

ESACROM R&D DEPT.

PRESENTS

V **TERINARIAN**

HYGIENE KIT

by Dr. Francesco Paesano



17/02/2026

PIEZOELECTRIC KIT FOR PERIODONTAL TREATMENT AND WOUND DEBRIDEMENT

Precision, selectivity and minimal tissue trauma for modern veterinary medicine

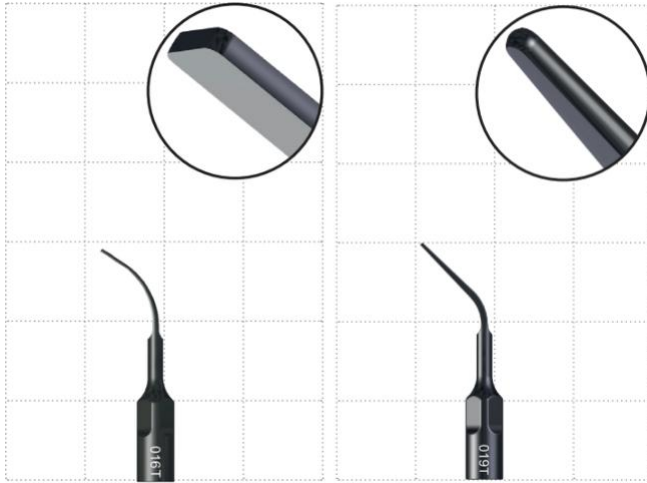
The Piezoelectric Kit for Periodontal Treatment and Wound Debridement has been designed to provide veterinary clinicians with a complete, versatile and biologically advanced solution for the management of periodontal disease, regenerative periodontal surgery, and chronic infected wounds.

Based on ultrasonic piezoelectric technology, this kit allows selective action on mineralized and necrotic tissues, preserving healthy soft tissues and promoting faster, more predictable and biologically respectful healing.

Perfect for all types of chronic infect wounds.

- Major burns
- Chronic wounds
- Acoustic wave jet streaming break down and remove only infected tissue

* Ideal for abscesses in rabbit and exotic animals



SUPRAGINGIVAL AND SUBGINGIVAL SCALING

Controlled removal of plaque, calculus and biofilm

Dedicated tips:

- ES016T – Supraringival scaling
- ES018T – Subgingival scaling

The ES016T and ES018T tips allow effective removal of plaque, calculus and bacterial biofilm both above and below the gingival margin, significantly reducing mechanical trauma compared to conventional instruments.

Clinical advantages:

- * Selective action on mineralized tissues
- * Reduced intraoperative bleeding
- * Improved surgical field visibility

Periodontology



Scaling

Supragingival: ES016T

Subgingival: ES018T

Code
ES016T

U	08
V	00
P	100
MAX POWER	30

Periodontology



Scaling

Supragingival: ES016T

Subgingival: ES018T

Code	
ES018T	

U	08
V	00
P	100
MAX POWER	30



ROOT PLANING AND PERIODONTAL SURGERY

The first step for successful Guided Tissue
Regeneration (GTR)

Dedicated tips:

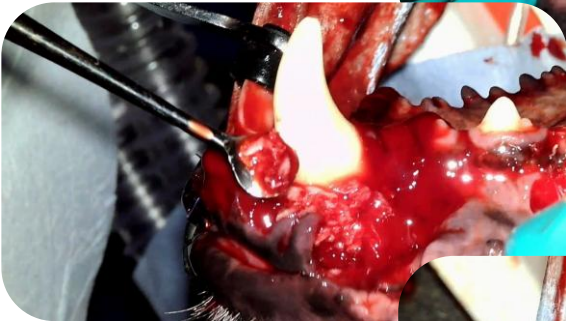
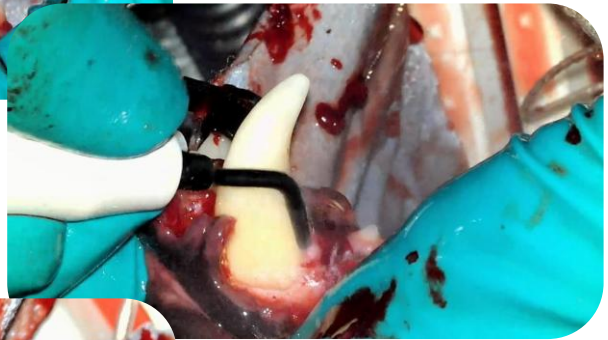
- ES012CT
- ES052CT

Root planing is the first and most critical step in both non-surgical and surgical periodontal therapy and represents the essential biological foundation for the success of any Guided Tissue Regeneration (GTR) procedure.

Several studies have shown that piezoelectric-assisted root planing is superior to traditional manual instruments, such as curettes, which tend to leave grooves and irregularities on the root cementum surface, promoting plaque adhesion and bacterial recolonization.

The piezoelectric tips 12CT and 52CT allow precise and controlled root surface smoothing, effectively removing infected cementum, biofilm and bacterial residues without causing iatrogenic damage to the tooth.

Periodontology



Clinical and biological benefits

- Clean, biologically compatible root surfaces
- Reduction of periodontal inflammation
- Improved soft tissue attachment
- Optimal conditions for guided tissue regeneration

Integration with Bone Grafting

Piezoelectric periodontal surgery integrates perfectly with the use of bone grafts, including autologous bone grafts, which can be harvested directly from the patient using piezoelectric technology with the ES01T insert.

This combined approach allows:

- Atraumatic harvesting of vital bone
- Improved graft integration
- Optimization of regenerative outcomes



ULTRASONIC WOUND DEBRIDEMENT

Selective treatment of any type of chronic infected wound

Dedicated tips:

- ES020XT
- ES007ST

Ultrasonic wound debridement is an advanced and highly effective technique for the treatment of any type of chronic infected wound, not limited to the oral cavity and applicable to different anatomical sites.

By exploiting the combined biological effects of ultrasound and cavitation, this method selectively removes necrotic tissue, fibrin and bacterial load while preserving healthy tissue and vital granulation.

Clinical indications:

- Chronic infected wounds (pic 3)
- Contaminated skin and subcutaneous lesions
- Osteomyelitis (pic 1)
- Complicated surgical wounds (pic 2)
- Postoperative treatments, often without general anesthesia

Key advantages:

- Bactericidal and antibiofilm effect
- Reduction of exudate
- Stimulation of angiogenesis
- Faster healing times
- Pain reduction and improved patient tolerance

Code	
ES020XT	

U	25
V	40
P	100
MAX POWER	30

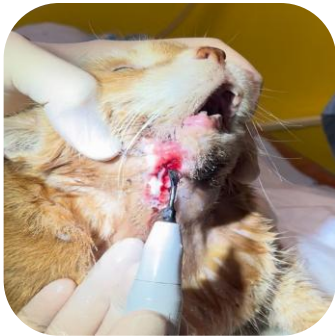
Code	
ES007ST	

U	25
V	40
P	100
MAX POWER	30

** courtesy of Dr. Matteo Poli



PIC1**



PIC2**



PIC3**



ONE KIT – MULTIPLE APPLICATIONS



A single set of inserts for:

- Advanced periodontal prophylaxis
- Regenerative periodontal surgery
- Guided Tissue Regeneration with bone grafts
- Autologous bone harvesting (with ES001T already in the Oral surgery kit)
- Treatment of chronic infected wounds

A minimally invasive, biologically driven and scientifically validated approach.

DISCOVER OUR ULTRASONIC WORLD!

Follow us on     @esacromsrl

On our social profiles you will find continuous updates
on #Esacrom training,
Take part in our exclusive courses and events to find out more!

For further information please contact:

Esacrom srl

Via Zambrini 6/A-40026 IMOLA(BO)

TEL. +390542643527 FAX +390542482007 esacrom@esacrom.com

CE 0051

