



ELECTROCHEMOTHERAPY

Effective treatment of cutaneous tumors and margins after surgery



Dogs

Cats

Exotic Pets

Applicable for skin lesions

Squamous cell carcinomas

Melanomas

Mast cell tumors

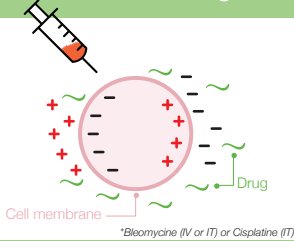
Perianal tumors

Sarcomas...



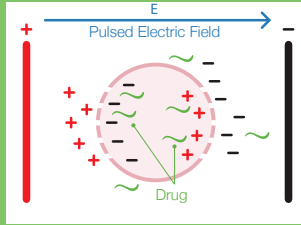
Principles of electrochemotherapy

1 Injection of anticancer drug*



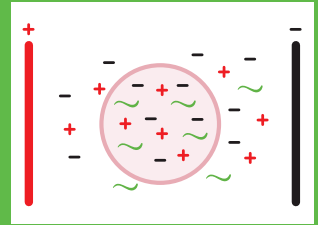
Rapid and significant increase of anticancer drugs in tumor cells

2 Application of electrical pulses



Used on its own, before, during or after surgery or radiotherapy

3 Drugs remain trapped in the cells



Vascular lock in tumor vessels



Electrochemotherapy session

(On average, a 20-minute process)

- 1 General anesthesia ensures the security of the patient and the practitioner
- 2 Injection of chemotherapy
- 3 Application of electrical pulses with ELECTROvet
- 4 Follow up 2 weeks after electrochemotherapy session



More than 280
ELECTROvets sold in
47 countries



More than 40
veterinary schools
use an ELECTROvet



Electroporator
manufacturer
since 2009

95% of DVMs* consider
electrochemotherapy **more effective** than
surgery to treat squamous cell carcinoma

**Survey conducted in December 2020 among 100
veterinarians using ELECTROvet.*

87.9% complete response
on **perianal tumors** at 1 year
(Tozon, 2010)

87.5% complete response
on nodules at 3 years for treatment
of **squamous cell carcinoma** in cats
(Tozon, 2014)

Squamous Cell Carcinoma

Bleomycin IV • L-shape contact electrode

Dr. Anca Cristea

Oncovet Romania
oncovet.ro



Day 0. Before 1st session



Day 7. 7 days after 1st session



Day 14. Before 2nd session



Day 28. After 2nd session

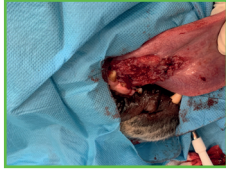
Sublingual Squamous Cell Carcinoma

Bleomycin IV • 15mm needle electrode

Dr. Pascual
de Rojas Zabala

Universidad CEU
Cardenal Herrera
www.uhceu.es

Day 0.
Before 1st session



Day 60.
60 days after 1st session



Squamous Cell Carcinoma

Bleomycin IV • 15mm needle electrode

Dr. Luis Feo

Hospital Ars Veterinaria
arsveterinaria.es



Day 0. Before 1st session



Day 7. 7 days after 1st session



Day 30. After 2nd session



Day 60. After 2nd session
+ surgery

Oral Melanoma

Bleomycin IV • 15mm needle electrode

Dr. Claudia
de la Riva

Oncomascotas
oncomascotas.es



Day 0. Before 1st session



Day 15. 15 days after 1st session



Day 30. After 1st session

Squamous Cell Carcinoma

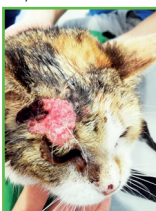
Recurrence, surgically resected twice

Bleomycin IV • L-shape contact electrode

Dr. Orsolya
Juhasz

DUO-VET Kft
duovet.hu

Day 0.
Before 1st session



Day 21. 21 days after 1st session



Day 60.
After 1st session

ELECTROvet EZ 4.0

The most up-to-date device with uniquely advanced features based on 15 years of research, experience, and feedback.

The ELECTROvet EZ remains the easiest machine to perform ECT in your clinic.

Easy-to-use: press pedal both to load generator and deliver pulses - that's it!

Delivers standard electrical protocol
Foot-switch to charge & deliver pulses
Editable parameters
Alt settings button: Activates alternative electrode settings

Intelligent system for evaluation of pulses delivery
file b6g pulses delivered
16 GB USB stick included

CONTACT ELECTRODES



L-shaped contact electrodes

2 L-shaped electrodes
15 mm long
Distance of 10 mm
Autoclavable

219

Included in the starter pack



Plate electrodes

Plate shape contact electrodes
35 mm long
Distance of 8 mm
Autoclavable

229

INVASIVE ELECTRODES



8 x 25 mm needle electrodes

2 rows of 4 needles
Needles Ø 0,68 mm
25 mm long
Distance of 5 mm
Autoclavable

239



8 x 15 mm needle electrodes

2 rows of 4 needles
Needles Ø 0,68 mm
15 mm long
Distance of 5 mm
Autoclavable

239



4 x 10 mm needle electrodes

2 rows of 2 needles
Needles Ø 0,68 mm
10 mm long
Distance of 4 mm
Autoclavable

295



Nasal electrodes

Ø 4mm
2 conductors
20 cm total length
Gas sterilization only

590

Pack of 2 units