ridge augmentation. Collecting enough can be a challenge, especially for large augmentation procedures. Sometimes, even resorting to extraoral surgery sites is necessary, which can cause additional discomfort for the patient.

Redesigned blade

- Double grooves in the blade allow for three collecting surfaces
- Cutting performance reduces patient discomfort
- Blade has a cutting range of 160° (just like the whole Safescraper family)
- Works on plane, concave and convex surfaces[4]

Collected bone already contains blood and is ready to use

Image: Courtesy of Dr. Luca De Stavola

Established benefits

The Volumizer continues to provide the established benefits of the Safescraper Twist Curve:

- Ergonomic curved body easier for surgeons to use[4]
- Devices are disposable and come ready to use in single sterile packages
- Presence of many viable osteocytes in harvested bone[1,2]
- Promotes graft acceptance, neovascularization and bone regeneration[1-3]

Ref.-Nr.	Product	Description
Ref. 5535	Safescraper Twist Curve Volumizer	3 disposable units, chamber capacity: 2.5 cc

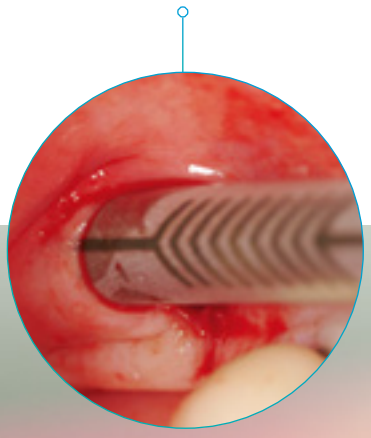
Micross

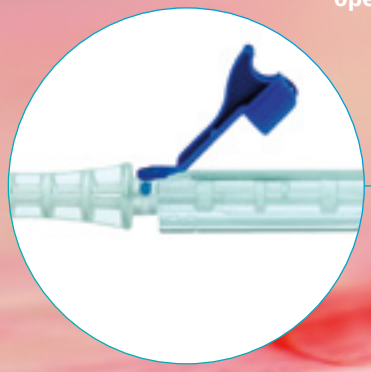
Making bone harvesting a handy procedure

Micross
is a minimally invasive single-use device for manual cortical bone harvesting. With its special shape and just 5 mm in diameter, it is designed for a minimally invasive approach and is easy to use even in narrow areas.[4]

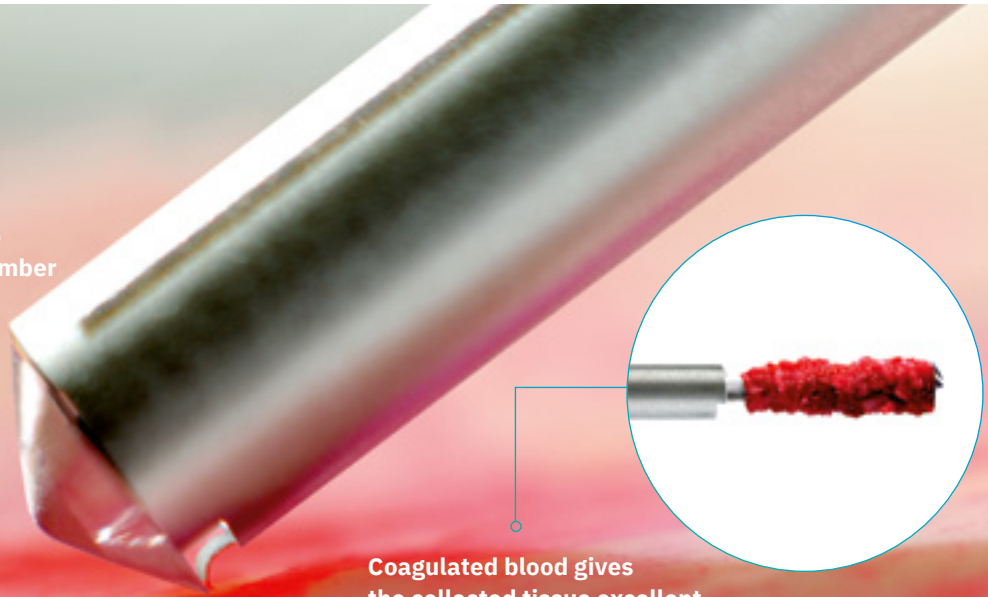
Minimally invasive harvesting technique

Micross is a bone harvesting device specifically designed for surgical techniques that minimize post-operative discomfort.





Unlock to open chamber



Coagulated blood gives the collected tissue excellent biological plasticity.

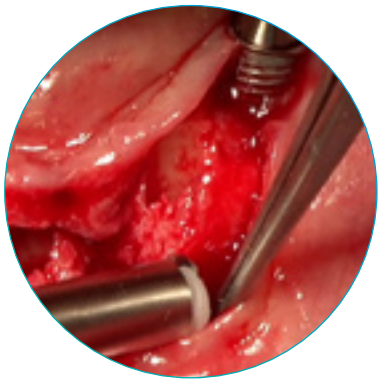
The exclusive microblade facilitates an excellent cutting performance, making the collection of autologous bone shavings easy. Collect only the bone that is strictly necessary for the defect and minimize invasiveness for your patients.

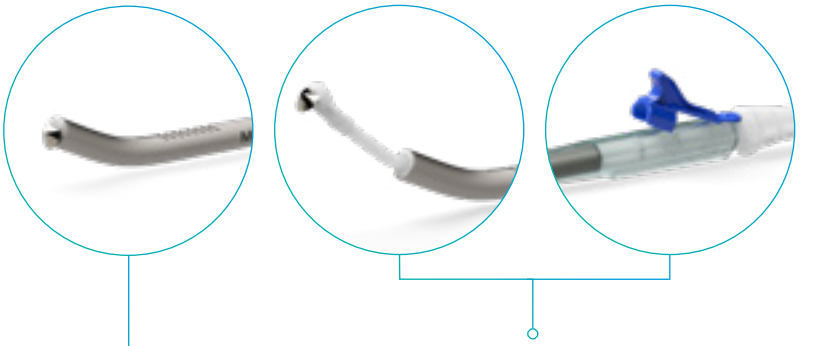
Ref.-Nr.	Product	Description
Ref. 5540	Micross	1 disposable unit, chamber capacity: 0.25 cc

Micross Curve

Access even hard-to-reach areas

Micross Curve represents the next evolution in the Micross family, making minimally invasive bone harvesting even easier.



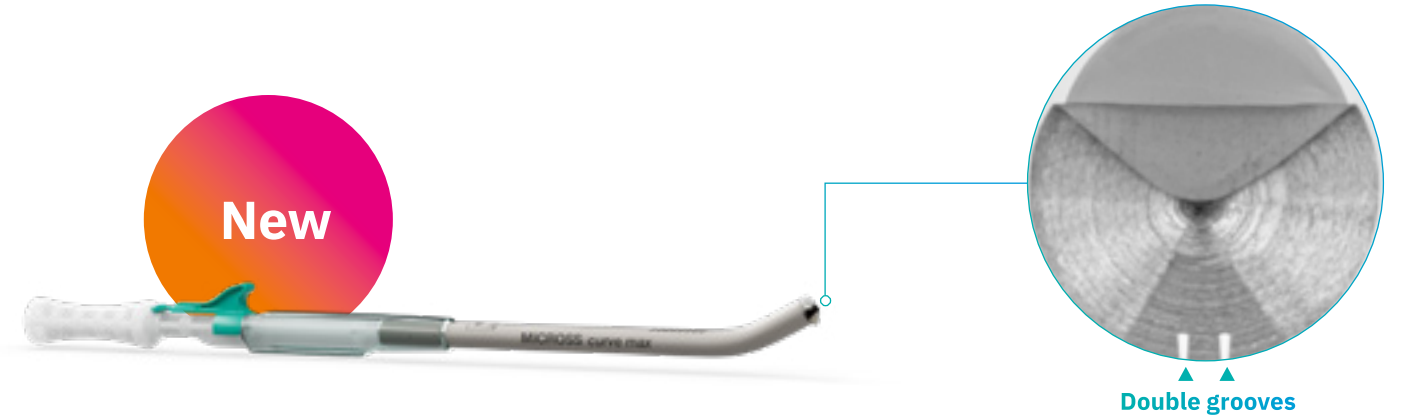


Minimize discomfort with extra access

The Micross Curve builds on the principle of the Micross. Just like the Micross, it was developed for minimally invasive techniques. Thanks to the curved design, it is even easier to use in hard-to-reach areas.[4] Collect only the bone that is absolutely needed and reduce invasiveness – your patients will love it.

New 27° curvature...
The Micross Curve ergonomical design allows the user to easily reach retromandibular, palatal and other challenging areas.

...same easy retrieval
You can enjoy the design advantages of the Micross Curve without worrying about how to retrieve the bone shavings. The chamber opens the same way as for the Micross, simply by opening the blue lock and pushing the chamber forwards.



Micross Curve Max
makes minimally invasive bone harvesting more efficient compared to the classic Micross. Featuring the patented blade style known from the Volumizer series, it collects 20% more bone volume, helping you work faster while minimizing the required donor site area.[4]

Increased bone surface area

The dual-groove blade design divides the harvested bone into smaller fragments, maximizing their specific surface. This increases bone formation by promoting efficient osteogenic factor release and enhancing the available surface for cellular adhesion.[5,6]

Ref.-Nr.	Product	Description
Ref. 5542	Micross Curve	1 disposable unit, chamber capacity: 0.25 cc
Ref. 5605	Micross Curve Max	1 disposable unit, chamber capacity: 0.25 cc

Geistlich

META

Geistlich takes pride in the quality and safety of our products. Strict manufacturing processes and rigorous testing ensure that all Geistlich products exceed expectations and meet established regulatory requirements.

Excellent synergy: joint usage of META instruments and Geistlich biomaterials

Geistlich Bio-Oss®
Stable scaffold for new bone.[7-10] The slow resorption of Geistlich Bio-Oss® increases the stability of the augmentation material[11] – the best prerequisite for long-term implant survival rates.[12]

Geistlich Bio-Gide®
Stabilizes the grafted area, protecting bone particles from dislocation.[13] The natural collagen structure allows homogeneous vascularization and permits prompt and optimal tissue integration and wound stabilization.[14] The combination of flexibility, good adhesion, and tear resistance contribute to easy handling, in turn saving time, and simplifying the surgical procedure.[15]

More details about our distribution partners:
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