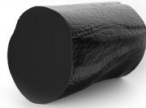


Canine Abdomen - PHANTOM FOR CT AND X-RAY

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: MZ02421



Phantom provides a realistic simulation of a dog's tummy without any contrast agent. Bones and soft tissues are displayed authentically with realistic CT values for all tissues at a lamp voltage of 120 kWp in CT. The air spaces are filled with a cellulose-polymer composite with approximately -80 Hounsfield units. If the phantom is to be used mainly with other lamp voltages (e.g. 100 kWp), the calibration of the CT values can be adjusted if necessary. Phantom also provides realistic tissue contrasts in X-ray imaging.

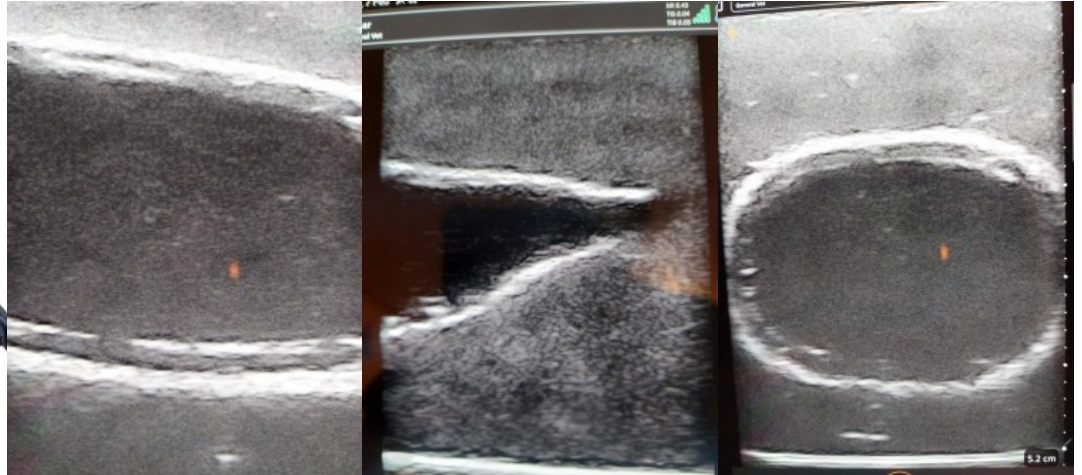
Specification:

- weight: approx. 5 kg

Ultrasound trainer dog bladder

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: MZ03711



This training model of the lower body of a medium-sized dog provides comprehensive training in ultrasound examination of the canine bladder. Four different inserts cover the major procedures/diagnoses, allowing training in diagnostic skills. The conditions usually have similar symptoms, so ultrasound examination is useful to obtain the actual diagnosis. Externally identical inserts require diagnostic skills to identify pathology.

The following inserts are included in the practice model:

- Normal Anatomy / Cystocentesis.

This insert allows the bladder to be located under ultrasound and the anatomy identified. The bladder can be punctured, the material has self-healing properties, so to a certain extent the puncture channels are self-closing. The insert can be filled with water and is available as a replacement part.

- Bladder stones

Undiagnosed bladder stones are very painful for the animal and can even lead to death. This insert allows the bladder stones to be located and identified so that the practitioner can learn what they look like under ultrasound.

- Bladder cancer

Bladder cancer can be very painful and life threatening. This insert allows the practitioner to practice locating a tumor with ultrasound.

- Inflammation of the bladder (cystitis)

Bacterial infection of the lower urinary tract is usually painful and should be treated urgently. With this insert, the practitioner learns to recognize and diagnose cystitis.

Dog Phantom for X-Ray, MRI and CT

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: FR01927



Full-size phantom of an adult female dog for multipurpose use in the field of X-Ray and CT diagnostic imaging in veterinary medicine.

Available variants of the dog phantom for diagnostic imaging:

- Dog phantom for ultrasound
- Dog phantom for x-ray imaging and computed tomography (X-ray and CT)
- Dog phantom for Magnetic Resonance Imaging (MRI)
- Combined dog phantom with the possibility of imaging while using ultrasound, X-Ray and CT
- Combined dog phantom with the possibility of imaging using MRI, X-ray and CT

Upon special requests, we can customize it for simulating different pathologies as well as for specific trainings & research applications.

Main features:

- The model is realistic, anatomically correct, has all important natural size internal organs and bone structures.
- If desired, the phantom can be adapted with the help of a flexible heart and lungs, and free fluid to provide a variety of diagnostic imaging techniques.
- It was designed mainly to provide simulated X-Ray and CT training in the field of veterinary medicine and other diagnostic imaging such as ultrasound, MRI.
- **Thanks to the possibility of placing different pathologies in the phantom base version, it can be adapted to specific training applications.**

Phantom consists the following anatomical structures (individual elements can be added or removed depending on the application requirements):

- Head, trunk, Tail
- Spleen,
- stomach,
- liver
- skeleton
- kidney,
- adrenal gland
- Aorta
- lymph nodes
- Bladder
- Descending colon and small intestine
- Duodenum
- pancreas



- limbs
- Gallbladder
- Portal vein, vena cava and lymph nodes

Optional functions (on request, additionally payable)

- Internal haemorrhages in the body, pelvis, pericardium, periphery areas, etc.
- Changes and tumors in strictly defined places.
- Customizing the phantom with movement or bleeding.
- Hard carrying case and storage

Additional information:

Materials used:

1. Soft tissues and organs: urethane mixture
2. Synthetic bones are available in two options: based on urethane or epoxy resin
 - Size: 110 x 40 x 30 cm (approximately)
 - Weight: 24 kg (approx.)

Set contains:

- full-size phantom of an adult female dog
- CD
- User's Guide
- (Optional) hard carrying case and storage.

Possibility to configure your phantom yourself:

- Note: this product is a replica of an adult female dog and is mainly used for ultrasound training and other diagnostic imaging in veterinary.
- It can be adapted to different pathologies depending on your needs.
- In order to prepare a phantom with a non-standard configuration, please send your specifications to prepare the valuation and execution time.