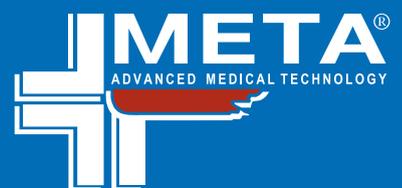
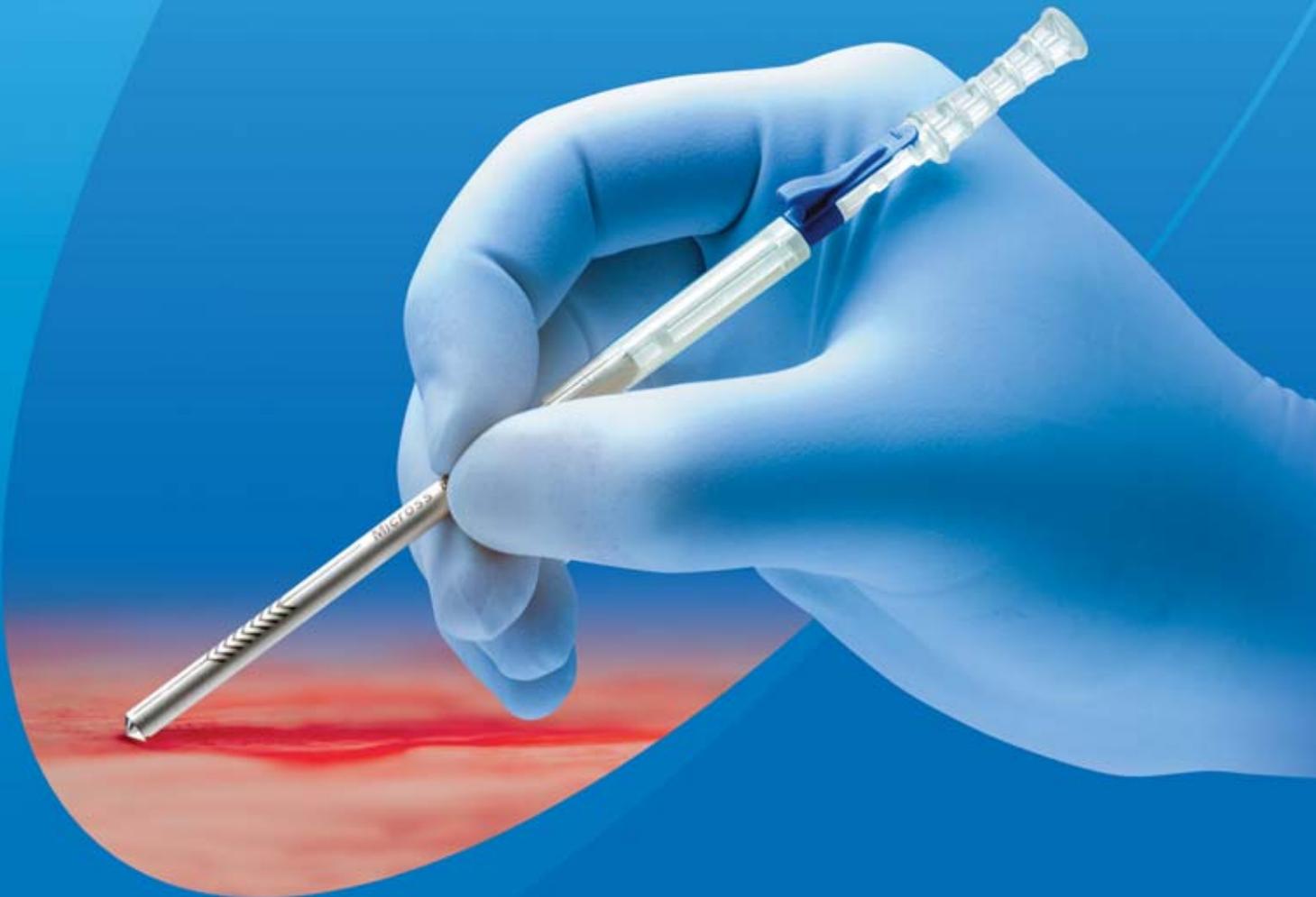


# Micross

Minimally Invasive Cortical Bone Collector



The experience **META** has acquired in developing bone harvesting systems - **Safescraper**<sup>®</sup> - has allowed the realization of Micross: a throwaway **minimally invasive disposable device** indicated in case of manual **cortical bone harvesting**. The **excellent cutting performance**, due to **Micross** exclusive **micro-blade**, allows an **easy autologous collection** even in narrow and hard to reach areas, near to the bone defect. The **manual** harvesting technique warrants the best **preservation of cell vitality** of the cortical tissue, a fundamental characteristic that allows the best **graft integration** and **reduces reabsorption activity**.

## CLINICAL APPLICATION

**Micross** allows the harvest of the strictly necessary measure of bone tissue for the treatment of minor **periodontal** and **peri-implant defects**, permitting to avoid the use of bone substitutes

### Periodontal defect



### Peri-implant defect



### Post-extraction defect



Clinical cases courtesy of Dr. F. D'Avenia (Italy)

# Micross



By using **Micross** the bone tissue is directly collected in the chamber inside the cannula and it gets an **excellent biological plasticity**, due to the presence of coagulated blood.

The **volumizing effect**, due to the **curly morphology** of the collection, reduces the quantity of bone needed to fill the defect and as a consequence it minimizes invasiveness for the patient.



Chamber capacity 0.25cc

### Advantages of the disposable semicircular blade



- Maximum cutting efficiency
- Collects cortical bone shavings of appropriate size and thickness for the graft integration
- Excellent control during the harvesting procedure
- Effective on any bone surface (plane, concave, convex)
- No contamination due to the wear of the device

### The only instrument for the Tunnel harvesting technique



**Micross** is the only bone harvesting device specifically studied for tunnel surgical techniques that minimize post-operation discomfort.

The external diameter of the cannula is  $\varnothing$  5mm and due to its particular shape the instrument can be inserted in tissue tunnels in the intraoral area as the external oblique line, the cortical palatine and the zygomatic process.

Ref.	Description	Q.ty
4049	MICROSS	1 Pz.

CE  
0123

Micross is a throwaway device, in a sterile single pack. Sterility is guaranteed for 3 years if the package is undamaged.

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