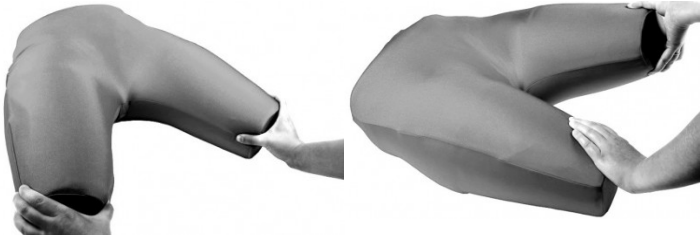


X-RAY hip model, flexible

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

Product code: FR02428



The flexible hip x-ray phantom contains real human bones and offers the unique opportunity to take real x-rays. The phantom consists of the entire pelvis, including the coccyx, the two lumbar vertebrae (L4 + L5), and the thigh stump. The soft material makes this product ideal for palpation.

The natural bones used may contain individual pathological changes, minor structural defects or mounting holes, depending on availability. **Specification:**

- size: 50 x 40 x 25 cm
- weight: 2 kg
- model delivered in a sturdy carrying case

Abdomen Phantom for CT, X-ray and Radiation Therapy

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

Product code: FR02432



This phantom is created from real patient data and is manufactured using the latest technology. Bones, vessels and soft tissue are displayed authentically with realistic CT values for all tissues at 120 kVp tube voltage in the CT. If the phantom is mainly to be used with other tube voltages (e.g. 100 kVp), the calibration of the CT values can be adjusted accordingly if required. The phantom provides realistic tissue contrasts in X-ray imaging. Air spaces are filled by a material with about -80 Hounsfield units.

The abdomen phantom provides an extremely realistic simulation of a patient's abdomen with contrast medium (late artery phase). Arterial contrast. The phantom includes the abdomen from the tenth thoracic vertebra to the fourth lumbar vertebra, including the liver and both kidneys.

Dental X-ray phantom head, transparent

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

Product code: SM01587



Human skull designed for radiographic examinations, embedded in a special, transparent material that does not cause image artifacts.

Main features:

- The jaws are slightly open to allow **dental panoramic images of the teeth**.
- Phantom is also ideally suited for **taking cephalometric photos (eg X-ray lateral view of the skull) and dental CBCT**.
- The Phantom contains real bones, which allows you to take real X-ray pictures
- The built-in handle allows the use with a tripod.
- It allows to perform multiple x-rays without any side effects
- Each model is hand-made and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.

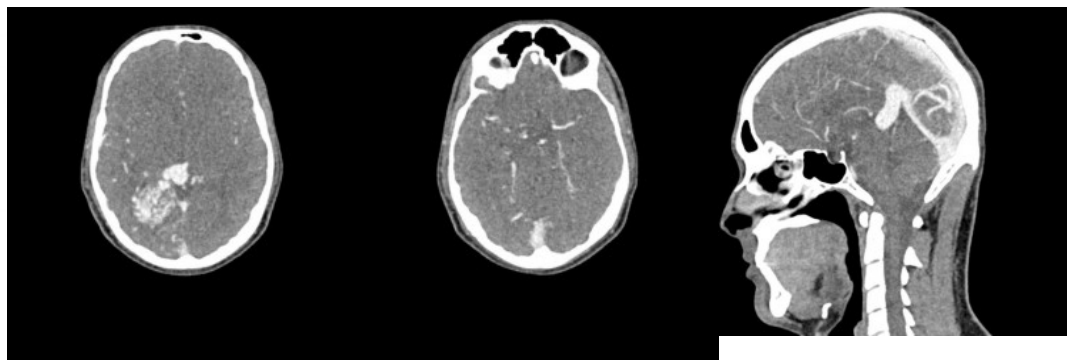
Additional information:

- The phantom is delivered with a protective case
- It provides excellent conditions for learning radiology.
- The model dedicated exclusively to Medical Universities and Institutions conducting scientific research (with confirmation of medical use)
- The model is also available in a non-transparent version.
- Purpos: **dentistry, orthodontics, cephalometry, pantomography (panoramic images), dental CBCT**

Head and Neck Phantom for CT, X-Ray and Radiation Therapy

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

Product code: FR02431



This phantom is created from real patient data and is manufactured using the latest technology. Bones, vessels and soft tissue are displayed authentically with realistic CT values for all tissues at 120 kVp tube voltage in the CT. If the phantom is to be used primarily with other tube voltages (e.g. 100 kVp), the calibration of the CT values can be adjusted accordingly if required. The phantom provides realistic tissue contrasts in X-ray imaging. Air spaces are filled by a material with about -80 Hounsfield units.

The head phantom provides an extremely realistic simulation of a head and neck CT angiography (with arterial contrast) of a patient with an arteriovenous malformation on the right side. The phantom is delivered in true-to-original scale and includes the cervical spine up to the base plate of the fifth cervical vertebra.

X-ray and CBCT dental head phantom with cervical vertebrae, transparent

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

Product code: SM01150



Human skull designed for radiographic examinations, embedded in a special, transparent material that does not cause image artifacts.

Main features:

- The jaws are slightly open to allow **dental panoramic images of the teeth.**
- Phantom is also ideally suited for **taking cephalometric photos (eg X-ray lateral view of the skull) and dental CBCT**
- The Phantom contains real bones, which allows you to take real X-ray pictures
- The model contains also some cervical vertebrae depending on the ordered type.
- The built-in handle allows the use with a tripod.
- It allows to perform multiple x-rays without any side effects
- Each model is hand-made and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.

Additional information:

- The phantom is delivered with a protective case
- It provides excellent conditions for learning radiology.
- The model dedicated exclusively to Medical Universities and Institutions conducting scientific research (with confirmation of medical use)
- The model is also available in a non-transparent version.
- Purpos: **dentistry, orthodontics, cephalometry, pantomography (panoramic images), dental CBCT, x-ray**

Accessories:



- stand

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

Product code: SM01646



A chest phantom designed for performing X-ray photography. The following bones were embedded in the soft material:

- vertebrae from C6 to L3,
- ribs,
- the shoulder blades
- collarbones.

Main features:

- Phantom contains real bones, which allows you to take real X-ray pictures
- It allows you to perform multiple x-rays without any side effects.
- Each model is made by hand and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.
- The individual bone structures are assembled without metal elements.
- Organs (lungs, heart, kidneys) are included in the model and appear as contours and form a shadow on the X-ray.
- The bones were embedded in a special material that did not cause image artifacts.

Additional information:

- The phantom is delivered with a protective case
- It provides excellent conditions for learning radiology.
- The color of the material may differ from the one on the website

Application:

- Perform chest X-rays in various positions

Pelvis phantom to Radiology, opaque

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

Product code: SM01143



The pelvis of an adult human with the lower lumbar vertebrae and proximal parts of the femurs, embedded in a special, non-transparent material that does not cause image artifacts. Phantom is designed to take X-ray pictures.

Main features:

- Phantom has a full pelvis skeleton: hip, pubic, sciatic bones, cruciate bone.
- The model contains lower lumbar creosus and proximal fragments of femurs. Intervertebral disks have been removed.
- Phantom contains real bones, which allows you to take real X-ray pictures
- It allows you to perform multiple x-rays without any side effects.
- Each model is made by hand and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type skeletal structure.

Additional information:

- The phantom is delivered with a protective case
- It provides excellent conditions for learning radiology.
- The model dedicated exclusively to Medical Universities and Institutions conducting scientific research (with confirmation of medical use)
- The model is also available in a transparent version.

Pelvis Phantom to Radiology, transparent

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

Product code: SM01142



The pelvis of an adult human with the lower lumbar vertebrae and proximal parts of the femurs, embedded in a special, transparent material that does not cause image artifacts. Phantom is designed to take X-ray pictures.

Main features:

- Phantom has a full pelvis skeleton: hip, pubic, sciatic bones, cruciate bone.
- The model contains lower lumbar creosus and proximal fragments of femurs. Intervertebral disks have been removed.
- Phantom contains real bones, which allows you to take real X-ray pictures
- It allows you to perform multiple x-rays without any side effects.
- Each model is made by hand and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type skeletal structure.

Additional information:

- The phantom is delivered with a protective case
- It provides excellent conditions for learning radiology.
- The model dedicated exclusively to Medical Universities and Institutions conducting scientific research (with confirmation of medical use)
- The model is also available in a non-transparent version.

Breast phantom for mammography and tomosynthesis

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

Product code: FR02424



Breast phantom with adipose and glandular tissue. This breast phantom was developed to simulate breast imaging in mammography and tomosynthesis.

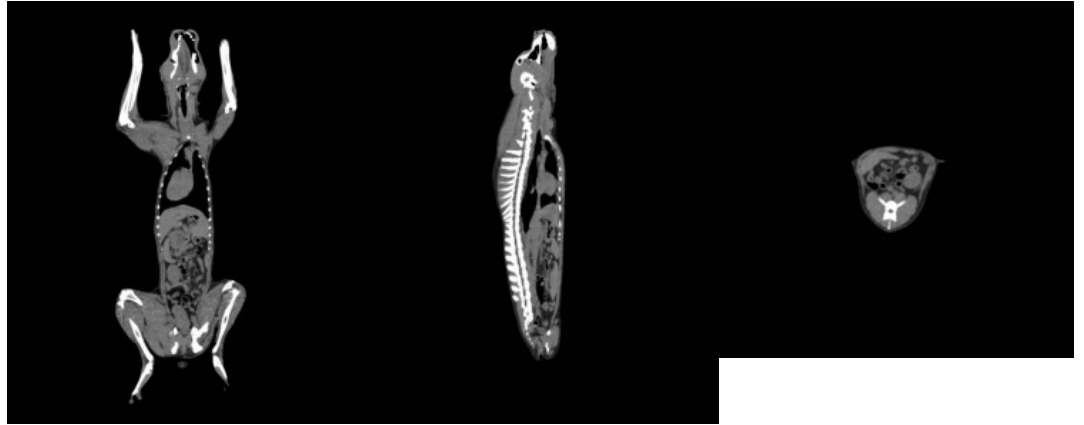
It shows a breast 4 cm thick, which can be fixed under a compression scapula. This phantom enables a realistic simulation of breast imaging. It was developed to test and optimize the dose and image quality, and for the training of medical and technical personnel. The phantom is created on the basis of virtual data sets containing adipose and glandular tissue. This model is a handmade, one-time item that may slightly differ in size and appearance. The phantom can be delivered as a whole or in sectional construction. On request, it is possible to integrate recesses for dosimeters and pathologies. **Specification:**

- weight: approx. 5 kg
- delivered as a whole or in sectional construction

Canine phantom for computed tomography and X-ray

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

Product code: MZ02423



Phantom provides a realistic simulation of a dog without a 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.

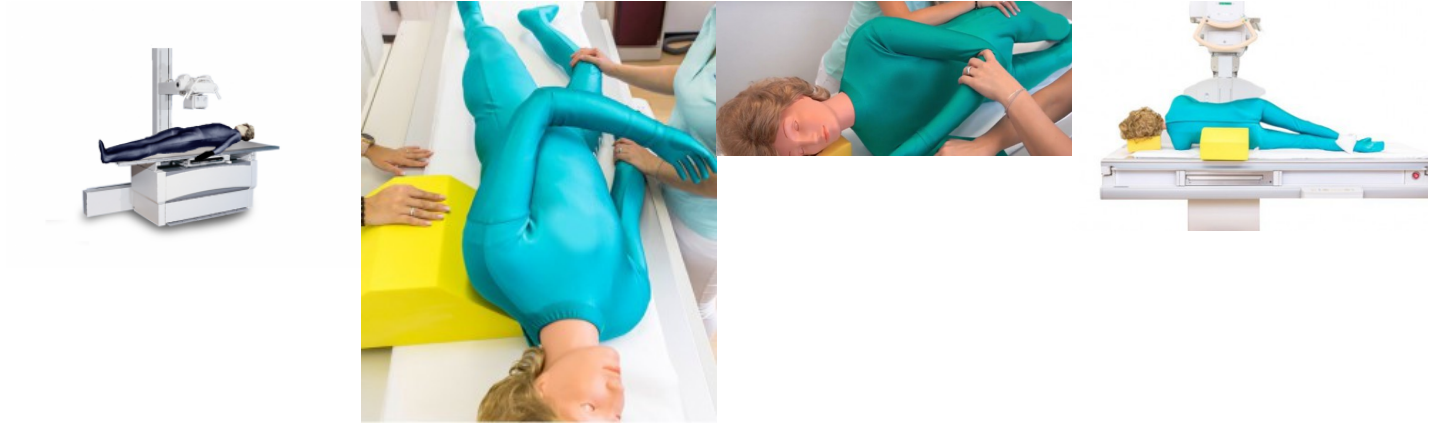
Specification:

- weight: approx. 5 kg

Full Body X-Ray Phantom

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

Product code: SM01133



Life-size X-ray Phantom. It contains a real human skeleton that allows taking real X-ray images comparable to a real patient. Using a real skeleton allows to visualize even the smallest anatomic details, which is not possible in a plastic skeleton.

Main features:

- The design of the model makes it can be used for positioning practice as well as for general x-ray training.
- Each phantom is hand -made and individually. It can contain some pathologies, it may differ in size and appearance.
- All joints connections are moveably assembled - they enable positioning in all normal x-ray positions.
- Phantom is suitable for use in all types of osseus examination under CT.
- During assembly of this phantom, it pays special attention to the correct size of joint spaces
- It provides excellent conditions for learning in the field of positioning techniques and adaptation in projection radiography.

Additional information:

- Phantom delivered with a protective carrying case
- The skeleton is placed in a special coveralls that do not create image artifacts.
- Weight around 30kg.

X-Ray Phantom Hand, transparent , real bone

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

Product code: SM01135



An adult man's hand together with wrist bones and distal fragments of the forearm bone, embedded in a special, transparent material that does not cause image artifacts. Phantom is designed to take X-ray pictures.

Main features:

- Phantom has a full hand and wrist bones
- The model contains distal fragments of the forearm bone.
- Phantom contains real bones, which allows you to take real X-ray pictures It allows you to perform multiple x-rays without any side effects.
- Each model is made by hand and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.

Additional information:

- The phantom is delivered with a protective case It provides excellent conditions for learning radiology.
- The model dedicated exclusively to Medical Universities and Institutions conducting scientific research (with confirmation of medical use)
- The model is also available in a non-transparent version.

Application:

- Taking X-ray images of various types Anatomy

X-ray phantom head with cervical vertebrae, opaque

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

Product code: SM01151



Human skull designed for radiographic examinations, embedded in a special, non-translucent material that does not cause image artifacts.

Main features:

- The jaws are slightly open to allow **dental panoramic images of the teeth.**
- Phantom is also ideally suited for **taking cephalometric photos (eg X-ray lateral view of the skull) and dental CBCT**
- The Phantom contains real bones, which allows you to take real X-ray pictures
- The model contains also some cervical vertebrae depending on the ordered type.
- The built-in handle allows the use with a tripod.
- It allows to perform multiple x-rays without any side effects
- Each model is hand-made and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.

Additional information:

- The phantom is delivered with a protective case
- It provides excellent conditions for learning radiology.
- The model dedicated exclusively to Medical Universities and Institutions conducting scientific research (with confirmation of medical use)
- The model is also available in a non-transparent version.
- Purpos: **dentistry, orthodontics, cephalometry, pantomography (panoramic images), dental CBCT, head radiography**

X-Ray Phantom of forearm, non-transparent

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

Product code: SM01139



Phantom containing the bones of the forearm, wrist, mediastinum and phalanges, intended for performing X-ray photography.

The bones were embedded in a special, non-transparent material that did not cause image artifacts.

Main features:

- Phantom contains real bones, which allows you to take real X-ray picture.
- It allows you to perform multiple x-rays without any side effects.
- Each model is made by hand and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.

Additional information:

- The phantom is delivered with a protective case
- It provides excellent conditions for learning radiology.
- The model is also available in a transparent version

X-Ray Phantom Lower Arm, transparent

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

Product code: SM01138



Phantom containing the bones of the forearm, wrist, mediastinum and phalanges, intended for performing X-ray photography.

The bones were embedded in a special, transparent material that did not cause image artifacts.

Main features:

- Phantom contains real bones, which allows you to take real X-ray picture.
- It allows you to perform multiple x-rays without any side effects.
- Each model is made by hand and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.

Additional information:

- The phantom is delivered with a protective case
- It provides excellent conditions for learning radiology.
- The model is also available in a non-transparent version

X-Ray Phantom Elbow, opaque

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

Product code: SM01147



This X-Ray part phantom gives the unique opportunity to take x-ray images of single body parts again and again. The Phantom includes real human bones and allows taking real x-ray images. The model is perfect for schools and education, but also for medical technicians since the same bones can be x-rayed again and again in different settings without the danger of harming a patient. The bones are embedded in plastic which is coated with opaque color to hide the inner structures. This phantom is handmade and unique. It may differ in size and shape. Due to production technology there may be discoloring and cracks inside the phantom. This is related to production and is no lack of quality. This phantom is only sold against a proof of medical use.
Part of upper and lower arm.

X-Ray Phantom Elbow, transparent

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

Product code: SM01146



An adult man's elbow joint, embedded in a special, transparent material that does not cause image artifacts. Phantom is designed to take X-ray pictures.

Main features:

- Phantom has a humerus, radius and ulna
- Phantom contains real bones, which allows you to take real X-ray pictures It allows you to perform multiple x-rays without any side effects.
- Each model is made by hand and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.

Additional information:

- The phantom is delivered with a protective case It provides excellent conditions for learning radiology.
- The model dedicated exclusively to Medical Universities and Institutions conducting scientific research (with confirmation of medical use)
- The model is also available in a non-transparent version.

Application:

- Taking X-ray images

X-Ray Phantom Foot, opaque

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

Product code: SM01141



Phantom containing the bones of the foot and distal part of tibia and fibula, intended for performing X-ray images. The bones were embedded in a special, non-transparent material that did not cause image artifacts.

Main features:

- Phantom contains real bones, which allows you to take real X-ray picture.
- It allows you to perform multiple x-rays without any side effects.
- Each model is made by hand and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.

Additional information:

- The phantom is delivered with a protective case
- It provides excellent conditions for learning radiology.
- The model is also available in a transparent version

X-Ray Phantom Foot, transparent

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

Product code: SM01140



Phantom containing the bones of the foot and distal part of tibia and fibula, intended for performing X-ray photography.

The bones were embedded in a special, transparent material that did not cause image artifacts.

Main features:

- Phantom contains real bones, which allows you to take real X-ray picture.
- It allows you to perform multiple x-rays without any side effects.
- Each model is made by hand and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.

Additional information:

- The phantom is delivered with a protective case
- It provides excellent conditions for learning radiology.
- The model is also available in a non-transparent version



Radiographic positioning doll, plastic skeleton

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

Product code: SM01134



This model offers all features of model SM01133 but includes a plastic skeleton and is due to this only suitable for positioning training.

X-Ray Phantom Hand, opaque

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

Product code: SM01136



An adult man's hand together with wrist bones and distal fragments of the forearm bone, embedded in a special, non-transparent material that does not cause image artifacts. Phantom is designed to take X-ray pictures.

Main features:

- Phantom has a full hand and wrist bones
- The model contains distal fragments of the forearm bone.
- Phantom contains real bones, which allows you to take real X-ray pictures. It allows you to perform multiple x-rays without any side effects.
- Each model is made by hand and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.

Additional information:

- The phantom is delivered with a protective case. It provides excellent conditions for learning radiology.
- The model is dedicated exclusively to Medical Universities and Institutions conducting scientific research (with confirmation of medical use)
- The model is also available in a transparent version.

Application:

- Taking X-ray images of various types Anatomy

X-Ray Phantom Knee, opaque

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

Product code: SM01145



A phantom of the knee joint designed for performing X-ray photography. Has a distal part of the femur, proximal fragment of tibia and fibula bone and patella. The whole is embedded in a special, nontransparent material, which does not cause image artifacts.

Main features:

- Phantom contains real bones, which allows you to take real X-ray picture.
- It allows you to perform multiple x-rays without any side effects.
- Each model is made by hand and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.

Additional information:

- The phantom is delivered with a protective case
- It provides excellent conditions for learning radiology.
- The model is also available in a transparent version

X-Ray Phantom Knee, transparent

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

Product code: SM01144



A phantom of the knee joint designed for performing X-ray photography. Has a distal part of the femur, proximal fragment of tibia and fibula bone and patella. The whole is embedded in a special, transparent material, which does not cause image artifacts.

Main features:

- Phantom contains real bones, which allows you to take real X-ray picture.
- It allows you to perform multiple x-rays without any side effects.
- Each model is made by hand and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.

Additional information:

- The phantom is delivered with a protective case
- It provides excellent conditions for learning radiology.
- The model is also available in a non-transparent version

X-Ray Phantom Spine, opaque

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

Product code: SM01149



A vertebral column phantom designed for performing X-ray photography. The following bones were embedded in the nontransparent material:

- Cervical, thorax, lumbar, sacral vertebrae
- Sacrum

Main features:

- Phantom contains real bones, which allows you to take real X-ray pictures
- It allows you to perform multiple x-rays without any side effects.
- Each model is made by hand and individually, which makes it unique, may contain some pathologies and vary in shape and size depending on the type of skeletal structure.
- The individual bone structures are assembled without metal elements.
- The bones were embedded in a special material that did not cause image artifacts.

Additional information:

- The phantom is delivered with a protective case
- It provides excellent conditions for learning radiology.
- Also available in transparent version

Application:

- Perform X-rays photos in various positions

Phantom foot for CT, X-ray and radiotherapy

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

Product code: FR02427



This phantom is created from real patient data and is produced using the latest technology. Bones, vessels and soft tissues are displayed authentically with realistic CT values for all tissues at a lamp voltage of 120 kWp in CT. 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 provides realistic tissue contrasts in X-ray imaging. The air spaces are filled with material with approximately -80 Hounsfield units.

*Pathologies (e.g. fractures, calcifications, bones and soft tissue tumors) can be taken into account upon request.

Specification:

- weight: approx. 5 kg

“Echo Eddie” Advanced Ultrasound Examination Trainer

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

Product code: MA04018



The advanced **ultrasound trainer** is the **anatomy model** of an adult human torso for ultrasound examination, including the FAST protocol. The **torso phantom for ultrasound** examinations has an actual size with characteristic landmarks and a realistic structure of the material from which it is made, realistically imitating body tissue.

Anatomically correct size and structure

- Synthetic bones included:

- Complete Spine
- Complete Ribcage
- Shoulders and clavicles
- Pelvis structure

- Thoracic organs included:

- Trache
- Anatomically correct Heart with four chambers
- Lungs

- Major abdominal organs included:

- Diaphragm
- Liver
- Gallbladder
- Stomach
- Kidneys
- Spleen
- Pancreas
- Large & small intestines
- Bladder
- Prostate

Pathologies for ultrasound examination according to the FAST protocol (Focused Assessment with Sonography for Trauma - rapid ultrasound examination performed in the case of multi-organ injuries):

- FAST procedures: Internal hemorrhages in the perihepatic, periumbilical, pelvic and pericardial areas;

- Internal hemorrhages: Internal hemorrhage in the pericardium area, intra-abdominal hemorrhages in the area of the liver, spleen and urinary bladder;



- Pathologies: cholecystitis and colon damage.

Application and advantages of the modern ultrasound trainer

The most advanced **ultrasound phantom** in the form of a torso for ultrasound diagnostics. It allows you to perform emergency ultrasound (FAST) and detect various organ pathologies. The **ultrasound trainer** used to image cases of multi-organ injuries, internal hemorrhages in the perihepatic and umbilical areas, pelvis, spleen, pericardium, urinary bladder, cholecystitis and colon damage. **The radiological phantoms** are widely used as equipment in medical facilities, hospitals, teaching and research laboratories at universities and colleges as demonstration and training equipment, without the interference of exercises on the human body. Ultrasound examination procedures according to the **FAST protocol** are often performed as part of pre-hospital care by the Emergency Medical Team (EMS) and in Hospital Emergency Departments (ED). The presented **ultrasound trainer**, the **anatomy model** of an adult human torso, is successfully used during training and courses on diagnostic and medical issues.

Why is it worth choosing our company?

OpenMedis has an offer rich in **anatomical models** and **medical simulators** for learning radiological imaging. Thanks to our many years of experience and the wide range of our offer, we provide professional advice in assembling sets of devices depending on the customer's needs. In addition to **medical simulators** for imaging radiological ultrasound examinations, our offer includes medical trainers for physical examinations, care phantoms and many other practical teaching aids necessary to equip, for example, clinical skills teaching laboratories at universities and schools. We invite you to check out the full offer of the OpenMedis online store.

Transparent X-ray arm

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

Product code: SM02303

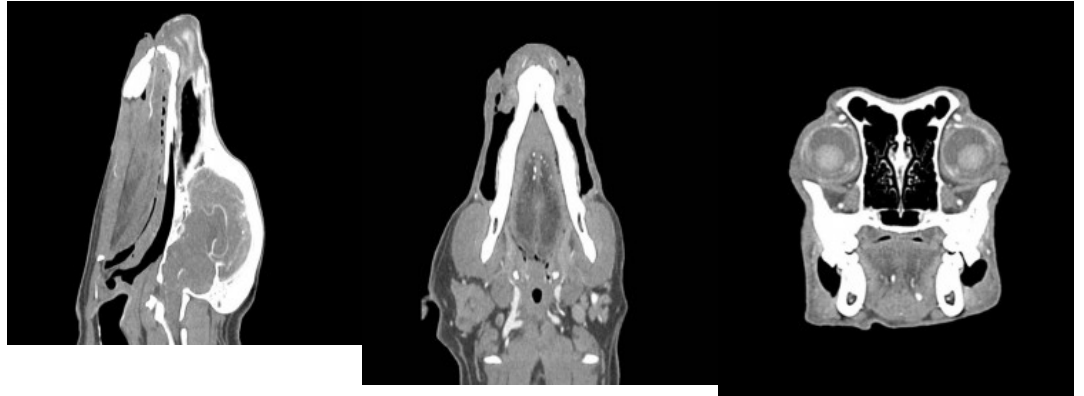


This partial x-ray phantom offers the unique ability to repeat actual x-rays as often as you like. The model contains real human bones, making it possible to take real photos. The model is perfect for schools and training centers, but of course also for medical technology, because you can try different positions of the same body part many times without endangering the patient. It is a unique and handmade model. Due to the manufacturing process, discoloration or cracking may occur inside the phantom, this is manufacturing related and is not a defect. The sale of this model is possible only upon presentation of proof of medical use.

Canine head - phantom for CT and X-RAY

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

Product code: MZ02422



Phantom provides a realistic simulation of a dog's head without a 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