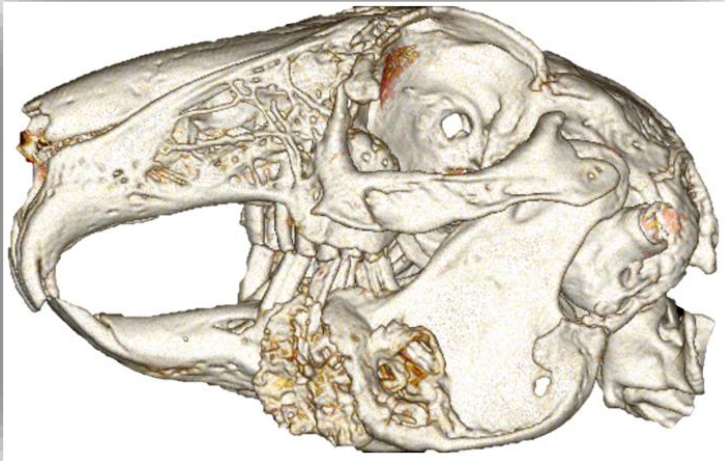


ADVANCED ORO-MAXILLO-FACIAL SURGERY IN RABBITS

(Piezoelectric Surgery & Ultrasonic Wound Debridement)

Practical International Seminar



31 october - 01 november 2026

Clinica Veterinaria La Meridiana

Maclodio (Brescia), Italy

SCIENTIFIC INTRODUCTION

The advent of piezoelectric surgery has profoundly transformed the paradigm of mineralized tissue surgery. Based on ultrasonic micro-oscillations, this technology enables selective cutting of bone while preserving soft tissues, minimizing intraoperative bleeding, preventing thermal necrosis, and promoting faster healing. In rabbit maxillo-facial surgery, where bone fragility, limited surgical fields, dense caseous pus, and proximity to critical neurovascular structures significantly increase surgical risk, piezoelectric instrumentation represents a major advancement.

In this species, traditional rotary instruments may increase the risk of iatrogenic mandibular fractures, damage to the infraorbital nerve, or trauma to the retrobulbar venous sinus. The piezoelectric technique allows controlled osteotomies with minimal applied pressure, offering superior intraoperative control and enhanced safety in complex procedures such as extraoral cheek teeth extraction, osteomyelitis management, tympanic bulla osteotomy, and advanced abscess surgery. Furthermore, ultrasonic wound debridement (UWD) plays a crucial role in postoperative management of infected tissues. Through cavitation and selective removal of necrotic tissue, ultrasonic debridement enhances antibacterial activity, reduces biofilm load, decreases exudate, and significantly shortens healing time, often without the need for general anesthesia. This minimally invasive adjunct is particularly valuable in rabbits affected by chronic abscessation and osteomyelitis.

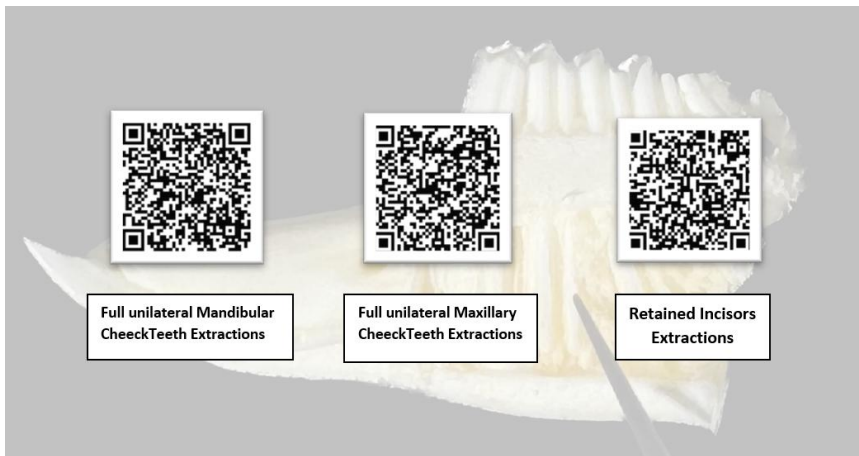
This experience will allow the student to enrich his knowledge and perfect the way of treatment clinical cases with a latest generation tool, guaranteeing a tangible impact on daily work.

Paesano, F., & Laganà, T. (2025). Piezoelectric Surgery and Oral Cavity Disorders in Small Mammals. *Veterinary Clinics of North America: Exotic Animal Practice*. <https://doi.org/10.1016/j.cvex.2025.04.005>

COURSE HIGHLIGHTS

Advanced imaging interpretation (CT / CBCT) for precise surgical planning

- Management of Acquired Dental Disease (ADD)
- Extraoral cheek teeth extractions (maxillary & mandibular)
- Surgical extraction of maxillary and mandibular incisors
- Management of odontogenic abscesses and osteomyelitis
- Tympanic bulla osteotomy for middle ear disease
- Application of Ultrasonic Wound Debridement in postoperative care
- Perioperative planning and complication management



COURSE DIRECTOR & SPEAKER



Dr. Francesco Paesano, DVM, GPCert (SADen&OS); Veterinary surgeon exclusively dedicated to veterinary dentistry and oral and maxillofacial surgery in small animals and exotic species. He performs advanced clinical and surgical referral work in veterinary clinics in Italy and is an international lecturer and instructor in theoretical and hands-on courses in oral and maxillofacial surgery. In collaboration with **Esacrom**, he developed the world's first piezoelectric insert kit specifically designed for oral and maxillofacial surgery in dogs, cats, and rabbits and introduced surgical techniques such as the **Piezoelectric Extraction Technique**. He is the author of scientific publications in the field of veterinary dentistry.

TUTORS



Dr. Davide Bellotti graduated in Veterinary Medicine in 2006 at University of Parma, in 2008, he moved to the United Kingdom, working as a general practitioner at Chantly Vets Ltd, beginning his specialization in dentistry. He has owned "La Meridiana" Veterinary Clinic since 2011. In 2018, he participated in the "Personal Training" program at the Norwegian Veterinary Institute with Dr. Gracis (Dipl. AVDC, Dipl. EVDC). In 2022, he completed the GPCert (SADen&OS) in dentistry and oral surgery. Since 2023, he has worked as a freelance dentist in the province of Brescia, and since 2022 is the Medical Director of the "Il Mio Veterinario" clinics.



Dr. Tiziana Laganà DVM, GPCert (ExAP), GPAdvCert (SMP). She works at Clinica Veterinaria Borghesiana (Rome) and collaborates with the ESOVET team since 2021. She attended advanced training in rabbit and small mammal dentistry and orofacial surgery with Dr. Capello (2018) and Dr. Jekl and Dr. Yakub (2024). Co-author, with Dr. Francesco Paesano, of the article "Piezoelectric Surgery and Oral Cavity Disorders in Small Mammals" published in Veterinary Clinics of North America Exotic Animal Practice, is a member of SIVAE and SIODOCOV and is currently enrolled in the PGCert in Dentistry and Oral Surgery (IFEVET).

PROGRAM: Saturday 31.10.26

THEORY SESSION

08:30 – 09:00

Registration and Welcome Coffee

09:00 – 10:00

Principles of Piezoelectric Surgery in Maxillofacial Procedures

- Physics of ultrasonic bone cutting
- Selective cutting of mineralized tissues
- Advantages over hand tools & rotary instruments
- Prevention of iatrogenic trauma

10:00 – 11:00

Advanced Diagnostic Imaging for Surgical Planning

- CT / CBCT interpretation
- 3D reconstruction
- Identification of surgical landmarks
- Pre-operative planning strategies

11:00 – 11:30

Coffee Break

11:30 – 12:30

Extraoral Extraction of Rabbit Incisors

- Surgical anatomy
- Piezo-assisted osteoplasty
- Step-by-step surgical technique

12:30 – 13:30

Extraoral Extraction of Mandibular Cheek Teeth

- Mandibular surgical approach
- Access techniques
- Prevention of mandibular fractures

13:30 – 14:30

Lunch Break

HANDS-ON WET LAB – SESSION 1

Participants will perform piezo-assisted osteotomies, incisor extractions, mandibular and maxillary extraoral approaches, tympanic bulla osteotomy simulations, and ultrasonic.

14:30 – 18:30

Practical training including:

- Piezoelectric osteotomies
- Extraoral extraction of maxillary and mandibular incisors
- Extraoral extraction of mandibular cheek teeth
- Surgical access techniques and bone management

**** Dinner ****



PROGRAM: Sunday 01.11.26

THEORY SESSION

09:00 – 10:30

Extraoral Extraction of Maxillary Cheek Teeth

- Surgical anatomy of the maxilla
- Infraorbital canal considerations
- Zygomatic arch osteotomy
- Step-by-step surgical protocol

10:30 – 11:00

Coffee Break

11:00 – 12:00

Middle Ear Surgery in Rabbits

- Diagnosis of middle ear disease
- Tympanic bulla osteotomy

12:00 – 12:30

Management of Odontogenic Abscesses & Osteomyelitis

- Surgical approaches
- Curettage and marsupialization
- Bone graft considerations
- Ultrasonic Wound Debridement protocols

12:30 – 13:30

Lunch Break

HANDS-ON WET LAB – SESSION 2

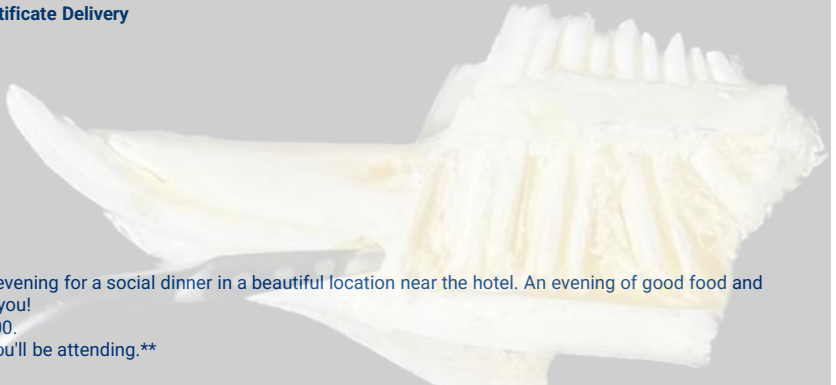
13:30 – 18:00

Advanced practical training including:

- Extraoral extraction of maxillary cheek teeth
- Surgical management of odontogenic abscesses
- Tympanic bulla osteotomy simulation
- Ultrasonic wound debridement techniques

18:00 – 18:30

Final Discussion & Certificate Delivery



****Join us on Saturday evening for a social dinner in a beautiful location near the hotel. An evening of good food and great company awaits you!**

Participation fee: €50.00.

Please let us know if you'll be attending.**

GENERAL INFORMATIONS

Course location:

Clinica La Meridiana

Via Torre Calini Carabbiolo, 1 - 25030 Maclodio BS

Tel. +39 030 978 0153

Participation:

the fee of € 1.200,00 to be paid according to the instructions, includes participation in the course (as per the programme), use of all fixed and mobile structures and equipment made available by the organisation, light lunch and certificate of participation.

Payment method:

Please make a bank transfer to

ESACROM Srl,

Banca di credito cooperativo della Romagna Occidentale - Filiale di Imola Levante

IBAN IT18 T084 6221 003 00000 5002471

Bank Account nr. 500247

Cancellation policy:

- for cancellations received before 60 days from the start of the course, the entire fee will be refunded less an administrative cost of 15%.
- for cancellations received later, if the non-participation is replaced by another participant on the waiting list, the entire fee minus 15% will be refunded; otherwise, the entire fee will be retained.
- No registration will be considered accepted unless accompanied by the entire participation fee.

Course cancellation conditions:

The course will take place only upon reaching the minimum quota of 6 (six) participants and will expire on 05.10.26 ; beyond this date, the Secretariat will be responsible for communicating the negative outcome and the mandatory refund of the participation fee paid.

The official language of the Course is English.

Contacts for information and memberships:

Esacrom srl (Imola)

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Mrs. Sara Patuelli

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Tel. + 39 334 6477837

Tel. +39 334 7038752

Email esacrom@esacrom.com

Email international@esacrom.com

Email medical@esacrom.com

Due to the high validity and seriousness of the Course, we ask participants to respect the times and rules of the same.

TRAVEL AND ACCOMODATION

Each participant must make their own reservations.

Suggested travel with the following airport stopovers



Airport hub coordinates (Sede del Corso Maclodio (BS): 45.4788° N, 10.0433° E)

- Milano Malpensa (MXP): 45.6247° N, 8.7205° E
- Milano Linate (LIN): 45.4451° N, 9.2767° E
- Bergamo Orio al Serio (BGY): 45.6680° N, 9.7002° E
- Verona Villafranca (VRN): 45.3957° N, 10.8885° E



Approximate distances from Maclodio (Via Torre Calini Carabbio 1)

- Verona Villafranca: ~60 km
- Bergamo Orio al Serio: ~65 km
- Milano Linate: ~90 km
- Milano Malpensa: ~120 km

Suggested HOTEL:



Novotel Brescia 2 (4 **)**

Via Pietro Nenni 22 25124 BRESCIA



CUSTOMER DETAILS

(by mail medical@esacrom.com
by fax +39 0542 482007)

Surname _____

Name _____

Place and birth of date _____

Corporate name _____

Address _____

ZIP Code _____ City _____ Country name _____

Tel. _____ Fax _____ E-mail _____

Corporate address, if different _____

VAT (value added tax) nr. _____

EU INTRACOMUNITARIA VAT*



yes [] not []

* Goods or services sold to another company located in a different EU Member State, the transaction is considered an intra-Community supply. In this case, the transaction is exempt from VAT in the State of origin

Data _____ Signature _____

NOTE:

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The requested data will be entered in our database and may be used to inform you of further training initiatives and, more generally, for communications. We therefore ask you to sign the consent to the processing of your personal data pursuant to GDPR law 679/2016.
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