DISCOVER-IN

anatomy at your hands

UNIVERSIDAD DE MURCIA

Plastinated organs for training in veterinary centres (practices and hospitals)

Train your team with real organs,
100% realistic, non-toxic and of unlimited duration.

The ideal solution for veterinary practices and hospitals to train esophagoastroduodenoscopy, colonoscopy and bronchoscopy techniques in their facilities in a simple and real way.

Advantages of plastinated organs for your Hospital or Veterinary Practice

1

The ideal training tool for your veterinary team to acquire and develop their endoscopic skills in house.

2

Authentic **animal model** organs, 100% realistic result.

3

Unlimited duration.
They do not require special storage conditions.

4

Can be examined without the need for gloves or other preventive measures.

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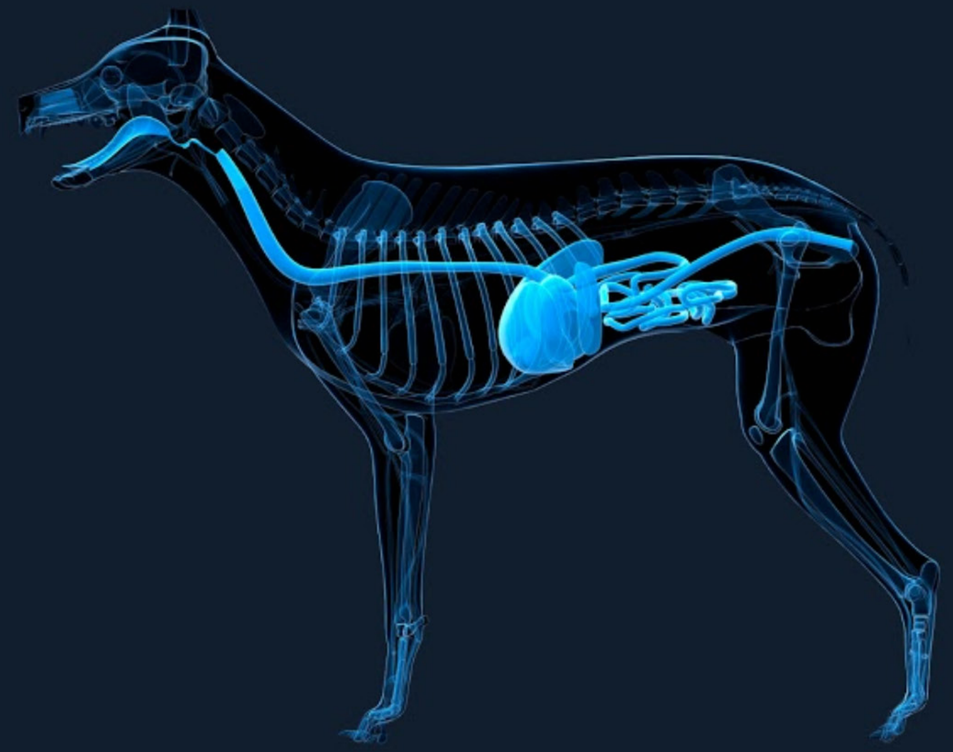
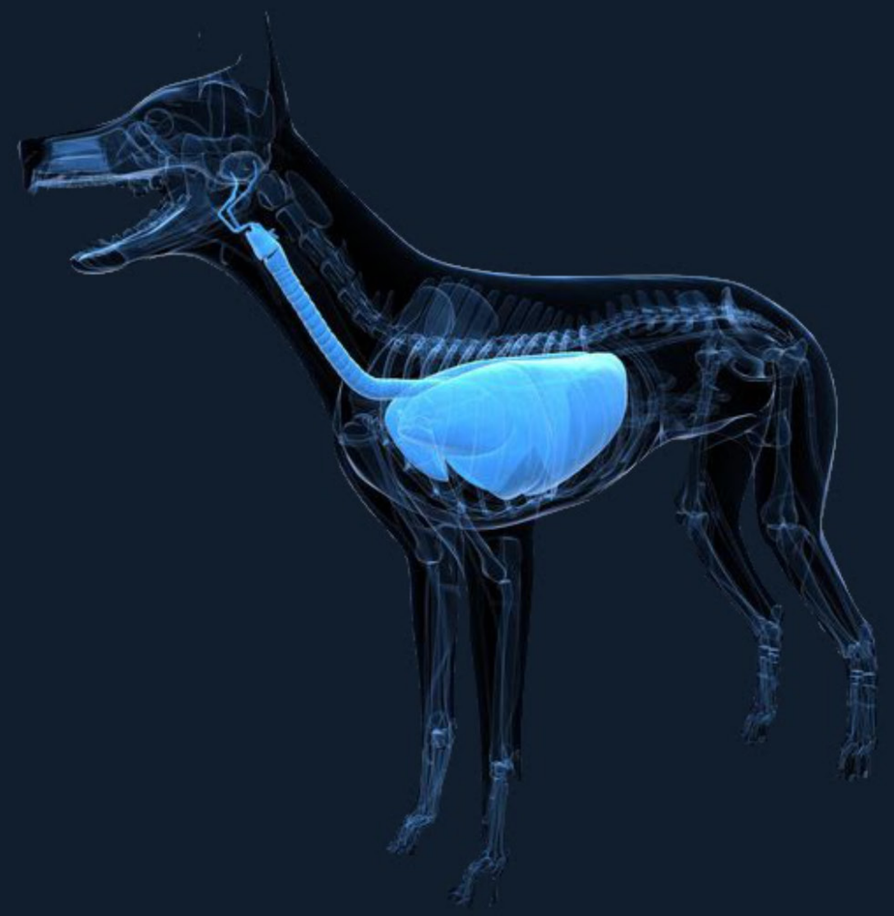
Advantages for the practice of esophagogastroduodenoscopies in veterinary centres



- The plastinated digestive system preserves both its external morphology and the anatomy of the lumen and the topography between the different portions of the gastrointestinal tract.
- Access to the different parts of the digestive system.
- - Distensible and flexible stomach.
- Ideal for performing biopsies, retroflexion maneuvers, extracting foreign bodies and estimating insertion depth.



Advantages for the bronchoscopies practice in Veterinary Centres

- The respiratory system is kept in distention.
- The lung parenchyma is flexible and allows collapse.
- The external morphology allows the different lung lobes to be identified.
- The bronchial tree is completely free and preserves the anatomy of the lumen and the topography between the different lobar bronchi.
- It allows exploration of up to 4th-5th generation of bronchi and allows simulating, in addition to bronchoscopy, extraction of foreign bodies, bronchial-alveolar lavage, placement of a tracheal stent, selective bronchial intubations, etc.

Plastination is changing the way endoscopy is performed

It is a technique by which the tissue's own fluids and part of the fat are replaced by a polymer. This technique allows to prepare real organs of unlimited duration in time, manipulable in any situation and environment.

Plastination
and its advantages in endoscopic training

Reality

Endoscopic techniques can be practiced with 100% real organs.

Durability

The veterinary centre can have an organ library for unlimited training.

Variability

Wide variety of organs and systems.

Comfort

Allows clean training. No special storage conditions are required.

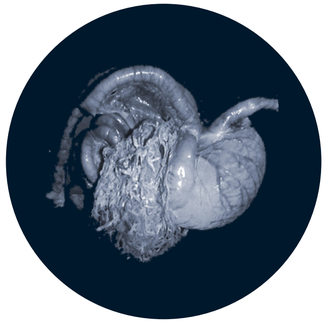
Nontoxic

Organs that can be manipulated in any situation and environment (no need for gloves).

Products for training in Veterinary Centres

Complete gastrointestinal dog tract

Digestive tracts to simulate esophago-gastroduodenoscopies, extraction of foreign bodies, etc.

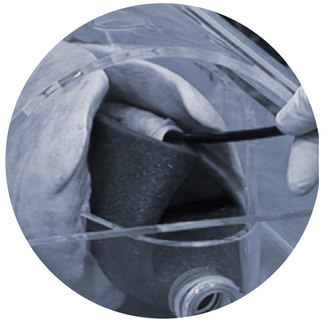


Dog / pig plastinated cardiopulmonary block

Memory of cardiopulmonary topographic anatomy. Examination of the airway from the tracheal lumen to the 4th-5th generation of bronchi

Complete dog block

Dog esophagus-stomach-small intestine-large intestine, liver, lungs and airway to simulate esophagogastroduodenoscopy and colonoscopy, as well as airway examinations



Plastinated dog / pig lung

Simulation of bronchoscopy, extraction of foreign bodies, bronchoalveolar lavage, placement of a tracheal stent, selective bronchial intubations.

DISCOVER-IN

Global Brand born at the University

DISCOVER-IN is a **benchmark brand in the international market** in research and application of plastination techniques, which arises from the Department of Comparative Anatomy and Pathological Anatomy of the University of Murcia.

Today, after 30 years of experience, we have a **Plastination Laboratory** that produces an average of 400 pieces per year, where techniques based on silicone, epoxy resins and polyester are applied. Our pieces are found in Educational Centres, Museums and Universities in dozens of countries around the world.

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This catalogue is an exemplary representation of the products manufactured by the company and it is possible that the products that are finally delivered to the purchaser do not coincide exactly in their appearance with the representative sample shown in this catalogue.

This is due to the fact that, due to the characteristics and nature of the products marketed by our company, which are based on real biological material, it is common for there to be certain differences in the appearance of the final products, with particularities in the characteristics of the product, such as its size, colour or morphology, so that, in practice, it is unlikely that identical products exist.

For this reason, it is hereby expressly stated that this catalogue, and the products shown in it, does not constitute a binding commercial offer in relation to the result of the final product delivered to the purchaser, which, for the reasons set out above, will have certain characteristics specific to each case.

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