

# **The First Dog Treated with Intratumoral Chlorine Dioxide Injection - A New Milestone in Veterinary Oncology**

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One year ago, in May 2024, the world saw the first human case of intratumoral chlorine dioxide injection - a woman with breast cancer who self-administered the treatment at home. Today, on May 10th, 2025, a new milestone was reached: the first dog has now been treated using the same groundbreaking method.

The patient is Pepe, a Podenco - also known as an Ibiza Hound, a breed historically brought to the island by the Phoenicians. Pepe is a sweet and resilient dog, now part of history.

This veterinary procedure took place on the Spanish island of Ibiza, at a local clinic equipped with ultrasound guidance and performed by Dr. Fernando - without ultrasound guidance - who has joined our efforts to explore veterinary oncology using this method.

Pepe had a solid tumor measuring approximately  $8 \times 4 \times 4$  cm, giving a calculated volume of around 70 mL. Due to caution, Dr. Fernando administered only 10 mL of chlorine dioxide solution, whereas according to my standard guideline, 20 mL should have been used for optimal effect.

Still, based on experience in humans, I expect that this first injection will result in large-scale necrosis within the tumor and noticeable shrinkage in the coming days. Likely, 2-3 more injections will be needed before the tumor disappears entirely.

This marks the official start of our veterinary application of this therapy, following promising success

in over a dozen human patients.

We warmly welcome:

- Pet owners whose animals suffer from tumors
- Veterinary oncologists interested in offering this therapy

This is just the beginning.