VIGOR
Medical Technologies

C-LANT PORT: RAPID, SAFE CHEST-TUBE PLACEMENT & THORACIC DRAINAGE IN ANIMALS



OVERVIEW

The C-Lant Port is a sterile, single-use, self-fixating trocar designed to transform the insertion, fixation,and replacement of chest tubes and surgical instruments in animals. It delivers efficiency and safety in both the clinic and the field, setting a new standard in minimally invasive thoracic drainage in animals - in chest infection, in injury, and after surgery. Easy to use by any trained clinician, the C-Lant Port proved dramatically **faster and safer than the standard over-the-wire technique** in a head-to-head canine cadaveric study, with an equine evaluation underway.

Scan to watch the device demonstration

42-second simulator clip - insertion, drainage & removal.

VETERINARY TEAMS THAT BENEFIT FROM C-LANT:

EMERGENCY & CRITICAL CARE



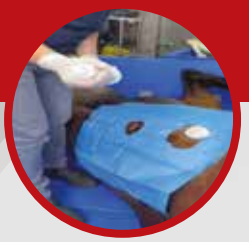
REFERRAL & SPECIALTY HOSPITALS



UNIVERSITY TEACHING HOSPITALS



EQUINE & LARGE-ANIMAL PRACTICE



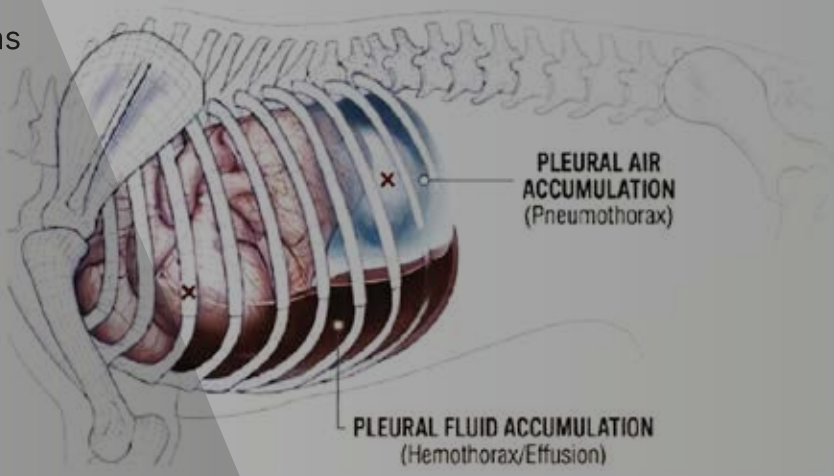
First indications: Equine pleuropneumonia - chest drainage required in 64% of cases
Canine chest trauma (>20 kg) - traumatic pneumothorax & hemothorax.
Also indicated for: tension pneumothorax, pleural effusion, chylothorax, pyothorax/empyema, and postoperative thoracic drainage - in dogs, horses, and other medium- to large-sized animals.

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C-LANT PORT - UNIQUE BENEFITS:

- Compatible with any chest tube ≤28Fr
- Self-fixation, atraumatic - no sutures
- <2 min tube insertion and replacement
- For veterinarians and technicians
- Open drainage shaft
- Chest access
- Hermetic sealing
- Ease of use
- Low-profile - ~56 g chest-wall port



VETERINARY EVIDENCE — VETCOT 2026 CANINE CADAVERIC STUDY

63.5S median placement time vs. 291s over-the-wire (P=0.0009)

0 lung injuries with C-Lant vs. 4 over-the-wire

Canine cadaveric study (PI: Dr. S. Klainbart), Koret School of Veterinary Medicine, Hebrew University of Jerusalem. Presented at VetCOT 2026 and EVECC Congress 2026 (Edinburgh).

CURRENT STATUS:

Patent Protected (US 10,857,341 B2)
FDA 510(k) cleared - K252714 for Human use
ISO 13485 certified
All safety studies and validations were successfully completed with C-Lant Port.
C-Lant use in veterinary surgery validated in canine cadaveric and swine live studies; equine evaluation ongoing.

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Please contact us to receive the commercial terms of C-Lant usage.