MAGIC
ULTRASOUND

Magic Ultrasound

Empowering Education , Enhancing Healthcare



PRODUCT CATALOGUE

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WHO are we

Magic Ultrasound is a leading developer and manufacturer of ultrasound simulation teaching products.

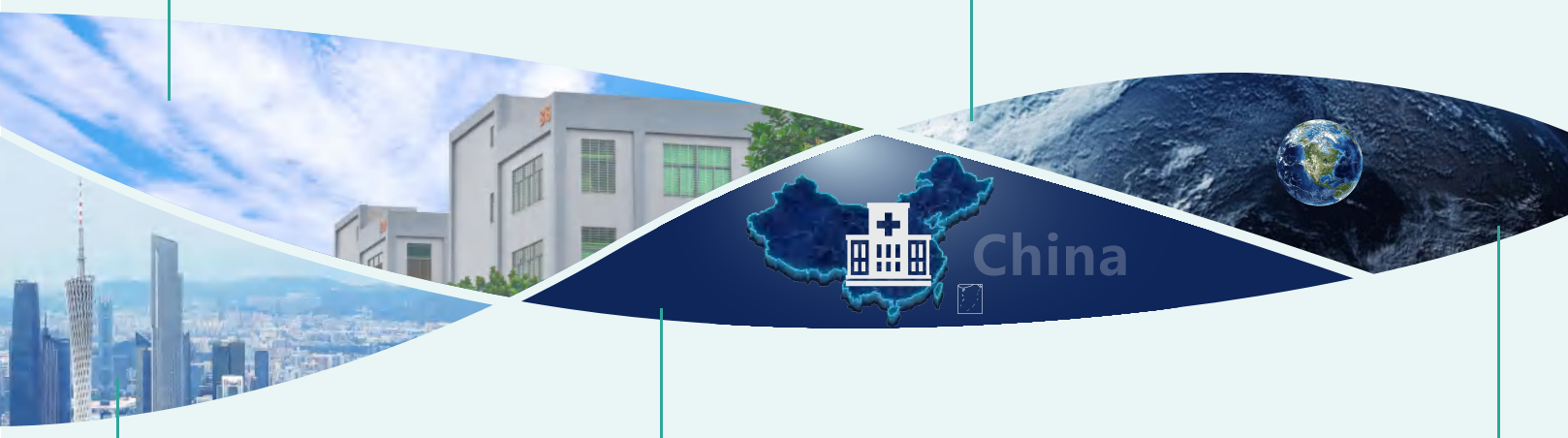
Our company was founded in April 2021 in Guangzhou China, with a focus on providing cutting-edge educational tools to enhance the teaching and learning experience of ultrasound and improve the quality of healthcare.

Join us on the journey to revolutionize ultrasound education and make significant strides towards a better future.

Our History

2021 Founded in Guangzhou, China

2023 Entering Global Market

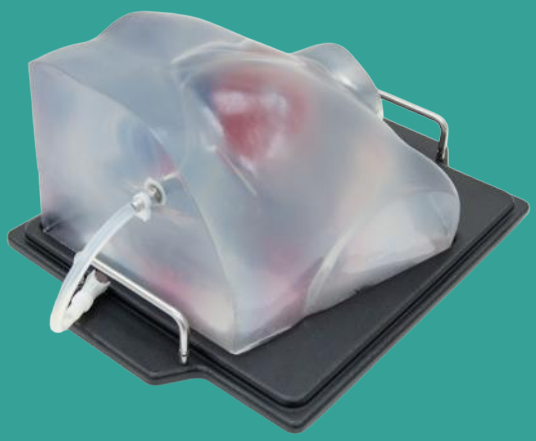


2018-2020
Material development and anatomical data collection

2022
156 hospital & medical school users in China

2024-2025
Products sold all over the world.

3 Visualizations



Anatomical Visualization

Accurate anatomical structure together with transparent modules to achieve anatomical visualization in ultrasound simulation teaching and ensure teaching effectiveness.



Ultrasound Visualization

Models made of advanced materials can display realistic images under any ultrasound device, making ultrasound simulation training easier.

AR / VR Visualization

Applving AR and VR technologies to ultrasound simulation teaching to further enhance the experience and effectiveness of teaching.



4 Key Features

Durability



Our models adopt advanced materials, allowing for 1200+ punctures per square centimeter by using an 20G -22G needle.

Versatility



We provide diverse models for different clinical training scenarios.

Accuracy

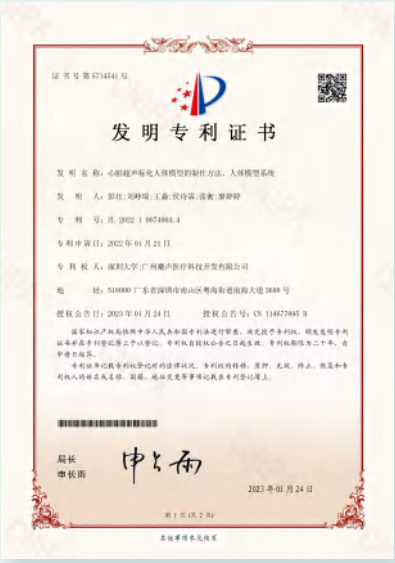


Our models are based on real human body data and has precise anatomical structures, providing excellent ultrasound images under ultrasound equipment.

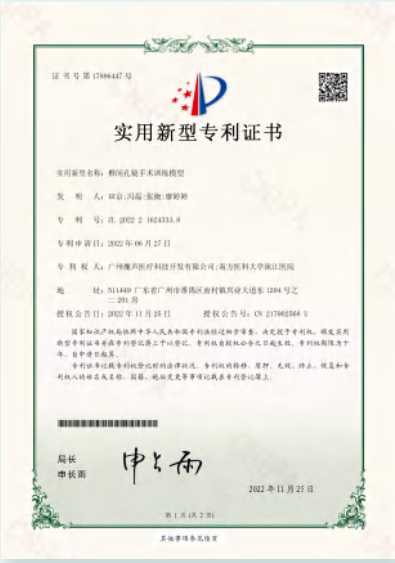
Universality



Our models can provide superb ultrasound images under any ultrasound equipment.


发明专利证书


实用新型专利证书


实用新型专利证书


实用新型专利证书


外观设计专利证书


发明专利证书

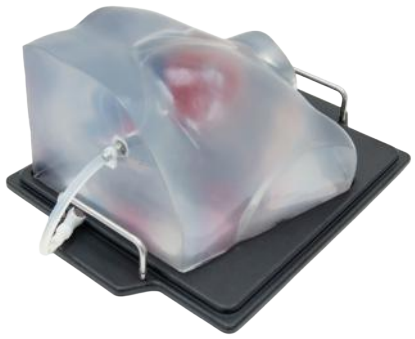

PHILIPS
mindray
animal care



Ultrasound Diagnosis

- Echocardiography
- Abdominal
- Emergency & Trauma
- Lung
- OB & GYN
- Superficial Organs

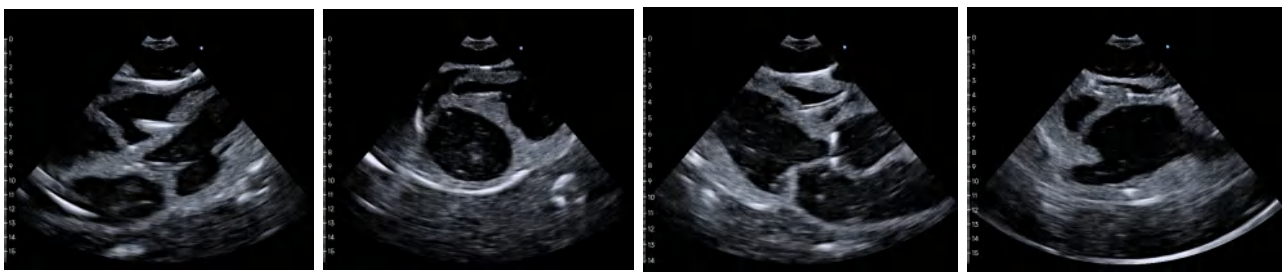
Cardiac Examination Ultrasound Model



MU-E-HEART-MNT Transparent



MU-E-HEART-MNS Skin Tone



Featuring a detailed right hemithorax and a complete left hemithorax, this model serves as an effective tool for training in cardiac ultrasound examinations and ultrasound-guided pericardiocentesis.

Training Skills & Applications

- TTE (Transthoracic Echocardiography)
- TEE (Transesophageal Echocardiography)
- Ultrasound examination of pericardial effusion
- Ultrasound guided pericardiocentesis

Anatomy

- Right half chest and left complete chest, left nipple
- Thoracic upper esophagus to gastric fundus
- Left atrium, right atrium, left ventricle, right ventricle, pericardium
- Ascending aorta, aortic arch, superior vena cava, inferior vena cava

Pathology

- Pericardial effusion

Features

- Optional transparent model allows direct observation of internal anatomical structures.
- Support both TTE and TEE cardiac ultrasound.
- Easy to refill the pericardial effusion to simulate different clinical scenarios.

Consumables:
Refill Fluid (Transparent) MU-E-FLUID03-C

Cardiac Examination Ultrasound Model (Without Pathologies)



MU-E-HEART1-MNT Transparent



MU-E-HEART1-MNS Skin Tone



Designed to replicate the human cardiac anatomy, this model features tissue-mimicking acoustic properties. Compatible with any transesophageal echocardiography (TEE) probe and phased array probe, it delivers realistic ultrasound images, serving as a training tool for cardiac ultrasound examinations. Available in skin-tone and transparent versions.

Training Skills & Applications

- TTE (Transthoracic Echocardiography)
- TEE (Transesophageal Echocardiography)

Anatomy

- Right half chest and left complete chest, left nipple
- Upper esophageal to gastric fundus
- Left atrium, right atrium, left ventricle, right ventricle, pericardium
- Ascending aorta, aortic arch, superior vena cava, inferior vena cava

Pathology

- None

Features

- Optional transparent model allows direct observation of internal anatomical structures.
- Support both TTE and TEE cardiac ultrasound.

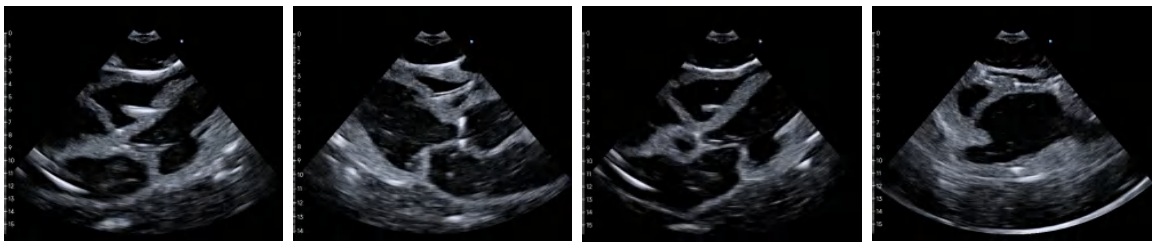
Cardiac Ultrasound And Pericardiocentesis Model



MU-E-HEART01-MNT Transparent



MU-E-HEART01-MNS Skin Tone



This model features human head and chest anatomical structures, compatible with both trans-esophageal ultrasound probes and phased array probes. It serves as a practical training tool for cardiac ultrasound examinations and ultrasound-guided pericardiocentesis.

Training Skills & Applications

- TTE (Transthoracic Echocardiography)
- TEE (Transesophageal Echocardiography)
- Ultrasound examination of pericardial effusion
- Ultrasound guided pericardiocentesis

Anatomy

- Human head, chest, and nipples
- Sternum, ribs, rib arch, xiphoid process
- Oral cavity, esophagus, and heart
- Left atrium, right atrium, left ventricle, right ventricle, and pericardium
- Ascending aorta, aortic arch, superior vena cava, and inferior vena cava

Pathology

- Pericardial effusion

Features

- Complete anatomical structure for TTE and TEE cardiac ultrasound.
- Optional transparent model allows direct observation of internal anatomical structures.
- Easy to refill the pericardial effusion to simulate different clinical scenarios.

Consumables:
Refill Fluid (Transparent) MU-E-FLUID03-C

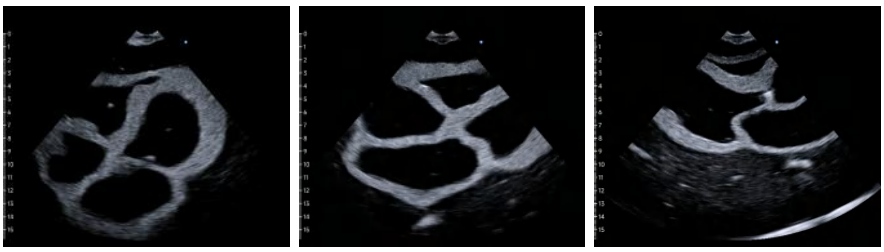
Cardiac Examination Ultrasound Model (Without Pathologies)



MU-E-HEART01A-MNT Transparent



MU-E-HEART01A-MNS Skin Tone



Designed to replicate the human cardiac anatomy, this model features tissue-mimicking acoustic properties. Compatible with any transesophageal echocardiography (TEE) probe and phased array probe, it delivers realistic ultrasound images, serving as a training tool for cardiac ultrasound examinations. Available in skin-tone and transparent versions.

Training Skills & Applications

- TTE (Transthoracic Echocardiography)
- TEE (Transesophageal Echocardiography)

Anatomy

- Human head, chest, and nipples
- Sternum, ribs, rib arch, xiphoid process
- Oral cavity, esophagus, and heart
- Left atrium, right atrium, left ventricle, right ventricle, and pericardium
- Ascending aorta, aortic arch, superior vena cava, and inferior vena cava

Pathology

- None

Features

- Complete anatomical structure for TTE and TEE cardiac ultrasound.
- Optional transparent model allows direct observation of internal anatomical structures.

Pediatric Cardiac Ultrasound Model



MU-E-PEHEART-MNT Transparent



MU-E-PEHEART-MNS Skin Tone



This model replicates the anatomical structures of a 5-year-old child' s head and chest, compatible with both transesophageal ultrasound probes and phased array probes. It serves as a practical training tool for pediatric cardiac ultrasound examinations and ultrasound-guided pericardiocentesis.

Training Skills & Applications

- TTE (Transthoracic Echocardiography)
- TEE (Transesophageal Echocardiography)
- Ultrasound examination of pericardial effusion
- Ultrasound guided pericardiocentesis

Anatomy

- 5-year-old child head, chest, and nipples
- Sternum, ribs, rib arch, xiphoid process
- Oral cavity, esophagus, and heart
- Left atrium, right atrium, left ventricle, right ventricle, and pericardium
- Ascending aorta, aortic arch, superior vena cava, and inferior vena cava

Pathology

- Pericardial effusion

Features

- Complete anatomical structure for TTE and TEE cardiac ultrasound.
- Optional transparent model allows direct observation of internal anatomical structures.
- Easy to refill the pericardial effusion to simulate different clinical scenarios.

Consumables:
Refill Fluid (Transparent) MU-E-FLUID03-C

Pediatric Cardiac Ultrasound Model (Without Pathologies)



MU-E-PEHEART1-MNT Transparent



MU-E-PEHEART1-MNS Skin Tone



Designed from a real 5-year-old child' s anatomy, this model features precise anatomical structures including the face, oral cavity, esophagus, sternum, heart, and great vessels. With tissue-mimicking acoustic properties, it supports hands-on training for transesophageal echocardiography (TEE) and transthoracic echocardiography (TTE) using transesophageal and transthoracic ultrasound probes. Available in skin-tone and transparent versions.

Training Skills & Applications

- TTE (Transthoracic Echocardiography)
- TEE (Transesophageal Echocardiography)

Anatomy

- 5-year-old child head, chest, and nipples
- Sternum, ribs, rib arch, xiphoid process
- Oral cavity, esophagus, and heart
- Left atrium, right atrium, left ventricle, right ventricle, and pericardium
- Ascending aorta, aortic arch, superior vena cava, and inferior vena cava

Pathology

- None

Features

- Complete anatomical structure for TTE and TEE cardiac ultrasound.
- Optional transparent model allows direct observation of internal anatomical structures.

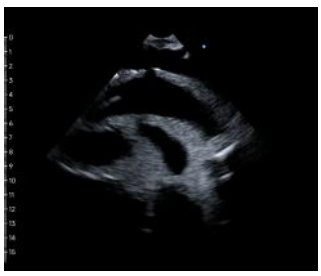
Pediatric Cardiac Examination Ultrasound Model



MU-E-PHEA-MNT Transparent



MU-E-PHEA-MNS Skin Tone





This model simulates the anatomy of a 5-year-old child with a realistic precordial thoracic contour and anatomically accurate cardiac structure. Its material has acoustic properties similar to human tissue, supporting training for pediatric TTE, TEE, and ultrasound-guided pericardiocentesis.

Training Skills & Applications

- TTE (Transthoracic Echocardiography)
- TEE (Transesophageal Echocardiography)
- Ultrasound examination of pericardial effusion
- Ultrasound guided pericardiocentesis

Anatomy

- 5-year-old child chest, and nipples
- Esophagus, and heart
- Left atrium, right atrium, left ventricle, right ventricle, and pericardi-
- um
  Ascending aorta, aortic arch, superior vena cava, and inferior vena
- cava

Pathology

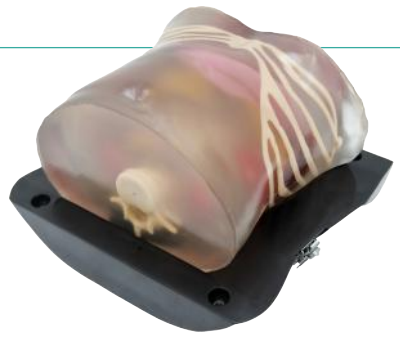
- Pericardial effusion

Features

- Support both TTE and TEE cardiac ultrasound.
- Optional transparent model allows direct observation of internal anatomical structures.
- Easy to refill the pericardial effusion to simulate different clinical scenarios.

Consumables:
Refill Fluid (Transparent) MU-E-FLUID03-C

Abdominal Ultrasound Model



MU-E-ABDOMINAL-MNT Transparent



MU-E-ABDOMINAL-MNS Skin Tone






This model replicates the lower thoracic to abdominal anatomy of an adult male, offered in both skin-tone and transparent variants. Featuring lesions in multiple abdominal organs, it serves as an ideal training tool for abdominal ultrasound examinations.

Training Skills & Applications

- Teaching of anatomical structure of abdominal organs
- Ultrasound image identification of abdominal organs and lesions

Anatomy

- Lower chest to abdomen, nipples, umbilicus
- Ribs, rib arch, xiphoid process, vertebral column
- Liver, gallbladder, pancreas, spleen, kidney, ureter
- Inferior vena cava, abdominal aorta, splenic vein
- Left hepatic vein, middle hepatic vein, right hepatic vein, and portal vein

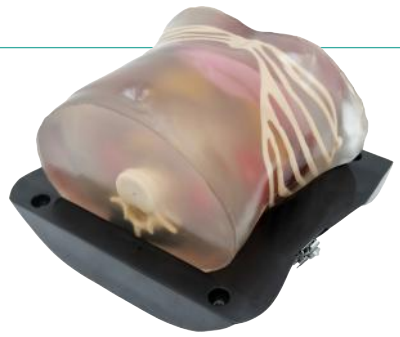
Pathology

- Lesions in liver, gallbladder, pancrease, spleen and kidneys
- Abdominal aortic aneurysm, gallstone

Features

- Optional transparent model allows direct observation of internal anatomical structures.
- An excellent model for abdominal ultrasound teaching, featuring intricate internal anatomical structures with detailed organs and lesions integration.

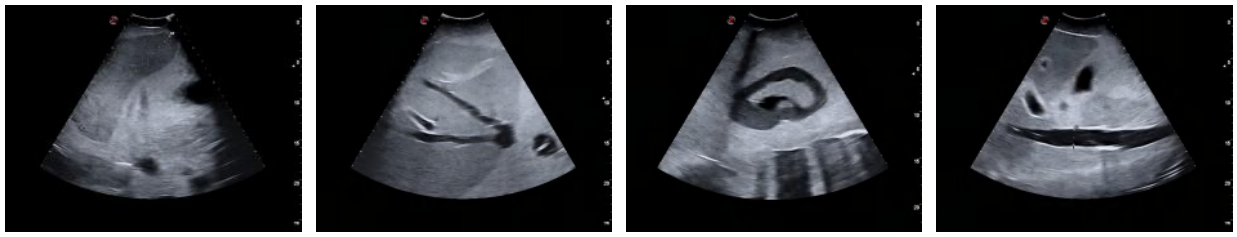
Abdominal Ultrasound Model (Without Pathologies)



MU-E-ABDOMINAL1-MNT Transparent



MU-E-ABDOMINAL1-MNS Skin Tone



This model is designed from real human CT data, simulating the anatomical structure of abdominal organs. Its tissue-mimicking acoustic properties support skill training for abdominal ultrasound examination and image optimization with any ultrasound device. Available in skin-tone and transparent versions.

Training Skills & Applications

- Teaching of anatomical structure of abdominal organs
- Ultrasound image identification of abdominal organs

Anatomy

- Lower chest to abdomen, nipples, and umbilicus
- Ribs, rib arch, xiphoid process, and spine
- Liver, gallbladder, pancreas, spleen, kidney, ureter
- Inferior vena cava, abdominal aorta, and splenic vein
- Left hepatic vein, middle hepatic vein, right hepatic vein, and portal vein

Pathology

- None

Features

- Optional transparent model allows direct observation of internal anatomical structures.
- An excellent model for abdominal ultrasound teaching, featuring intricate internal anatomical structures with detailed organs.

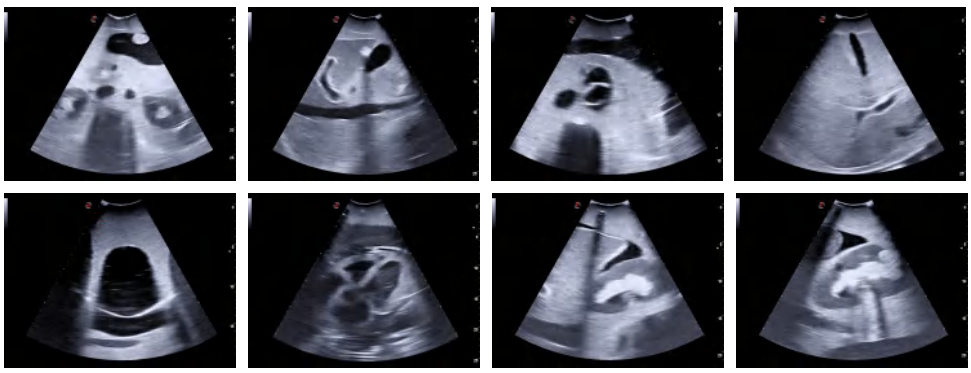
Integrated Ultrasound Diagnosis Simulator



MU-E-INTUD-MNT Transparent



MU-E-INTUD-MNS Skin Tone



This adult male model comprises a head and full torso extending to the thigh roots, incorporating major organs with corresponding lesions. It is designed to deliver a realistic teaching and training platform for eFAST, abdominal organ ultrasound examinations, and cardiac ultrasound examinations.

Training Skills & Applications

- eFAST
- Ultrasound examination of abdominal organs and lesions
- TTE (Transthoracic Echocardiography)
- Measurement of optic nerve sheath diameter (ONSD)
- Thyroid ultrasound examination

Anatomy

- Full torso with head to upper one-third of thighs, nipples, umbilicus, pubic symphysis
- Sternum, ribs, rib arch, xiphoid process, vertebral column
- Stomach, heart, lungs, liver, gallbladder, pancreas, spleen, kidneys, bladder, pelvic cavity，thyroids
- Inferior vena cava, abdominal aorta, splenic vein
- Double eyeballs, optic nerve (sheath)
- Left hepatic vein, middle hepatic vein, right hepatic vein, portal vein

Pathology

- Pericardial effusion, hepatorenal space effusion, splenorenal space effusion, pelvic effusion, pneumothorax, pleural effusion
- Lesions in thyroids，liver, gallbladder, pancreas, spleen, kidneys and appendix
- Abdominal aortic aneurysm
- Edema of optic nerve

Features

- Optional transparent model allows direct observation of internal anatomical structures.
- Simulating internal hemorrhage in thoracic and abdominal organs under different traumatic conditions.
- Easy to refill the pericardial effusion and pleural effusion.
- Supporting ultrasound examinations of multiple organ lesions.

Consumables:
Refill Fluid (Red) MU-E-FLUID01-C

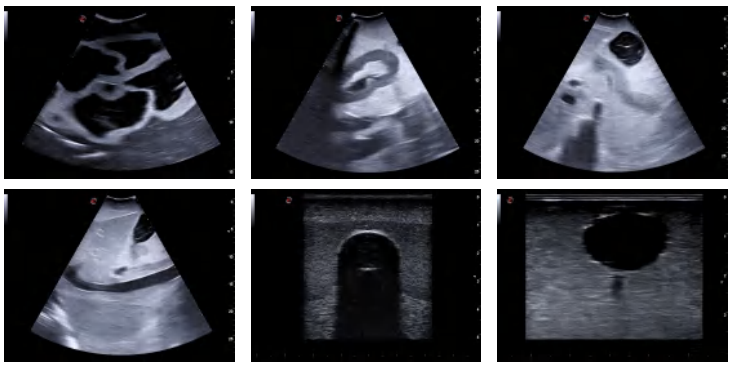
Integrated Ultrasound Diagnosis Simulator (Without Pathologies)



MU-E-INTUD1-MNT Transparent



MU-E-INTUD1-MNS Skin Tone



This model features a full torso from head to thigh root, including the thorax, abdomen, and back, with key internal organs. It provides a realistic training platform for abdominal organ ultrasound and transthoracic echocardiography (TTE). Available in skin-tone and transparent versions.

Training Skills & Applications

- Ultrasound examination of abdominal organs
- TTE (Transthoracic Echocardiography)
- Measurement of optic nerve sheath diameter (ONSD)
- Thyroid ultrasound examination

Anatomy

- Full torso with head to upper one-third of thighs, nipples, umbilicus, pubic symphysis
- Sternum, ribs, rib arch, xiphoid process, vertebral column
- Stomach, heart, lungs, liver, gallbladder, pancreas, spleen, kidneys, bladder, pelvic cavity, thyroid
- Inferior vena cava, abdominal aorta, splenic vein
- Double eyeballs, optic nerve (sheath)
- Left hepatic vein, middle hepatic vein, right hepatic vein, portal vein

Pathology

- None

Features

- Optional transparent model allows direct observation of internal anatomical structures.
- Features precise anatomical details including organ morphology, major vascular structures, and topographic relationships.
- Covers thoracic and abdominal organs, heart, thyroid, eyeballs, and optic nerves for multi-region training.
- Presents favorable tissue echogenicity and is compatible with common ultrasound systems, delivering a scanning experience that closely mirrors clinical practice.

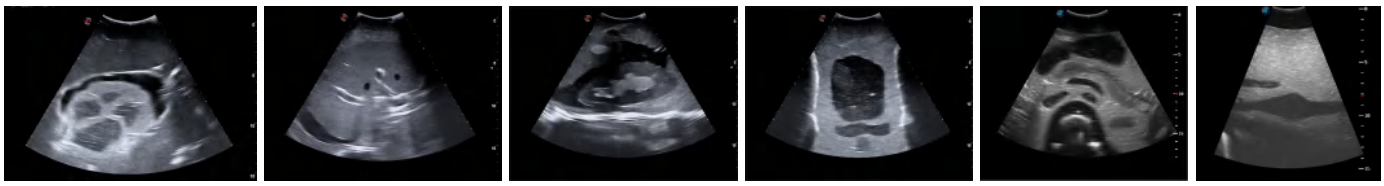
Integrated Pediatric Ultrasound Diagnosis Simulator



MU-E-INTUD-MNT Transparent



MU-E-INTUD-MNS Skin Tone



This simulator replicates the torso of a 5-year-old male child, including the thorax, abdomen, and back. It features key internal organs and simulates multiple post-traumatic hemorrhages/effusion as well as various common lesions within the organs.

Training Skills & Applications

- Pediatric eFAST
- Pediatric Abdominal Organ Ultrasound Examination
- Pediatric Abdominal Organ Lesion Ultrasound Identification
- Transthoracic Echocardiography (TTE)

Anatomy

- 5-year-old male child from head to leg, including the nipples, xiphoid process, umbilicus, pubic symphysis, and male external genitalia.
- Sternum, ribs, costal arches, xiphoid process, spine, and pelvis.
- Heart, lungs, liver, gallbladder, pancreas, spleen, kidneys, urinary bladder, and appendix.
- Inferior vena cava, abdominal aorta, and splenic vein.
- Left hepatic vein, middle hepatic vein, right hepatic vein, main portal vein, left portal vein branch, and right portal vein branch.

Pathology

- Pericardial effusion, hepatorenal space effusion, splenorenal space effusion, pelvic effusion, pneumothorax, pleural effusion
- Hepatic lesions (solid, cystic)
  Gallbladder lesions (stones, solid)
- Pancreatic lesions (solid, cystic, pancreatic duct dilatation)
- Splenic lesions (solid, cystic)
  Renal lesions (solid, cystic, stones)• Appendiceal lesions (appendicitis)
  Abdominal aortic aneurysm

Features

- Simulates various pathological conditions, fully supporting pediatric eFAST and focused ultrasound assessments.
- Optional transparent appearance allows direct observation of internal anatomical structures.

Consumables:
Refill Fluid (Red) MU-E-FLUID01-C

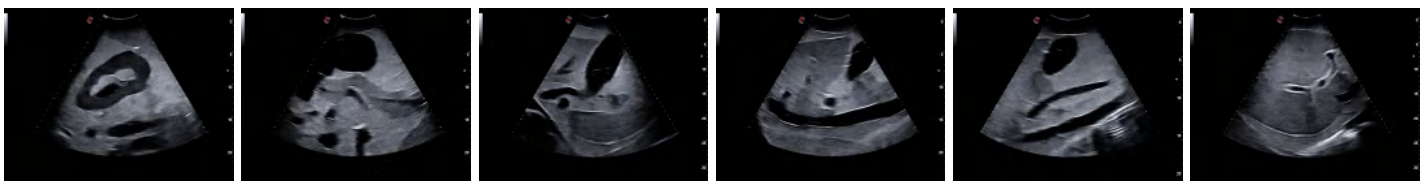
Integrated Pediatric Ultrasound Diagnosis Simulator (Without Pathologies)



MU-E-INTUD1-MNT Transparent



MU-E-INTUD1-MNS Skin Tone



This model simulates the torso of a 5-year-old male child, including the thorax, abdomen, and back. It features key internal organs. With tissue-mimicking acoustic properties, it supports hands-on training for transthoracic echocardiography (TTE) and abdominal organ ultrasound using any real ultrasound device. Available in skin-tone and transparent versions.

Training Skills & Applications

- Pediatric Abdominal Organ Ultrasound Examination
- Transthoracic Echocardiography (TTE)

Anatomy

- Simulates the external anatomy of a 5-year-old male child from head to leg, including the nipples, xiphoid process, umbilicus, pubic symphysis, and male external genitalia.
- Sternum, ribs, costal arches, xiphoid process, spine, and pelvis.
- Heart, lungs, liver, gallbladder, pancreas, spleen, kidneys, urinary bladder, and appendix.
- Inferior vena cava, abdominal aorta, and splenic vein.
- The liver contains the left hepatic vein, middle hepatic vein, right hepatic vein, main portal vein, left portal vein branch, and right portal vein branch.

Pathology

- None

Features

- Precisely replicates the anatomy of a 5-year-old child's thoracoabdominal region, including major organs and vascular structures.
- Offers realistic tissue echogenicity and compatibility with common
- ultrasound systems, delivering a highly authentic clinical scanning experience.
  Optional transparent appearance allows direct observation of internal anatomical structures.

Lung Ultrasound Training Model



MU-E-LUNG-MAS Skin Tone



This model simulates the human thoracic contour and bilateral lung anatomy, including skin, subcutaneous tissue, ribs, lungs, and common lung lesions. With tissue-mimicking acoustic properties, it supports training for common lung disease screening, ultrasound-guided pneumothorax aspiration, and thoracic effusion aspiration using any real ultrasound probe.

Training Skills & Applications

- Lung Ultrasound Screening (A-lines, B-lines, Pneumothorax, Pleural Effusion)
- Ultrasound-Guided Thoracentesis for Pleural Effusion
- Ultrasound-Guided Needle Aspiration for Pneumothorax

Anatomy

- Thoracic external anatomy and bilateral lungs
- Skin, subcutaneous tissue, ribs, lungs

Pathology

- Pulmonary consolidation, inflammation
- Focal pleural effusion
- Irregular pleural thickening
- Pleural effusion, pneumothorax

Features

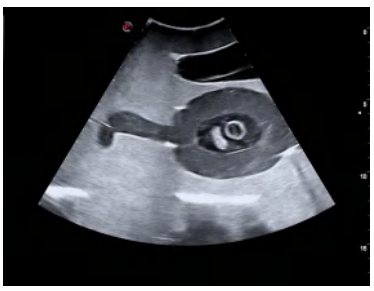
- Features realistic thoracic anatomy with dynamic respiratory simulation and adjustable breathing frequency on the right lung
- Integrates common pulmonary pathologies including consolidation, effusion, and pneumothorax.
- Modular design enables comprehensive training in both static lesion evaluation and dynamic respiratory assessment:
  - The fixed right lung simulates respiratory movement with adjustable respiratory rate
  - The flexible left lung is an embedded module, replaceable with the Pneumothorax Module, Pleural Effusion Module, Tumor Puncture Module, and Tumor Ablation Module.
- Compatible with real ultrasound devices, supporting full-process screening and puncture training.

Consumables:
Refill Fluid: (Transparent) MU-E-FLUID03-C
Replaceable Module: (Left Lung - Pneumothorax) MU-E-LUNG-PR (Left Lung - Pleural Effusion) MU-E-LUNG-ER
(Left Lung - Tumor Puncture) MU-E-LUNG-TR (Left Lung - Tumor Ablation) MU-E-LUNG-AR

Early Pregnancy Ultrasound Examination Model
(7 weeks of pregnancy)



MU-E-FETAL01-MNS Skin Tone


This 7-week pregnancy model replicates the anatomy of the female pelvic cavity, supporting teaching and training for both transvaginal and transabdominal early pregnancy ultrasound examinations.

Training Skills & Applications
- Trans-abdominal ultrasound examination in early pregnancy
- Trans-vaginal ultrasound examination in early pregnancy

Anatomy
- Female pelvic appearance, female perineum
- Vagina, uterus, fallopian tubes, ovaries, bladder
- Gestational sac with embryo and yolk sac

Pathology
- None

Features
- Realistic anatomical structure of the early pregnancy at 7 weeks.
- Support trans-abdominal and trans-vaginal ultrasound examination.

Early Pregnancy Fetal Ultrasound Screening Model
(12 weeks of pregnancy)



MU-E-FETAL02-MNS Skin Tone



This 12-week pregnancy model replicates the female pelvic cavity anatomy, and is suitable for teaching and training in transabdominal ultrasound examinations for fetal Nuchal Translucency (NT) screening and early pregnancy fetal biometry.

Training Skills & Applications

- Trans-abdominal ultrasound examination of fetus in early pregnancy
- Measurement of fetus NT
- Measurement of fetus CRL

Anatomy

- Female abdomon and pelvic cavity at 12 weeks of pregnancy, female perineum
- Vagina, uterus, bladder, 12-week fetus, placenta, umbilical cord, amniotic cavity, and amniotic fluid
- Fetus has head, nuchal translucency, torso, limbs

Pathology

- None

Features

- Realistic anatomical structure of the early pregnancy at 12 weeks.
- Superb training model for fetus measurement in early pregnancy.
- Support trans-abdominal and trans-vaginal ultrasound examination.

Mid-trimester Pregnancy Ultrasound Model
(24 weeks of pregnancy)



MU-E-FETAL03-MNS Skin Tone





This 24-week pregnancy model replicates the female pelvic cavity anatomy with a fetus enclosed within. The fetus features precise anatomical structures and an adjustable position for flexible manipulation, serving as an excellent educational platform for second-trimester pregnancy ultrasound examinations.

Training Skills & Applications

- Ultrasound examination of fetus in the second trimester (24W)
- Measurement of fetal BPD, CRL, AC, HC, FL to estimate gestational age
- Ultrasound examination of fetal brain, four-chamber heart, liver, kidney, bladder, and great vessels

Anatomy

- 24-week pregnant woman's abdomen with fetus inside
- Fetus anatomical structure: head, nose, brain, cerebellum, brain stem, lateral ventricle, heart (left atrium, left ventricle, right atrium, right ventricle), kidneys, stomach, liver, bladder, external genitalia, vertebral column, limbs , bones
- Uterus, amniotic fluid, umbilical cord, placenta

Pathology

- None

Features

- An innovative design that can simulate breech position and cephalic position of the fetus and support ultrasound examination from multiple angles.
- Superb training model for fetus measurement in mid pregnancy.

Female Pelvic Disease Ultrasound Examination Model



MU-E-OBGY01-MNS Skin Tone



This model replicates the female pelvic anatomy, supporting teaching and training for gynecological disease ultrasound examinations via both transvaginal and transabdominal approaches.

Training Skills & Applications

- Trans-abdominal ultrasound examination of gynecological disease
- Trans-vaginal ultrasound examination of gynecological disease
- Ultrasound image identification of uterine fibroid, ovarian cyst, and ovarian tumor

Anatomy

- Female pelvic cavity, female perineum
- Vagina, cervix, uterus, fallopian tubes, ovaries, bladder

Pathology

- Fibroids, pelvic effusion, ovarian tumors, ovarian cyst

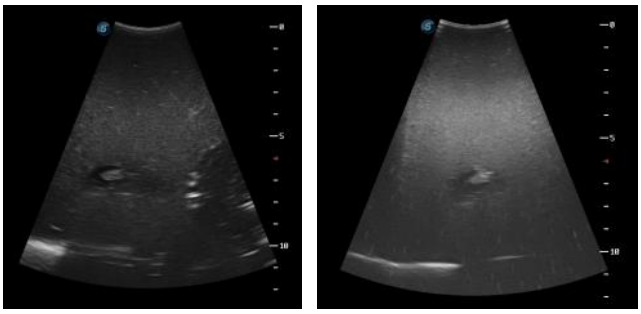
Features

- Containing multiple types of lesions in different locations.
- Support trans-abdominal and trans-vaginal ultrasound examination.

Ectopic Pregnancy Ultrasound Examination Model



MU-E-OBGY02-MNS Skin Tone



This model simulates the anatomical structure of the female pelvic cavity, supporting the teaching and training of ultrasound examinations for ectopic pregnancy via both transvaginal and transabdominal approaches.

Training Skills & Applications

- Trans-abdominal pelvic ultrasound examination of ectopic pregnancy
- Trans-vaginal pelvic ultrasound examination of ectopic pregnancy
- Ultrasound identification of ectopic pregnancy sac

Anatomy

- Female pelvic cavity, female perineum
- Vagina, cervix, uterus, fallopian tubes, ovaries, bladder

Pathology

- Ectopic pregnancy in right fallopian tube

Features

- Realistic anatomical structure and ectopic lesion.
- Support trans-abdominal and trans-vaginal ultrasound examination.

Sonohysterography and Sonosalpingography Ultrasound Model



MU-E-OBGY03-MNS Skin Tone



This model replicates the anatomical structure of the female pelvic cavity, serving as a practical tool for the teaching and training of the complete procedures of sonohysterography and sonosalpingography.

Training Skills & Applications

- Transvaginal and trans-abdominal sonohysterography
- Transvaginal and trans-abdominal sonosalpingography
- Ultrasound examination and identification of uterine fibroids, ovarian cysts, ovarian tumors, and blocked fallopian tubes
- Ultrasound examination of pelvic effusion

Anatomy

- Female pelvic cavity, female perineum
- Vagina, cervix, uterus, fallopian tubes, ovaries, bladder

Pathology

- Uterine fibroids, ovarian cysts, ovarian tumors, blocked fallopian tube(one side), pelvic effusion

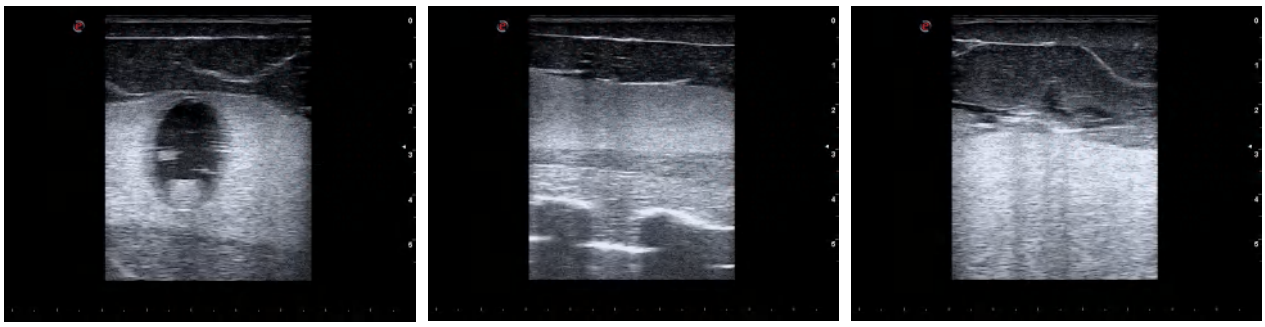
Features

- Superb training model for sonohysterography and sonosalpingography.
- Simulated contrast agent can be injected to simulate the realistic training process.

Breast Ultrasound Diagnosis Model



MU-E-BRE-MNS Skin Tone



This model simulates the contour and internal anatomy of the anterior chest and bilateral breasts of an adult female, including breast skin, glands, ligaments, fat, and breast lesions with varying echogenicity. Featuring human-like tissue properties, it supports training for breast ultrasound diagnostic skills—such as breast anatomical structure identification, breast lesion detection, and breast ultrasound elastography—using real ultrasound equipment.

Training Skills & Applications

- Breast ultrasound anatomy demonstration
- Breast ultrasound examination technique training
- Training in size measurement, echo characteristics, location positioning, and shape description of common breast lesions
- Breast elastography ultrasound examination

Anatomy

- Female anatomy from neck to upper abdomen, including bilateral breasts, supraclavicular fossae, and axillae
- Palpable surface landmarks based on bony structures such as the manubrium sterni, bilateral clavicles, sternum, xiphoid process, and ribs
- Skin, fat, mammary glands, mammary ducts, lobules of the breast, Cooper's ligaments, subglandular fat, and pectoralis major muscles

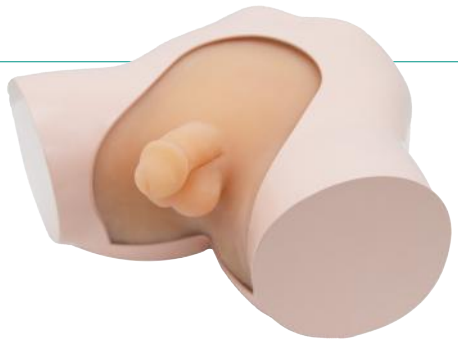
Pathology

- Benign breast tumors, malignant breast tumors, breast cysts, mammary duct ectasia, mammary duct papillomas, axillary lymphadenopathy, supraclavicular fossa lymphadenopathy

Features

- Includes 10+ clinical cases with varying echogenicity and morphology
- Comprehensive scanning training across all quadrants and lymph nodes

Bladder Disease Screening Ultrasound Mode



MU-E-BUS-MNS Skin Tone



This model simulates the human pelvic contour and internal bladder anatomy, with simulated urine and various lesions inside the bladder. Featuring tissue-mimicking acoustic properties, it supports ultrasound training for bladder volume assessment and screening of bladder wall and intravesical lesions.

Training Skills & Applications

- Ultrasound measurement of bladder volume
- Ultrasound screening for bladder wall diseases
- Ultrasound screening for bladder lumen diseases

Anatomy

- Male pelvic contour, male external genitalia, lithotomy position
- Skin, subcutaneous tissue, bladder, rectum
  Different bladder screening modules

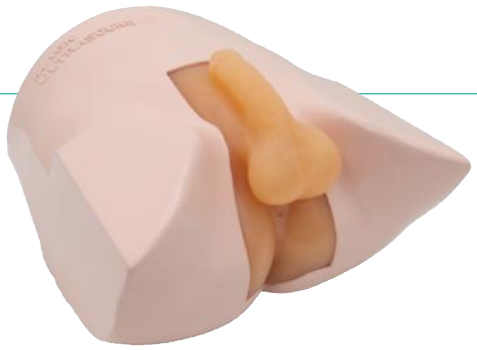
Pathology

- Bladder wall lesions (bladder wall thickening, mass lesions)
- Bladder lumen lesions (stones, foreign bodies)
- Bladders with different urine volumes

Features

- Realistic pelvic anatomy with excellent acoustic properties for authentic bladder ultrasound imaging.
- Interchangeable bladder screening modules simulating various wall and cavity pathologies.
- Comprehensive training in bladder volume measurement, lesion screening, and urine volume assessment.

Scrotum and Prostate Ultrasound Examination Model



MU-E-SCR-MNS Skin Tone



This model simulates the anatomical structure of a male pelvis and scrotum, serving as an ideal teaching tool for the training of scrotal and prostatic ultrasound examinations.

Training Skills & Applications

- Ultrasound examination of scrotum
- Ultrasound examination of prostate
- Ultrasound identification of lesions in scrotum and prostate

Anatomy

- Scrotum, penis, testicles, epididymis, prostate, seminal vesicle
- Anus, rectum, bladder

Pathology

- Tumors in epididymis, testicle, and prostate
- Hydrocele

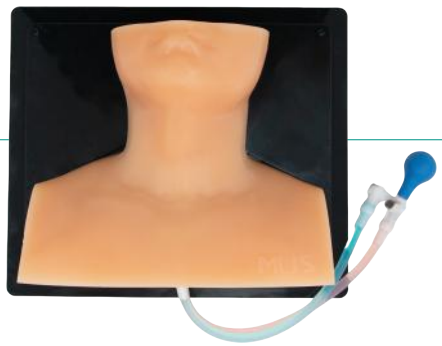
Features

- Integrate types of lesions in different locations.
- Accurate external and internal anatomical structures.

Thyroid Diagnosis Ultrasound Model

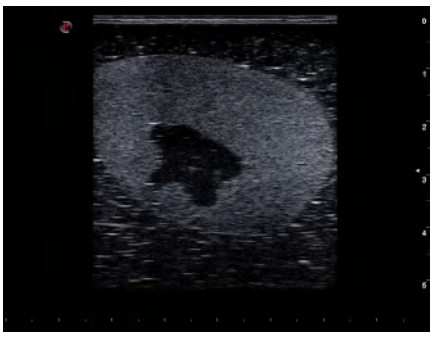


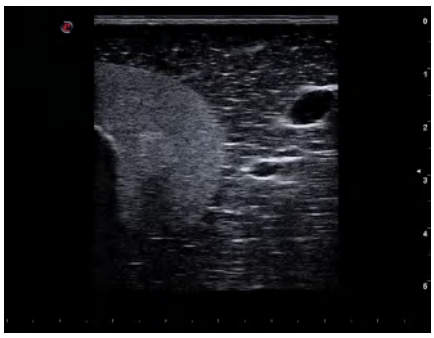
MU-E-THYROID-MHT Transparent, Hand Pump



MU-E-THYROID-MHS Skin Tone, Hand Pump







This model simulates the thyroid gland and its adjacent structures, serving as an ideal teaching tool for the training of thyroid ultrasound examinations and ultrasound-guided thyroid puncture procedures.

Training Skills & Applications

- Thyroid ultrasound examination
- Ultrasound-guided puncture and biopsy of thyroid tumor
- Ultrasound examination of common carotid artery and internal jugular vein

Anatomy

- Jaw, neck, upper front chest
- Trachea, sternal manubrium, bilateral clavicles
- Thyroid
- Common carotid artery and internal jugular vein

Pathology

- Thyroid tumors of different shapes and echos

Features

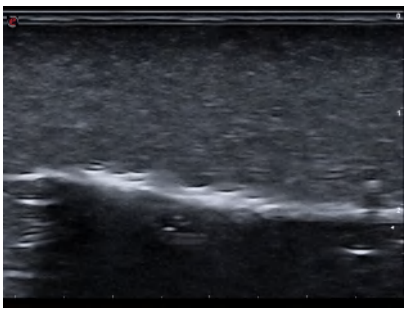
- Optional transparent model allows direct observation of internal anatomical structures.
- Simulate thyroid tuomrs with different shapes and echoes.
- Equipped with a hand pump to simulate arterial pulse which can be palpated on the body surface.

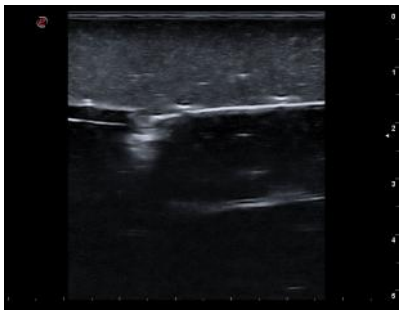
Consumables:
Refill Fluid (Red) MU-E-FLUID01-C (Blue) MU-E-FLUID02-C

Fracture Ultrasound Examination Training Block



MU-E-CATA-BNS Skin Tone





This model incorporates built-in ribs and fibulas, simulating complete rib fractures and greenstick fibula fractures. With tissue-mimicking acoustic properties, it supports ultrasound examination training for various fracture patterns using real clinical ultrasound equipment.

Training Skills & Applications

- Fracture ultrasound image identification

Anatomy

- A segment of rib
- A segment of fibula

Pathology

- Complete bone fracture
- Greenstick fracture

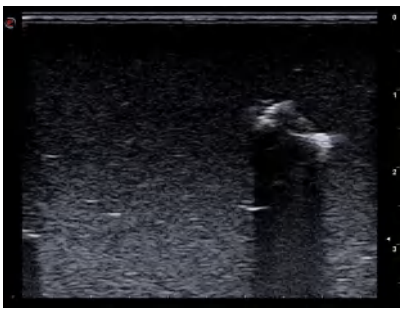
Features

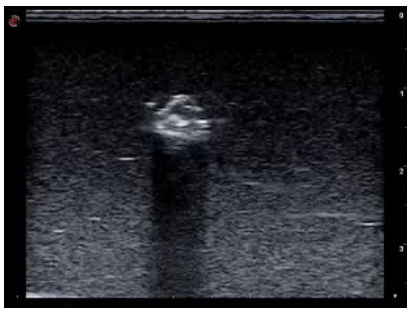
- Human-like curved surface shape.
- Simulates realistic rib and fibula fractures for comprehensive ultrasound examination training.
- Features human-like acoustic properties and compatibility with clinical ultrasound systems.

Foreign Body Ultrasound Examination Training Block



MU-E-FOR-BNS Skin Tone





Designed to match the human body's curvature, this model contains various foreign bodies (glass, gravel, iron nails, wood chips, etc.). With tissue-mimicking acoustic properties, it supports training for detecting the shape and nature of foreign bodies using real clinical ultrasound equipment.

Training Skills & Applications

- Ultrasound identification of common soft tissue foreign bodies

Anatomy

- Multiple foreign body lesions

Pathology

- Soft tissue foreign bodies: glass, gravel, iron nails, and wood chips

Features

- Contains various common foreign materials including glass, wood, and metal.
- Accurately simulates foreign body ultrasound images to enhance detection and localization skills.



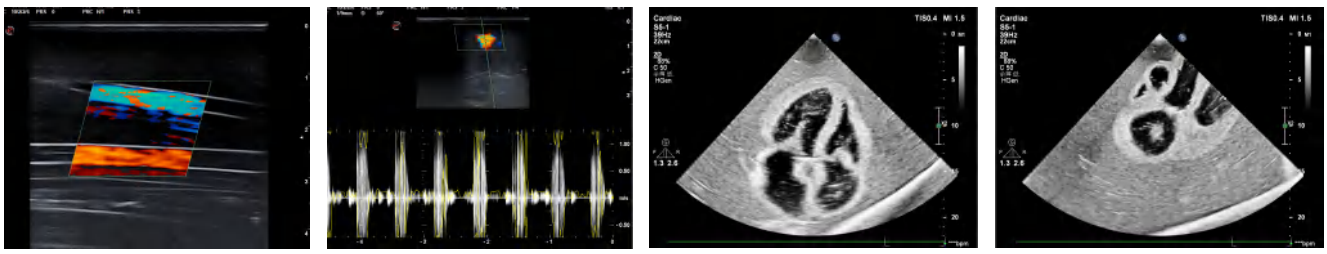
Ultrasound Intervention

- Vascular Access
- Regional Anesthesia
- Drainage Procedures
- Prenatal Diagnosis
- Punctures/Biopsy/Ablation
- Intraoperative Ultrasound

ECMO and CRRT Catheterization Ultrasound Simulator



MU-E-ECMOCRRT-MAS Skin Tone, Auto Pump



This full torso model extends from the head to the upper one-third of the thighs. Featuring an integrated automatic pump, it simulates human blood circulation and provides a realistic, integrated training platform for ultrasound-guided ECMO and CRRT procedures when connected to actual clinical equipment.

Training Skills & Applications

- Ultrasound guided VA-ECMO or VV-ECMO via internal jugular vein, femoral artery and femoral vein
- Ultrasound guided CRRT
- TTE (Transthoracic Echocardiography)

Anatomy

- From the head to the upper one-third of thighs, with the head tilted to the left and the right side of the neck as the vascular puncture site
- Right internal jugular vein, common carotid artery
- Femoral artery and vein, abdominal aorta, inferior vena cava
- Heart with anatomical structure of left atrium, right atrium, left ventricle, right ventricle, superior vena cava, inferior vena cava and aortic arch

Pathology

- None

Features

- Allowing connection to real ECMO and CRRT equipment for training.
- Equipped with an auto pump to simulate blood circulation and arterial pulse.
- Containing additional replaceable puncture modules to ensure the best training experience.
- The puncture modules can be purchased separately for replacement.
- Easy to refill simulated blood.

Consumables:
Refill Fluid (Red) MU-E-FLUID01-C
Replaceable Module (Transparent) MU-E-ECMO-RAT (Skin Tone) MU-E-ECMO-RAS

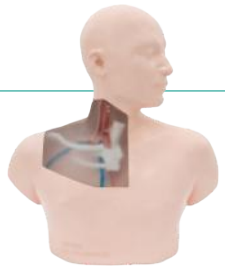
CVC Ultrasound Model



MU-E-CVC-MAT Transparent, Auto Pump



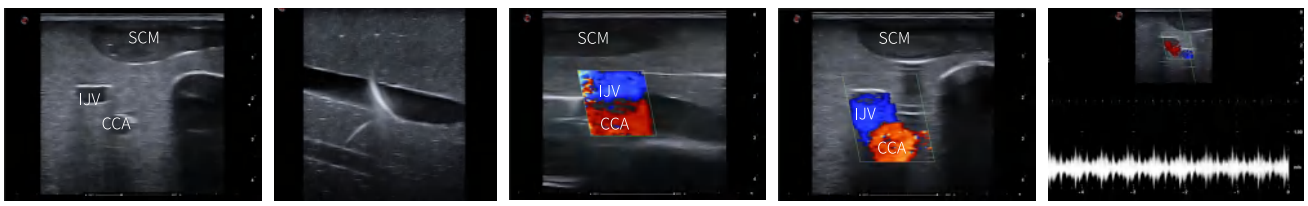
MU-E-CVC-MAS Skin Tone, Auto Pump



MU-E-CVC-MHT Transparent, Hand Pump



MU-E-CVC-MHS Skin Tone, Hand Pump



This model simulates an adult male upper torso with the right-side integrated CVC module. It supports the full-process teaching and training of CVC placement via the internal jugular vein and subclavian vein.

Training Skills & Applications

- Ultrasound-guided CVC skill training via internal jugular vein and subclavian vein
- Blind central line placement via internal jugular vein and subclavian vein
- Doppler ultrasound examination of internal jugular vein and common carotid artery (auto pump models only)

Anatomy

- Trachea, sternal manubrium, clavicle, and sternocleidomastoid muscle
- Vascular in right: internal jugular vein, common carotid artery, subclavian vein, subclavian artery, axillary vein, axillary artery, brachiocephalic vein, brachiocephalic trunk

Pathology

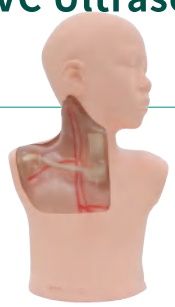
- None

Features

- Optional transparent model.
- Simulating the arterial pulse which can be palpated on the body surface.
- Easy to refill the simulated blood.
- Auto pump model: Simulating realistic blood circulation and arterial pulse to enable Doppler ultrasound examination. The pulse rate can be adjusted.

Consumables:
- Auto Pump Model: Refill Fluid (Red) MU-E-FLUID01-C Replaceable Module (Transparent) MU-E-CVC-RAT (Skin Tone) MU-E-CVC-RAS
- Hand Pump Model: Refill Fluid (Red) MU-E-FLUID01-C (Blue) MU-E-FLUID02-C
Replaceable Module (Transparent) MU-E-CVC-RHT (Skin Tone) MU-E-CVC-RHS

Pediatric CVC Ultrasound Model



MU-E-PEDCVC-MAT Transparent, Auto Pump



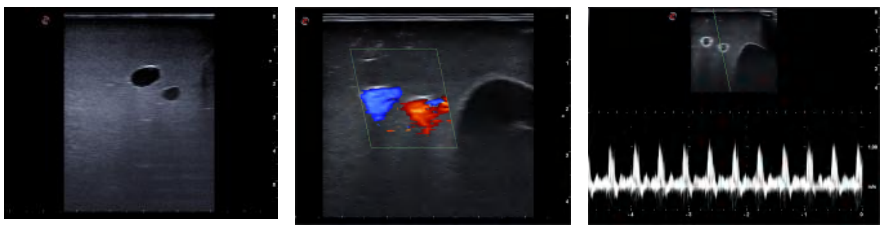
MU-E-PEDCVC-MAS Skin Tone, Auto Pump



MU-E-PEDCVC-MHT Transparent, Hand Pump



MU-E-PEDCVC-MHS Skin Tone, Hand Pump



This model simulates the upper torso of a 5-year-old child, with the right-side area configured as the CVC (Central Venous Catheterization) module. It supports the full-process teaching and training of CVC procedures via the internal jugular vein and subclavian vein access routes.

Training Skills & Applications

- Ultrasound-guided CVC skill training via internal jugular vein and subclavian vein
- Blind central line placement via internal jugular vein and subclavian vein
- Doppler ultrasound examination of internal jugular vein and common carotid artery (auto pump models only)

Anatomy

- 5-year-old child upper torso with head
- Trachea, sternal manubrium, and clavicle
- Vascular in right: internal jugular vein, common carotid artery, subclavian vein, subclavian artery, axillary vein, brachiocephalic vein, brachiocephalic trunk

Pathology

- None

Features

- Optional transparent model.
- Simulating the arterial pulse which can be palpated on the body surface.
- Easy to refill the simulated blood.
- Auto pump model: Simulating realistic blood circulation and arterial pulse to enable Doppler ultrasound examination. The pulse rate can be adjusted.

Consumables:
- Auto Pump Model: Refill Fluid (Red) MU-E-FLUID01-C Replaceable Module (Transparent) MU-E-PCVC-RAT (Skin Tone) MU-E-PCVC-RAS
-Hand Pump Model: Refill Fluid (Red) MU-E-FLUID01-C (Blue) MU-E-FLUID02-C
Replaceable Module (Transparent) MU-E-PCVC-RHT (Skin Tone) MU-E-PCVC-RHS

PICC Ultrasound Model



MU-E-PICC-MAT Transparent, Auto Pump



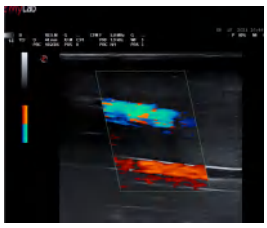
MU-E-PICC-MAS Skin Tone, Auto Pump

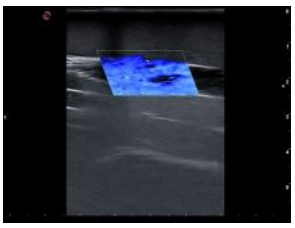


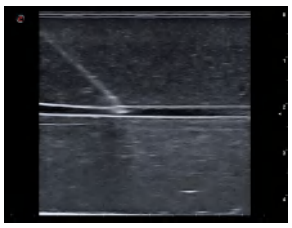
MU-E-PICC-MHT Transparent, Hand Pump



MU-E-PICC-MHS Skin Tone, Hand Pump







This model features an adult right chest, shoulder, and extended right arm, designed to provide a realistic teaching and training tool for ultrasound-guided PICC procedures.

Training Skills & Applications

- Ultrasound-guided PICC placement
- Ultrasound-guided puncture of internal jugular vein

Anatomy

- Adult right thorax, shoulder, and right arm
- Basilic vein, median cubital vein, cephalic vein, axillary vein, subclavian vein, cephalobrachial vein, superior vena cava, brachial artery, axillary artery, subclavian artery, right atrium

Pathology

- N/A

Features

- Optional transparent model.
- Simulating the arterial pulse which can be palpated on the body surface.
- Easy to refill the simulated blood.
- Auto pump model: Simulating realistic blood circulation and arterial pulse to enable Doppler ultrasound examination. The pulse rate can be adjusted.

Consumables:
- Auto Pump Model: Refill Fluid (Red) MU-E-FLUID01-C Replaceable Module (Transparent) MU-E-PICC-RAT (Skin Tone) MU-E-PICC-RAS
- Hand Pump Model: Refill Fluid (Red) MU-E-FLUID01-C (Blue) MU-E-FLUID02-C
Replaceable Module (Transparent) MU-E-PICC-RHT (Skin Tone) MU-E-PICC-RHS

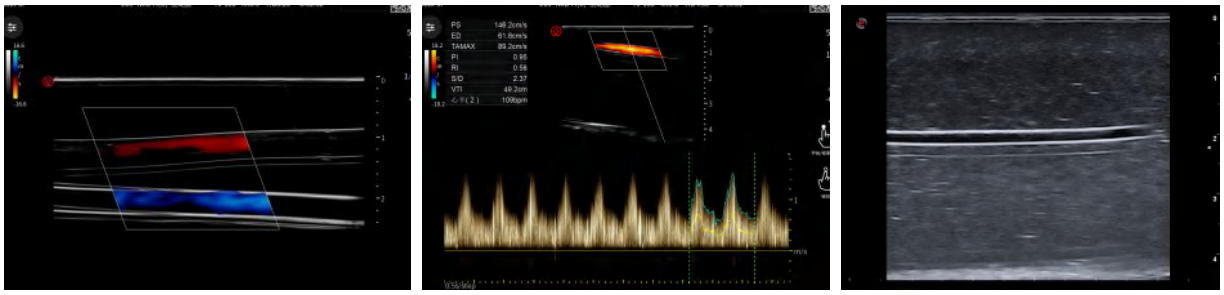
Radial Artery Puncture Ultrasound Model



MU-E-RAP-MAT Transparent, Auto Pump



MU-E-RAP-MAS Skin Tone, Auto Pump



This model features an adult right chest, shoulder, and extended right arm, designed to provide a realistic teaching and training tool for ultrasound-guided PICC procedures.

Training Skills & Applications

- Ultrasound guided radial artery puncture
- Radial artery puncture via blind approach
- Doppler examination of radial artery

Anatomy

- Human palm, and forearm
- Brachial artery, radial artery, ulnar artery, basilic vein, cephalic vein, and cubital median vein

Pathology

- None

Features

- Optional transparent model allows direct observation of internal anatomical structures.
- The auto pump simulates realistic blood circulation and arterial pulse to enable Doppler ultrasound examination.
- The pulse rate can be adjusted.
- The arterial pulse which can be palpated on the body surface.
- Easy to refill the simulated blood.

Consumables:
Refill Fluid (Red) MU-E-FLUID01-C
Replaceable Module (Transparent) MU-E-RAP-RAT (Skin Tone) MU-E-RAP-RAS

Internal Jugular Vein Puncture Ultrasound Model



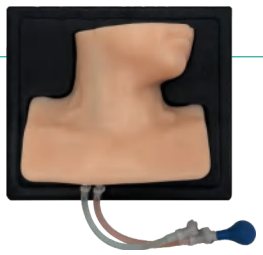
MU-E-IJV-MAT Transparent, Auto pump



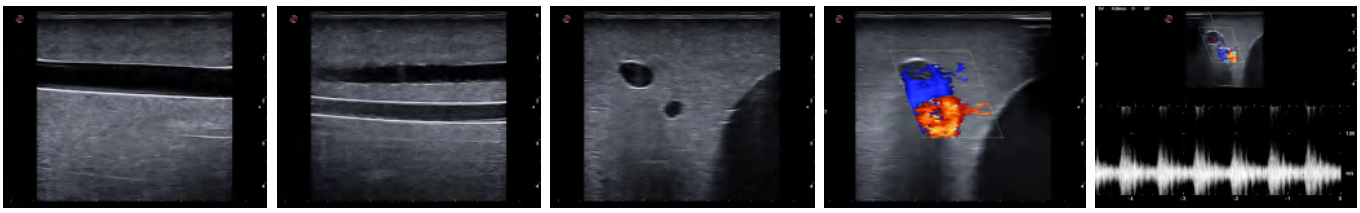
MU-E-IJV-MAS Skin Tone, Auto Pump



MU-E-IJV-MHT Transparent, Hand Pump



MU-E-IJV-MHS Skin Tone, Hand Pump



This model serves as an effective training tool for the full procedure of internal jugular vein puncture. It is available in skin-toned or transparent versions, and can be fitted with either an automatic or manual pump.

Training Skills & Applications

- Ultrasound guided puncture of internal jugular vein
- Internal jugular vein puncture via blind approach
- Ultrasound examination of internal jugular vein and artery

Anatomy

- Lower half head, neck, with upper front chest
- Trachea, sternal manubrium, and clavicle
- Right internal jugular vein, common carotid artery, brachiocephalic vein, brachiocephalic trunk

Pathology

- None

Features

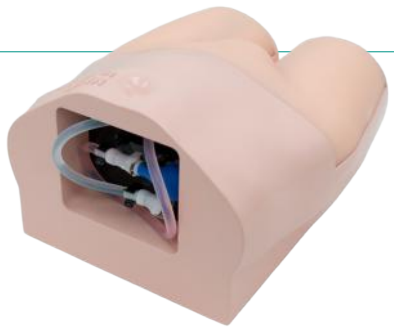
- Optional transparent model.
- Simulating the arterial pulse which can be palpated on the body surface.
- Easy to refill the simulated blood.
- Auto pump model: Simulating realistic blood circulation and arterial pulse to enable Doppler ultrasound examination. The pulse rate can be adjusted.

Consumables:
- Auto Pump Model: Refill Fluid (Red) MU-E-FLUID01-C Replaceable Module (Transparent) MU-E-IJV-RAT (Skin Tone) MU-E-IJV-RAS
- Hand Pump Model: Refill Fluid (Red) MU-E-FLUID01-C (Blue) MU-E-FLUID02-C
Replaceable Module (Transparent) MU-E-IJV-RHT (Skin Tone) MU-E-IJV-RHS

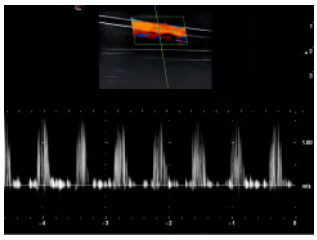
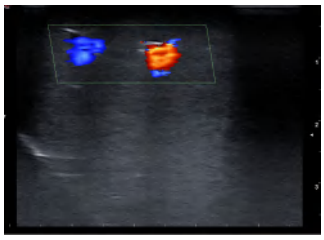
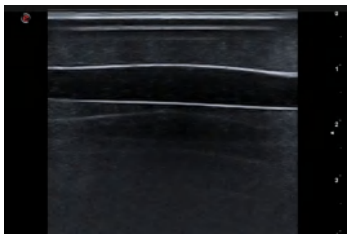
Femoral Artery and Vein Puncture Ultrasound Model



MU-E-FVC-MAS Skin Tone, Auto Pump



MU-E-FVC-MHS Skin Tone, Hand Pump


This model simulates the appearance of the human upper abdomen and the upper one-third of the thighs. It supports the teaching and training of femoral vein and artery puncture, whether guided by ultrasound or performed via blind approach.

Training Skills & Applications

- Ultrasound guided femoral vein and artery puncture
- Femoral vein and artery puncture via blind approach
- Doppler ultrasound examination of femoral vein and artery (auto pump models only)

Anatomy

- Human upper abdomen to the upper 1/3 of thighs, umbilicus, inguinal region
- Bilateral femoral artery and vein

Pathology

- None

Features

- Simulating the arterial pulse which can be palpated on the body surface.
- Easy to refill the simulated blood.
- Auto pump model: Simulating realistic blood circulation and arterial pulse to enable Doppler ultrasound examination. The pulse rate can be adjusted.

Consumables:
- Auto Pump Model: Refill Fluid (Red) MU-E-FLUID01-C Replaceable Module MU-E-FVC-RAS
- Hand Pump Model: Refill Fluid (Red) MU-E-FLUID01-C (Blue) MU-E-FLUID02-C
Replaceable Module MU-E-FVC-RHS

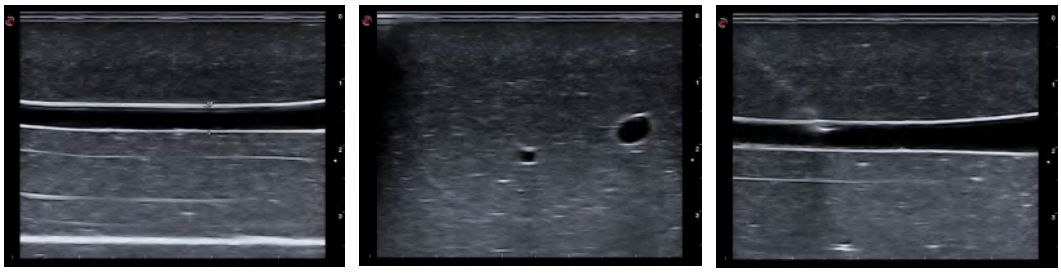
Vascular Puncture Ultrasound Block



MU-E-IV-BNT Transparent



MU-E-IV-BNS Skin Tone



This training block is designed to support the teaching and training of vascular puncture guided by ultrasound. Available in both transparent and skin tone.

Training Skills & Applications

- Ultrasound guided vascular puncture

Anatomy

- Y-shaped blood vessel x 1
- 5mm linear blood vessel x 1
- 3mm linear blood vessel x 1

Pathology

- None

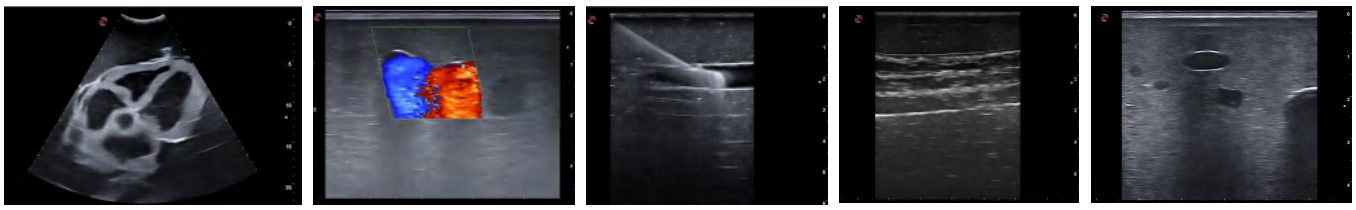
Features

- Optional transparent model allows direct observation of internal anatomical structures.
- Blood vessels of different diameters, structures and depths support vascular puncture training of varying difficulty levels.

Integrated Anesthesia Ultrasound Simulator



MU-E-ANA-MAS Skin Tone, Auto Pump



This model replicates the appearance of a human head, full torso, and the upper one-third of the thighs. Equipped with dual automatic pumps, it enables separate simulation of upper and lower blood circulation and artery pulses. It is designed to provide a realistic and integrated platform for the teaching and training of ultrasound-guided anesthesia procedures.

Training Skills & Applications

- Ultrasound guided nerve block skill training (brachial plexus, TAP and femoral nerve)
- Ultrasound guided CVC skill training(via internal jugular vein, subclavian vein and femoral vein)
- Cardiac ultrasound examination (TEE&TTE)
- Ultrasound guided femoral artery puncture

Anatomy

- Head with a full torso to upper one-third of thighs
- Oral cavity, esophagus, nipple, umbilicus
- Right internal jugular vein, common carotid artery, subclavian vein, subclavian artery, axillary artery, axillary vein and brachial plexus
- External oblique muscle, internal oblique muscle, transversus abdominis, and peritoneum
- Heart, including left atrium, right atrium, left ventricle, right ventricle, superior vena cava, inferior vena cava and aortic arch
- Bilateral femoral artery, femoral vein, and femoral nerve

Pathology

- Pericardial effusion

Features

- A comprehensive training solution that supports multiple ultrasound training skills including anesthesia, CVC and cardiac ultrasound.
- Auto pump simulates realistic blood circulation and arterial pulse, enabling Doppler ultrasound examination.
- The pulse rate can be adjusted. The arterial pulse can be palpated on the body surface.
- Easy to refill the simulated blood.

Consumables:
Refill Fluid (Red) MU-E-FLUID01-C (Transparent) MU-E-FLUID03-C
Replaceable Module (Chest) MU-E-ANAC-RAS (Abdomen) MU-E-ANAA-RAS (Femoral) MU-E-ANAF-RAS

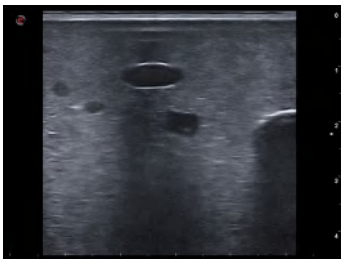
Brachial Plexus Block and CVC Ultrasound Model

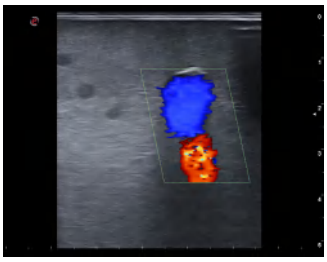
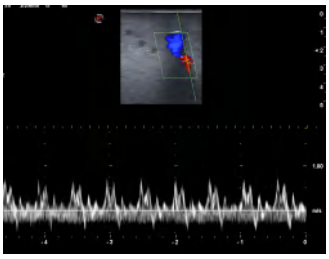


MU-E-BPBCVC-MAS Skin Tone, Auto Pump



MU-E-BPBCVC-MHS Skin Tone, Hand Pump



This model is an adult male upper torso, with a right-side module integrated for both brachial plexus block and central venous catheterization (CVC). It provides a realistic, dual-purpose training platform for the teaching and practice of these two clinical procedures.

Training Skills & Applications

- Ultrasound guided brachial plexus block
- Ultrasound-guided CVC via internal jugular vein and subclavian vein
- Central venous puncture and catheterization by blind punture

Anatomy

- Upper torso with head
- Trachea, manubrium sterni, and clavicle
- Vascular in right: internal jugular vein, common carotid artery, subclavian vein, subclavian artery, axillary vein, axillary artery, brachiocephalic vein, superior vena cava
- Right brachial plexus nerve

Pathology

- None

Features

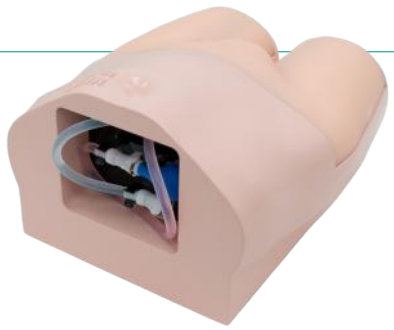
- Simulating the arterial pulse which can be palpated on the body surface.
- Easy to refill the simulated blood.
- Auto pump model: Simulating realistic blood circulation and arterial pulse to enable Doppler ultrasound examination. The pulse rate can be adjusted.

Consumables:
- Auto Pump Model: Refill Fluid (Red) MU-E-FLUID01-C Replaceable Module MU-E-BCVC-RAS
- Hand Pump Model: Refill Fluid (Red) MU-E-FLUID01-C (Blue) MU-E-FLUID02-C Replaceable Module MU-E-BCVC-RHS

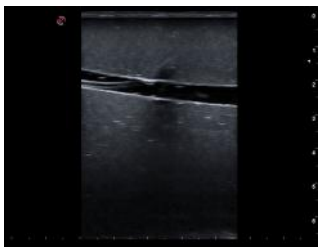
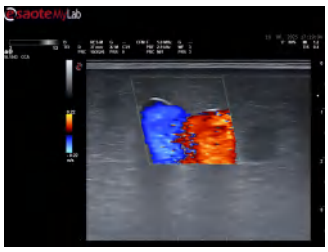
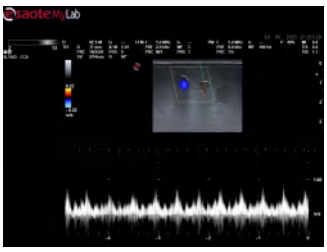
Femoral Nerve Block and Femoral Artery and Vein Puncture Ultrasound Model



MU-E-NNBFVC-MAS Skin Tone, Auto Pump



MU-E-NNBFVC-MHS Skin Tone, Hand Pump

This model replicates the appearance of the human upper abdomen and upper one-third of the thighs. It is designed as a practical training tool for ultrasound-guided or blind femoral nerve block and femoral vessel puncture procedures.

Training Skills & Applications

- Ultrasound guided femoral nerve block
- Ultrasound guided femoral vein punture and catheterization
- Ultrasound guided femoral artery puncture
- Femoral vein and artery puncture guided via blind approach

Anatomy

- Human upper abdomen to the upper 1/3 of thighs, umbilicus, inguinal region
- Bilateral femoral vein, femoral artery and femoral nerve

Pathology

- None

Features

- Simulating the arterial pulse which can be palpated on the body surface.
- Easy to refill the simulated blood.
- Auto pump model: Simulating realistic blood circulation and arterial pulse to enable Doppler ultrasound examination. The pulse rate can be adjusted.

Consumables:
- Auto Pump Model: Refill Fluid (Red) MU-E-FLUID01-C Replaceable Module MU-E-NFVC-RAS
- Hand Pump Model: Refill Fluid (Red) MU-E-FLUID01-C (Blue) MU-E-FLUID02-C Replaceable Module MU-E-NFVC-RHS

Intraspinal Anesthesia Ultrasound Model



MU-E-ISA-MNS Skin Tone





This model provides a comprehensive training platform for ultrasound-guided or blind intra-spinal anesthesia. Puncture procedures can be performed on three spinal sections: the lumbar, thoracic, and cervical spine.

Training Skills & Applications

- Ultrasound guided intraspinal anesthesia in cervical spine, thoracic spine, and lumbar spine
- Lumbar puncture guided by ultrasound or via blind approach
- Measurement of cerebrospinal fluid pressure

Anatomy

- Cervical spine C4-T1
- Thoracic spine T8-T11
- Lumbar spine L1-L5
- Vertebral column, spinous process, posterior superior iliac spine, sacrum
- Skin, subcutaneous tissue, ligamentum flavum, spinal dura mater, epidural space, arachnoid membrane, subarachnoid space

Pathology

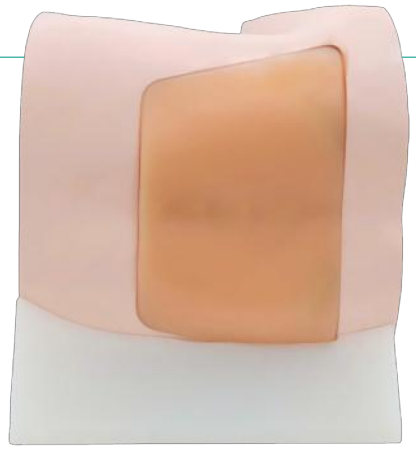
- None

Features

- Supporting puncture at cervical, thoracic and lumbar spine.
- Simulating two breakthroughs during puncture process of intraspinal anesthesia.
- Cerebrospinal fluid can be seen after a successful puncture.
- Easy to refill the cerebrospinal fluid. The cerebrospinal pressure can be measured.
- Supporting simulated anesthetics injection.

Consumables:
Refill Fluid (Transparent) MU-E-FLUID03-C
Replaceable Module (Cervical) MU-E-ISAC-RS (Thoracic) MU-E-ISAT-RS (Lumbar) MU-E-ISAL-RS

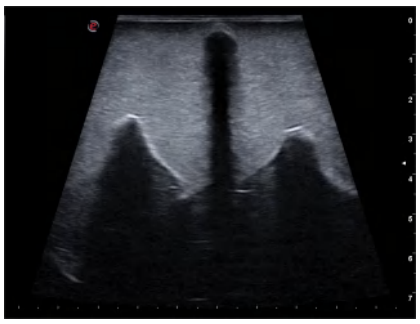
Lumbar Puncture Ultrasound Model



MU-E-ISA01-MNS Skin Tone







This compact, effective training model serves as a practical tool for teaching ultrasound-guided or blind lumbar puncture procedures.

Training Skills & Applications

- Ultrasound guided intraspinal anesthesia in lumbar spine
- Lumbar puncture guided by ultrasound or via blind approach
- Measurement of cerebrospinal fluid pressure

Anatomy

- Lumber spine L1-L5
- Spinous process, posterior superior iliac spine, sacrum
- Skin, subcutaneous tissue, ligamentum flavum, spinal dura mater, epidural space, arachnoid membrane, subarachnoid space

Pathology

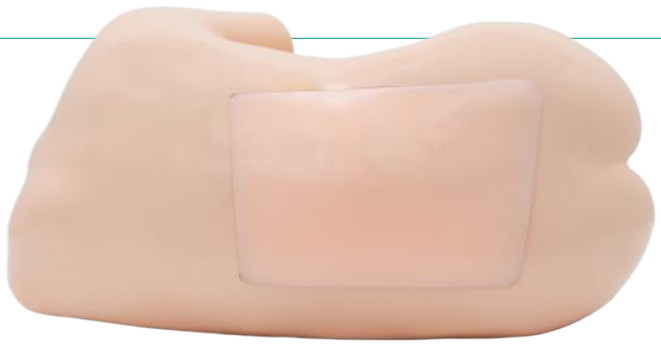
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Features

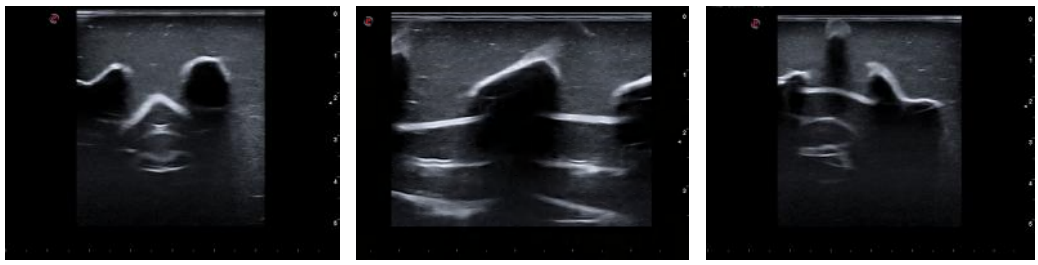
- Simulating two breakthroughs during puncture process of intraspinal anesthesia.
- Cerebrospinal fluid can be seen after a successful puncture.
- Easy to refill the cerebrospinal fluid. The cerebrospinal pressure can be measured.
- Supporting simulated anesthetics injection.

Consumables:
Refill Fluid (Transparent) MU-E-FLUID03-C
Replaceable Module MU-E-ISAL-RS

Pediatric Intraspinal Anesthesia Ultrasound Model



MU-E-PISA-MNS Skin Tone



This model replicates the natural arch structure of a 5-year-old child' s body. With tissue-mimicking acoustic and density properties, it supports imaging with visualization devices such as ultrasound and X-ray machines, as well as hands-on training for palpation based on surface landmarks, ultrasound-guided pediatric lumbar puncture, and thoracic/lumbar epidural anesthesia and lumbar subarachnoid anesthesia.

Training Skills & Applications

- Ultrasound-guided pediatric intraspinal anesthesia puncture
- Blind pediatric lumbar puncture
- Pediatric cerebrospinal fluid pressure measurement

Anatomy

- Arched back torso model of a 5-year-old boy in lateral decubitus position
- Palpable bony structures: thoracic vertebrae T10-T12, lumbar vertebrae L1-L5, sacrum and posterior superior iliac spines
- Skin, fascia, supraspinous ligament, ligamentum flavum, dura mater, epidural space, arachnoid mater and subarachnoid space

Pathology

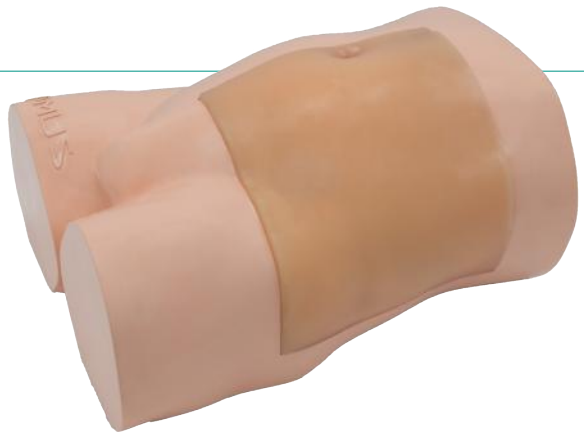
- None

Features

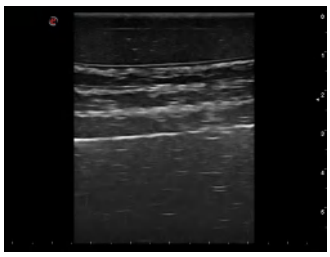
- Supports pediatric thoracic and lumbar spinal anesthesia.
- Simulating the two loss-of-resistance sensations during the puncture process of intraspinal anesthesia.
- Cerebrospinal fluid can be seen after a successful puncture.
- Easy to refill the cerebrospinal fluid. The cerebrospinal pressure can be measured.
- Supporting simulated anesthetics injection.
  Accurate anatomical structures, puncture tolerance, superb ultrasound imaging, and compatible with any real ultrasound device.

Consumables:
Refill Fluid (Transparent) MU-E-FLUID03-C
Replaceable Module MU-E-PISA-RS

Transversus Abdominis Plane Block Ultrasound Model



MU-E-TAP-MNS Skin Tone





Designed from real adult data, this model simulates abdominal wall anatomy—including skin, subcutaneous tissue, external oblique, internal oblique, and transversus abdominis muscles. With tissue-mimicking acoustic properties, it is compatible with any ultrasound device and supports hands-on training for ultrasound-guided transversus abdominis plane (TAP) block.

Training Skills & Applications

- Ultrasound identification of abdominal wall anatomical structures
- Ultrasound-guided transversus abdominis plane block

Anatomy

- From mid-abdomen to upper 1/3 of thighs, in supine position
- Left costal margin, anterior superior iliac spine, inguinal ligament, umbilicus
- Abdominal wall includes skin, subcutaneous tissue, obliquus externus abdominis, obliquus internus abdominis, transversus abdominis muscle

Pathology

- None

Features

- Accurately replicates layered abdominal wall musculature with true-to-life ultrasound imaging.
- Enables realistic anesthetic injection simulation for complete procedural training.
- Accurate anatomical structures, puncture tolerance, superb ultrasound imaging, and compatible with any real ultrasound device.

Consumables:
Replaceable Module MU-E-TAP-RS

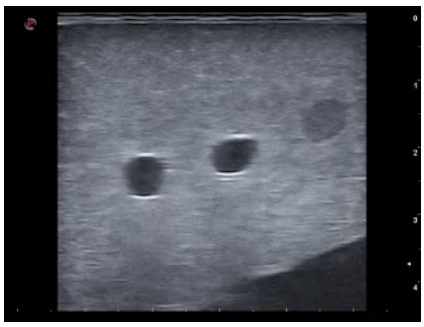
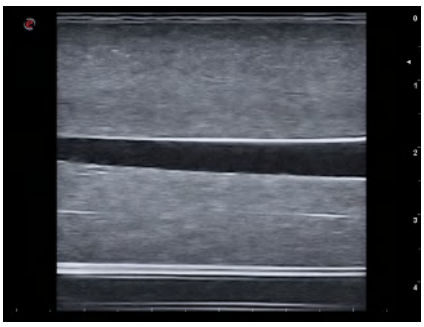
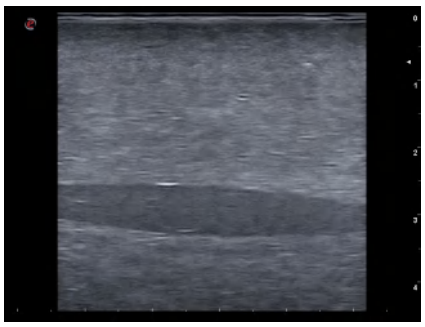
Ultrasound Guided Regional Anesthesia Training Block



MU-E-ANA-BNT Transparent



MU-E-ANA-BNS Skin Tone

This training block is designed to support the training of regional nerve block guided by ultrasound. Available in both transparent and skin tone.

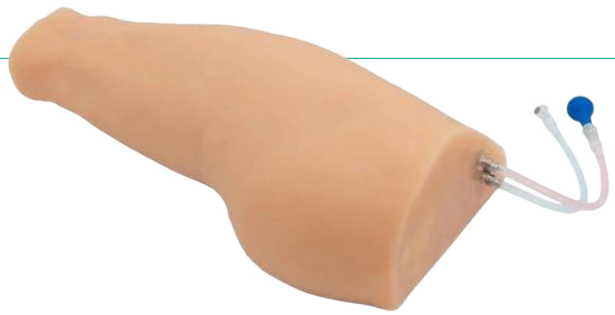
Training Skills & Applications
- Ultrasound guided regional nerve block
- Ultrasound guided vascular access

Anatomy
- Sciatic nerve, popliteal artery and vein
- Femoral nerve, femoral artery and vein

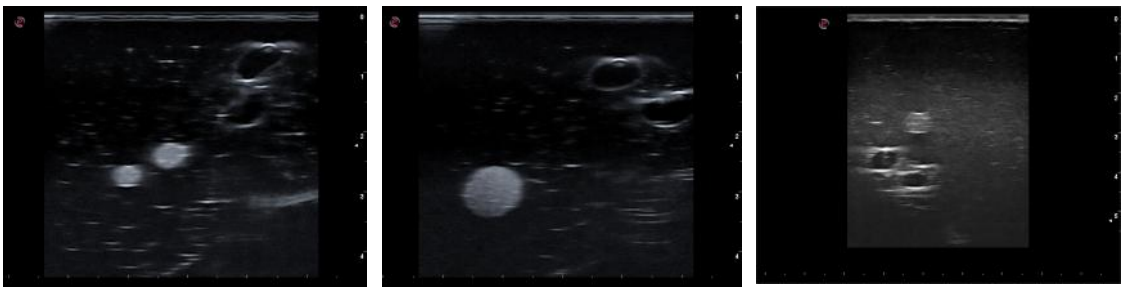
Pathology
- None

Features
- Optional transparent appearnce allowing for direct observation of the internal anatomical structure.
- Two combinations of blood vessels and nerves support training of varying difficulty levels.

Sciatic Nerve Block Ultrasound Mode



MU-E-SNB-MHS Skin Tone, Hand Pump



Designed from real adult leg data, this model incorporates the sciatic nerve and adjacent blood vessels, supporting ultrasound-guided multi-approach sciatic nerve block training.

Training Skills & Applications

- Ultrasound-guided sciatic nerve block

Anatomy

- Contour of the left buttock and thigh
- Bony structures including the left pelvis, ischium, and sacrum
- Sciatic nerve, femoral artery, popliteal artery, femoral vein, popliteal vein

Pathology

- None

Features

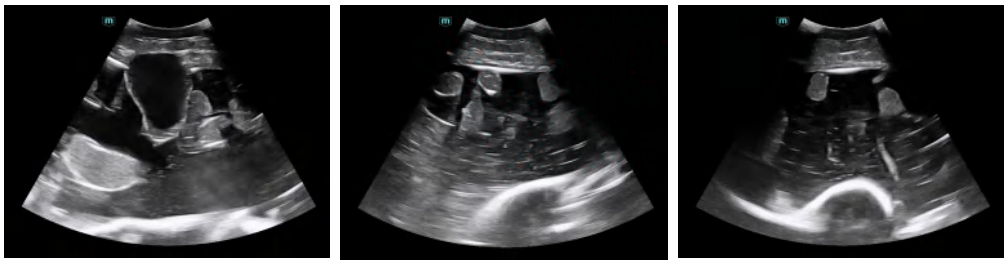
- Accurately replicates sciatic nerve anatomy and its spatial relationship with adjacent blood vessels
- Supports multiple surgical approaches for sciatic nerve block training.
- Accurate anatomical structures, puncture tolerance, superb ultrasound imaging, and compatible with any real ultrasound device.

Consumables:
Refill Fluid (Red) MU-E-FLUID01-C (Blue) MU-E-FLUID02-C

Peritoneal Dialysis Catheter Placement Ultrasound Model



MU-E-PDCP-MNS Skin Tone



This model simulates the natural abdominal contour and abdominal wall anatomy of the human body. It supports training for ultrasound-guided peritoneal dialysis catheterization, post-catheterization peritoneal dialysis fluid exchange, and post-operative nursing education.

Training Skills & Applications

- Ultrasound exploration of abdominal wall layers
- Ultrasound-guided peritoneal dialysis catheterization
- Ultrasound-guided abdominal paracentesis with catheterization

Anatomy

- Simulates the real abdominal contour and abdominal wall anatomical structures of the human body
- Abdominal wall includes anatomical structures such as skin, subcutaneous tissue, rectus sheath, rectus abdominis muscle, and peritoneum
- Bladder, colon (ascending colon, transverse colon, descending colon, sigmoid colon), rectum, rectovesical pouch, and floating intestinal loops

Pathology

- Ascites

Features

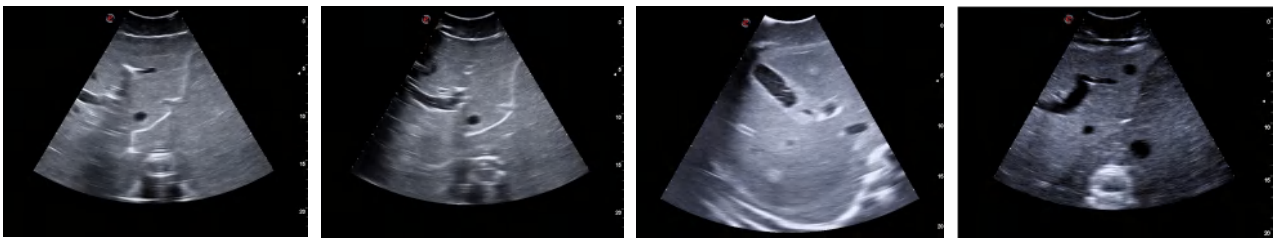
- Supports comprehensive training in peritoneal dialysis catheterization and fluid management.
- The ascites volume can be rapidly refilled and adjusted.
- Accurate anatomical structures, puncture tolerance, superb ultrasound imaging, and compatible with any real ultrasound device.

Consumables:
Replaceable Module MU-E-PDCP-RS

PTCD Ultrasound Model



MU-E-PTCD-MHT Transparent, Hand Pump



This model replicates the upper abdomen of an adult male, with a transparent abdominal cavity that enables realistic ultrasound-guided PTCD (percutaneous transhepatic cholangio drainage) training.

Training Skills & Applications

- Ultrasound guided PTCD (percutaneous transhepatic cholangial drainage)
- Ultrasound guided puncture and biopsy of liver tumors
- Ultrasound examination of liver and gallbladder

Anatomy

- Ribs, rib arches, xiphoid process, umbilicus
- Liver, gallbladder
- Abdominal aorta, inferior vena cava
- Vessels in the liver: left /middle/right hepatic vein, portal vein, left/right branch of portal vein
- Left hepatic duct, right hepatic duct, common hepatic duct, common bile duct

Pathology

- Liver tumors
- Bile duct dilation
- Gallstones

Features

- Transparent appearnce allowing for direct observation of the internal anatomical structure.
- Equipped with a hand pump to simulate the dilation and contraction of hepatic portal vein.
- Multiple lesions to simulate various clinical situations.
- Easy to refill simulated bile and simulated blood.

Consumables:
Refill Fluid (Red) MU-E-FLUID01-C (Green) MU-E-FLUID04-C
Replaceable Module MU-E-PTCD-RO

Comprehensive Thoracentesis Ultrasound Model



MU-E-UTAP-MNS Skin Tone



This half-torso model is designed from real human data. It simulates pleural effusion and pneumothorax, with tissue-mimicking acoustic properties that enable imaging on any ultrasound device. It supports hands-on training for surface landmark-based palpation, ultrasound-guided pneumothorax aspiration, thoracentesis, and closed drainage of pleural effusion.

Training Skills & Applications

- Ultrasound-guided thoracentesis for pleural effusion
- Ultrasound-guided thoracentesis for pneumothorax
- Ultrasound-guided closed thoracic drainage puncture

Anatomy

- Adult thoracic contour
- Anatomical landmarks including nipples, axillae, shoulders, thoracic cage and ribs for puncture localization
- Three puncture modules: Right anterior chest pneumothorax module, Left pleural effusion module, Right posterior chest pleural effusion module

Pathology

- Pleural effusion
- Pneumothorax

Features

- One model simulates pneumothorax and multiple pleural effusions for three distinct puncture sites.
- Provides realistic tissue echogenicity, adjustable fluid volume, and balloon-simulated pneumothorax.
- Covers full procedure training from sonographic identification to guided puncture and closed drainage.
- Accurate anatomical structures, puncture tolerance, superb ultrasound imaging, and compatible with any real ultrasound device.

Consumables:
Refill Fluid: (Red) MU-E-FLUID01-C Refill Fluid (Transparent) MU-E-FLUID03-C
Replaceable Module: (Left Thoracic) MU-E-UTAP-LR (Right Anterior Thoracic) MU-E-UTAP-PR (Right Dorsal Thoracic) MU-E-UTAP-ER

CVS Ultrasound Model
(11 Weeks of Pregnancy)



MU-E-CVS-MNS Skin Tone





This model has the appearance of the pelvic cavity of a 11-week pregnant female. It can be used as an effective tool for ultrasound guided CVS skill training.

Training Skills & Applications
- Ultrasound guided transabdominal CVS (Chorionic Villus Sampling)
- Ultrasound guided transcervical CVS
- Measurement of fetus CRL (crown-rump length)

Anatomy
- Female pelvic cavity, female perineum, vagina
- 11-week fetus, umbilical cord and placenta

Pathology
- None

Features
- Superb training model for transabdominal and transvaginal CVS (Chorionic Villus Sampling).
- Easy to refill and adjust the amount of amniotic fluid.

Consumables:
Refill Fluid: (Transparent) MU-E-FLUID03-C
Replaceable Module: MU-E-CVS-RS

Amniocentesis Ultrasound Model
(16-week twin pregnancy)



MU-E-AMC-MNT Transparent



MU-E-AMC-MNS Skin Tone







This model has the appearance of the pelvis of a 16-week pregnant female with twin fetuses. With built-in twin fetus, it can be used as an effective tool for the skill training of ultrasound guided amniocentesis in special clinical scenario.

Training Skills & Applications

- Ultrasound guided amniocentesis
- Ultrasound identification of twin fetuses in mid pregnancy
- 3D ultrasound examination of fetus in mid pregnancy

Anatomy

- Female pelvic cavity, female perineum
- 16-week twin fetuses in 2 seperate amniotic cavities filled with amniotic fluid, with respective umbilical cords and placentas

Pathology

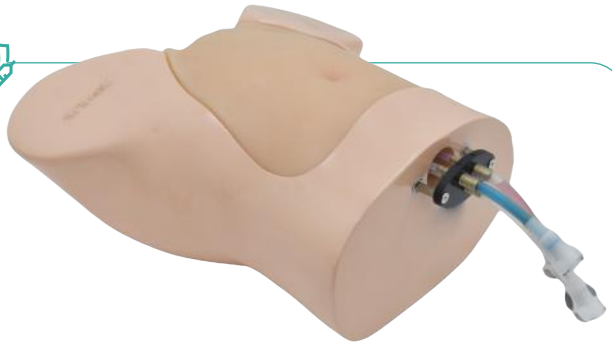
- None

Features

- Superb training model for amniocentesis.
- Optional transparent model allows direct observation of internal anatomical structures.
- Easy to refill and adjust the amount of amniotic fluid.

Consumables:
Refill Fluid: (Transparent) MU-E-FLUID03-C
Replaceable Module: (Transparent) MU-E-AMC-RT (Skin Tone) MU-E-AMC-RS

Fetal Blood Sampling (FBS) Ultrasound Model
(20 weeks of pregnancy)



MU-E-FBS-MHS Skin Tone, Hand Pump





This model has the appearance of the pelvic of a 20-week pregnant female. It can be used as an effective tool for the complete operational process training of ultrasound guided percutaneous umbilical blood sampling (PUBS) and amniocentesis.

Training Skills & Applications
- Ultrasound guided percutaneous umbilical blood sampling (PUBS)
- Ultrasound guided amniocentesis
- Ultrasound examination of fetus in mid-trimester pregnancy

Anatomy
- Female pelvic cavity, female perineum
- 20-week fetus in amniotic cavity filled with amniotic fluid
- Placenta, umbilical cord (with 1 umbilical vein and 2 umbilical arteries)

Pathology
- None

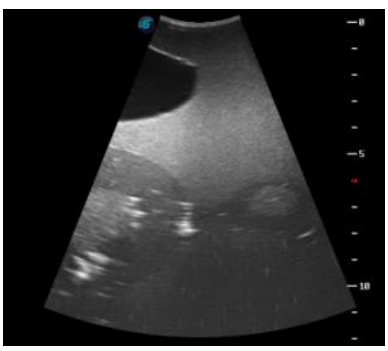
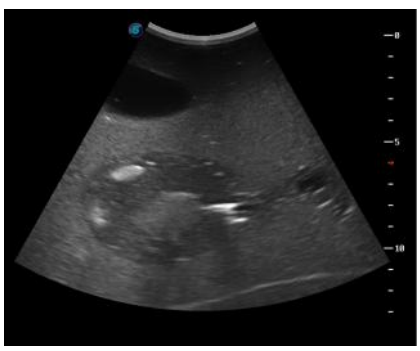
Features
- Superb training model for Fetal Blood Sampling (FBS).
- Easy to refill and adjust the amount of amniotic fluid and simulated blood.
- Simulated blood can be seen after a successful umbilical cord puncture.
- Equipped with a hand pump to simulate the umbilical arterial pulse.

Consumables:
Refill Fluid: (Red) MU-E-FLUID01-C (Blue) MU-E-FLUID02-C (Transparent) MU-E-FLUID03-C
Replaceable Module: MU-E-FBS-RS

Uterine Tumor Puncture and Ablation Ultrasound Model



MU-E-UTERUS01-MNS Skin Tone


This model has the appearance of a female pelvic cavity. It can be used as an effective tool for ultrasound guided tumor puncture and ablation skill training.

Training Skills & Applications

- Ultrasound examination of female pelvic cavity
- Ultrasound guided puncture of uterine tumors via vagina or abdomen
- Ultrasound guided ablation of uterine tumors

Anatomy

- Female pelvic cavity, female perineum, urethra, vagina
- Uterus, fallopian tubes, ovaries, bladder

Pathology

- Fibroids

Features

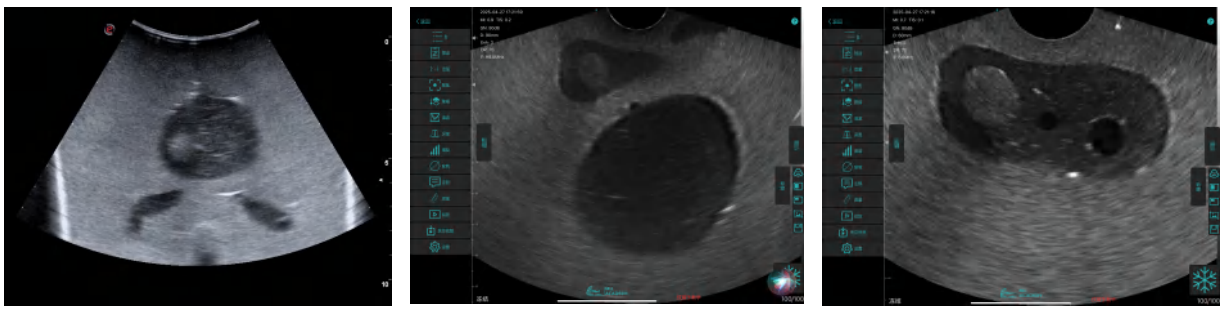
- Containning tumor consumables to support the ablation training.
- Real laser and microwave ablation devices can be used for ablation.
- The ablative tumors can be purchased additionally after being used up.

Consumables:
Ablative Tumor Replacement: MU-E-TUMOR-C
Replaceable Module: MU-E-UTE-RS

Prostate Mass Biopsy Ultrasound Model



MU-E-PROS-MNS Skin Tone



This model simulates the male pelvic cavity and external genitalia, including the scrotum and prostate gland. With human tissue-mimicking acoustic properties, it is compatible with any ultrasound device for imaging and supports prostate ultrasound examination and ultrasound-guided prostate mass biopsy.

Training Skills & Applications

- Transperineal prostate ultrasound examination
- Transrectal prostate ultrasound examination
- Ultrasound-guided prostate mass biopsy

Anatomy

- Male pelvis, perineum, scrotum, penis, anus
- Prostate, prostatic sulcus, seminal vesicles, urethra, vas deferens

Pathology

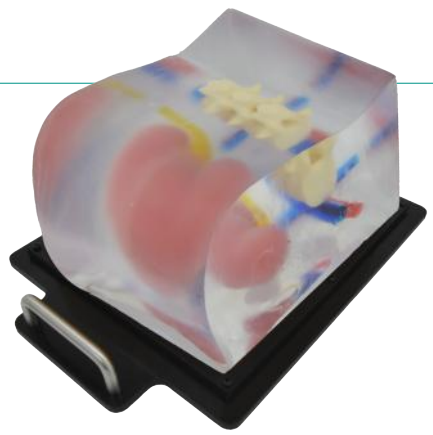
- Two prostate lesions

Features

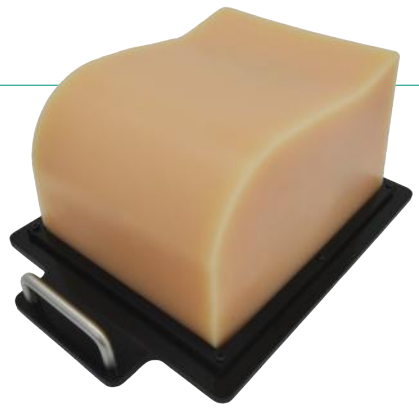
- Realistic male pelvic anatomy with complete external genitalia for true-to-life training.
- Simulates prostate tumors with both hyperechoic and hypoechoic features.
- Supports dual-approach puncture training via transrectal and transperineal routes.
- Accurate anatomical structures, puncture tolerance, superb ultrasound imaging, and compatible with any real ultrasound device.

Consumables:
Replaceable Module: MU-E-PROS-RS

Renal Mass Biopsy Ultrasound Model



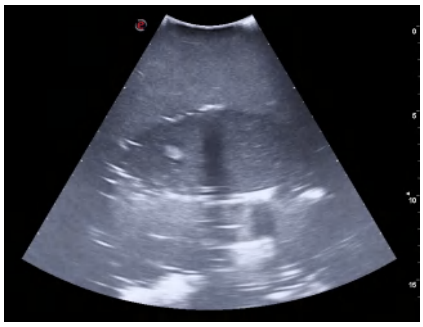
MU-E-KID-MNT Transparent



MU-E-KID-MNS Skin Tone







This model incorporates anatomical structures including the right kidney, ureters, inferior vena cava (IVC), abdominal aorta, and renal arteries/veins. With human tissue-mimicking acoustic properties, it is compatible with any ultrasound device and supports hands-on training for ultrasound-guided renal mass biopsy.

Training Skills & Applications

- Renal ultrasound examination
- Ultrasound-guided renal mass biopsy

Anatomy

- Prone position human back contour
- Right kidney, right ureter, right renal artery, right renal vein, abdominal aorta, inferior vena cava
  Renal cortex, renal medulla, renal calyces, renal pelvis

Pathology

- Two renal masses

Features

- Transparent appearance allowing for direct observation of the internal anatomical structure.
  Simulate kidney tuomrs with different shapes and echoes.
- Accurate anatomical structures, puncture tolerance, superb ultrasound imaging, and compatible with any real ultrasound device.

Tumor and Vascular Puncture Ultrasound Block



MU-E-MAIV-BNT Transparent

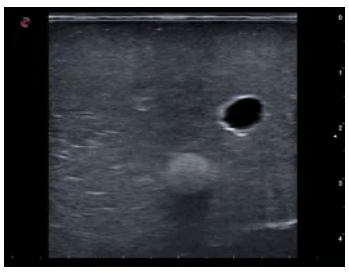


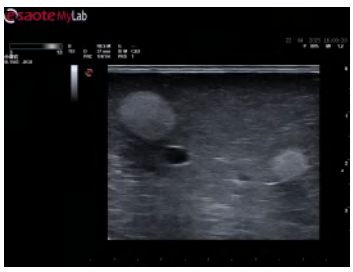
MU-E-MAIV-BNS Skin Tone

Tumor Ablation and Vascular Puncture Ultrasound Block



MU-E-MAIV01-BNS Skin Tone





These training blocks are designed to support the teaching and training of ultrasound guided vascular puncture, tumor biopsy and ablation.

Training Skills & Applications

MU-E-MAIV-BNT & MU-E-MAIV-BNS

- Ultrasound guided vascular puncture
- Ultrasound guided tumor puncture and biopsy

MU-E-MAIV01-BNS

- Ultrasound guided vascular puncture
- Ultrasound guided tumor puncture and biopsy
- Ultrasound guided tumor ablation

Anatomy

MU-E-MAIV-BNT & MU-E-MAIV-BNS

- Y-shaped blood vessel x 2
- Tumors x 9

MU-E-MAIV01-BNS

- Blood vessel x 5
- Tumors x 3

Pathology

- Hyperechoic tumors

Features

- Optional transparent model.
- Tumors of different sizes and locations enable effective training of different skill levels.
- Ablative model only: Tumor consumables or animal tissue can be used to support the ablation training. Real laser and microwave ablation devices can be used for ablation. * The ablative tumors need to be purchased separately.

Consumables:
Ablative Tumor Replacement MU-E-TUMOR-C (ablative model only)
*The ablative tumors need to be purchased separately for ablation training.

Breast Tumor Puncture Ultrasound Model

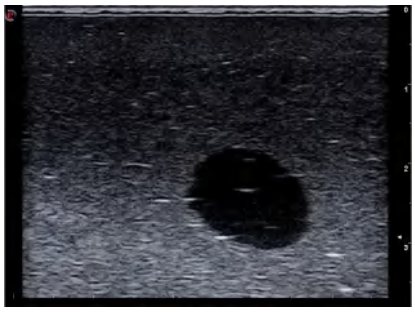


MU-E-BREAST-MNS Skin Tone

Breast Tumor Puncture and Ablation Ultrasound Model



MU-E-BREAST01-MNS Skin Tone





These models can be used in teaching and training of ultrasound-guided breast tumor puncture and biopsy.

Training Skills & Applications

MU-E-BREAST-MNS
- Ultrasound guided breast tumor puncture and biopsy
- Ultrasound examination and measurement of breast tumor

MU-E-BREAST01-MNS
- Ultrasound guided breast tumor puncture and biopsy
- Ultrasound examination and measurement of breast tumor
- Ultrasound guided breast tumor ablation

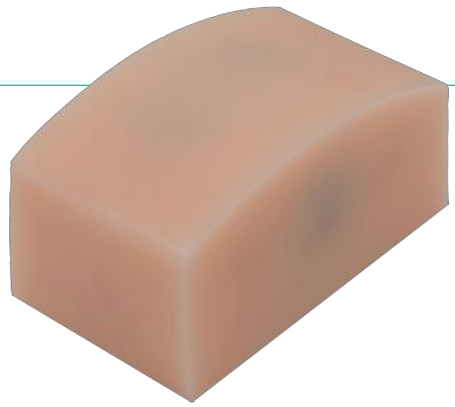
Anatomy
- Adult female breast

Pathology
- Breast tumors with different shapes, sizes and echo types.

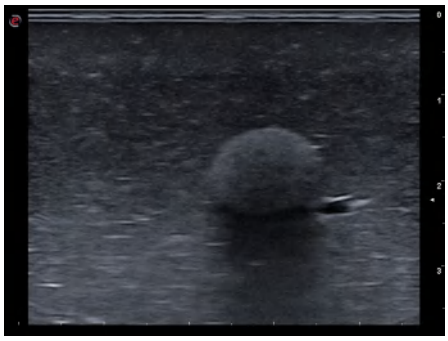
Features
- Tumors with different shapes,sizes,depths and echoes to support tumor puncture and biopsy training of different skill levels.
- Ablative model only: Tumor consumables or animal tissue can be used to support the ablation training. Real laser and microwave ablation devices can be used for ablation. * The ablative tumors need to be purchased separately.

Consumables:
Ablative Tumor Replacement MU-E-TUMOR-C (ablative model only)
*The ablative tumors need to be purchased separately for ablation training.

Cyst Aspiration Ultrasound Training Block



MU-E-CYST-BNS Skin Tone





Designed to match the human body's curvature, this model contains 2 tumors and 4 cystic lesions. With tissue-mimicking acoustic properties, it supports ultrasound exploration of tumors and cysts, as well as hands-on training for ultrasound-guided tumor biopsy and cyst aspiration using real ultrasound equipment.

Training Skills & Applications
- Ultrasound-guided cyst puncture
- Ultrasound examination of cysts and masses

Anatomy
- Four cystic lesions
- Two mass lesions

Pathology
- Four cystic lesions
- Two mass lesions

Features
- Human-like curved surface shape
  Contains multiple practice lesions for complete training
- Provides realistic ultrasound images for accurate needle practice.

Abdominal Intraoperative & Laparoscopic Ultrasound Model Series



Transparent
MU-E-AILU01-MNT
MU-E-AILU02-MNT
MU-E-AILU03-MNT



Opaque
MU-E-AILU01-MNO
MU-E-AILU02-MNO
MU-E-AILU03-MNO



Transparent Abdomen Cavity
MU-E-AILU-A

This series of models aims to provide a realistic training platform for abdominal intraoperative and laparoscopic ultrasound examination.











Name	Training Skills & Applications	Color	SKU
Abdominal Intraoperative & Laparoscopic Ultrasound Diagnosis Model (no lesions)	•Abdominal intraoperative ultrasound examination •Laparoscopic ultrasound examination	Transparent	MU-E-AILU01-MNT
		Opaque	MU-E-AILU01-MNO
Abdominal Intraoperative & Laparoscopic Ultrasound Diagnosis Model (with lesions)	•Abdominal intraoperative ultrasound examination •Laparoscopic ultrasound examination •Intraoperative ultrasound-guided puncture of abdominal lesions	Transparent	MU-E-AILU02-MNT
		Opaque	MU-E-AILU02-MNO
Abdominal Intraoperative & Laparoscopic Ultrasound Ablation Model *The ablative tumors need to be purchased separately for ablation training.	•Abdominal intraoperative ultrasound examination •Laparoscopic ultrasound examination •Intraoperative ultrasound-guided puncture of abdominal lesions •Intraoperative ultrasound-guided ablation of abdominal lesions	Transparent	MU-E-AILU03-MNT
		Opaque	MU-E-AILU03-MNO
Abdominal Cavity	•To be used with intraoperative internal organ models for relevant skill training	Transparent	MU-E-AILU-A

Anatomy

Transparent Abdomen Cavity

- Lower chest to abdomen, nipples, and umbilicus
- Ribs, rib arch, xiphoid process, and vertebral column

Abdominal Intraoperative & Laparoscopic Ultrasound Model

- Liver, gallbladder, pancreas, spleen, kidney, stomach
- Vessels in the liver: left/middle/right hepatic vein, portal vein and left/right branch vessels
- Inferior vena cava

Pathology

- Lesions in liver, gallbladder, pancreas, spleen, kidney, stomach (Only apply to MU-E-AILU02-MNO MU-E-AILU02-MNT)

Features

- Realistic anatomical struture of internal organs in abdominal area.
- Models with different lesions, functions and colors are available for selection.
- Transparent abdomen cavity can be purchased additionally to use with the model to simulate realistic laparoscopic ultrasound process.
- Ablative models only: Tumor consumables or animal tissue can be used to support the ablation training. Real laser and microwave ablation devices can be used for ablation. * The ablative tumors need to be purchased separately.

Consumables:
Ablative Tumor Replacement MU-E-TUMOR-C (ablative model only)
*The ablative tumors need to be purchased separately for ablation training.



Consumables & Accessories

- Replaecable Modules (RM)
- Refill Fluid & Tumor Replacement
- Accessories

RM - CVC Ultrasound Model (Transparent, Auto Pump)



MU-E-CVC-RAT

RM - CVC Ultrasound Model (Skin Tone, Auto Pump)



MU-E-CVC-RAS

RM - CVC Ultrasound Model (Transparent, Hand Pump)



MU-E-CVC-RHT

RM - CVC Ultrasound Model (Skin Tone, Hand Pump)



MU-E-CVC-RHS

RM - Pediatric CVC Ultrasound Model (Transparent, Auto Pump)



MU-E-PCVC-RAT

RM - Pediatric CVC Ultrasound Model (Skin Tone, Auto Pump)



MU-E-PCVC-RAS

RM - Pediatric CVC Ultrasound Model (Transparent, Hand Pump)



MU-E-PCVC-RHT

RM - Pediatric CVC Ultrasound Model (Skin Tone, Hand Pump)



MU-E-PCVC-RHS

RM - ECMO and CRRT Catheterization Ultrasound Simulator (Transparent)



MU-E-ECMO-RAT

RM - ECMO and CRRT Catheterization Ultrasound Simulator (Skin Tone)



MU-E-ECMO-RAS

RM - PICC Ultrasound Model (Transparent, Auto Pump)



MU-E-PICC-RAT

RM- PICC Ultrasound Model (Skin Tone, Auto Pump)



MU-E-PICC-RAS

RM - PICC Ultrasound Model (Transparent, Hand Pump)



MU-E-PICC-RHT

RM - PICC Ultrasound Model (Skin Tone, Hand Pump)



MU-E-PICC-RHS

RM - Radial Artery Puncture Ultrasound Model (Transparent, Auto Pump)



MU-E-RAP-RAT

RM - Radial Artery Puncture Ultrasound Model (Skin Tone, Auto Pump)



MU-E-RAP-RAS

RM -Internal Jugular Vein Puncture Ultrasound Model (Transparent, Auto Pump)



MU-E-IJV-RAT

RM -Internal Jugular Vein Puncture Ultrasound Model (Skin Tone, Auto Pump)



MU-E-IJV-RAS

RM -Internal Jugular Vein Puncture Ultrasound Model (Transparent, Hand Pump)



MU-E-IJV-RHT

RM -Internal Jugular Vein Puncture Ultrasound Model (Skin Tone, Hand Pump)



MU-E-IJV-RHS

RM - Femoral Artery and Vein Puncture Ultrasound Model (Skin Tone, Auto Pump)



MU-E-FVC-RAS

RM - Femoral Artery and Vein Puncture Ultrasound Model (Skin Tone, Hand Pump)



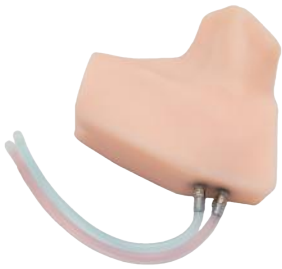
MU-E-FVC-RHS

RM - Brachial Plexus Block and CVC Ultrasound Model (Skin Tone, Auto Pump)



MU-E-BCVC-RAS

RM - Brachial Plexus Block and CVC Ultrasound Model (Skin Tone, Hand pump)



MU-E-BCVC-RHS

RM - Integrated Anesthesia Ultrasound Simulator - Chest Module

* Return to factory for replacement.



MU-E-ANAC-RAS

RM - Integrated Anesthesia Ultrasound Simulator - Abdomen Module

* Return to factory for replacement.



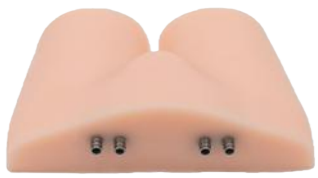
MU-E-ANAA-RAS

RM - Integrated Anesthesia Ultrasound Simulator - Femoral Module



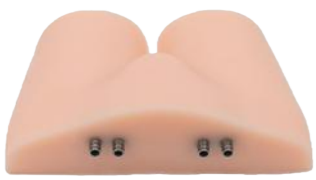
MU-E-ANAF-RAS

RM- Femoral Nerve Block and Femoral Artery and Vein Puncture Ultrasound Model (Skin Tone, Auto pump)



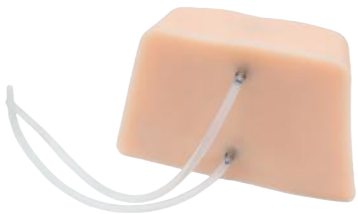
MU-E-NFVC-RAS

RM- Femoral Nerve Block and Femoral Artery And Vein Puncture Ultrasound Model (Skin Tone, Hand pump)



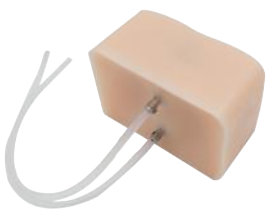
MU-E-NFVC-RHS

RM - Intraspinal Anesthesia Ultrasound Model - Lumbar Module



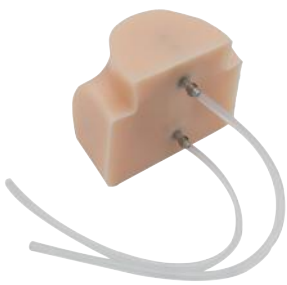
MU-E-ISAL-RS

RM - Intraspinal Anesthesia Ultrasound Model - Thoracic Module



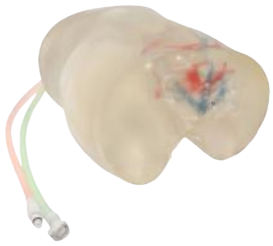
MU-E-ISAT-RS

RM - Intraspinal Anesthesia Ultrasound Model - Cervical Module



MU-E-ISAC-RS

RM - PTCD Ultrasound Model



MU-E-PTCD-RO

RM - CVS Ultrasound Model



MU-E-CVS-RS

RM - Amniocentesis Ultrasound Model (Transparent)



MU-E-AMC-RT

RM - Amniocentesis Ultrasound Model (Skin Tone)



MU-E-AMC-RS

RM - FBS Ultrasound Model



MU-E-FBS-RS

RM - Uterine Tumor Puncture and Ablation Ultrasound Model



MU-E-UTE-RS

RM - Peritoneal Dialysis Catheter Placement Ultrasound Model



MU-E-PDCP-RS

RM - Transversus Abdominis Plane Block Ultrasound Model



MU-E-TAP-RS

RM - Lung Ultrasound Training Model - Pneumothorax Module



MU-E-LUNG-PR

RM - Lung Ultrasound Training Model - Pleural Effusion Module



MU-E-LUNG-ER

RM - Lung Ultrasound Training Model - Tumor Puncture Module



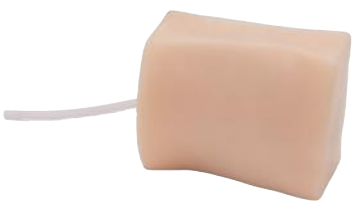
MU-E-LUNG-TR

RM - Lung Ultrasound Training Model - Tumor Ablation Module



MU-E-LUNG-AR

RM - Comprehensive Thoracentesis Ultrasound Model - Left Thoracic Pleural Effusion



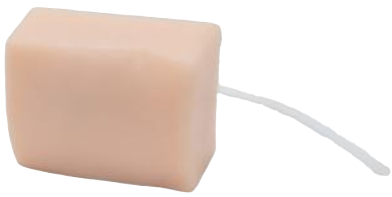
MU-E-UTAP-LR

RM - Comprehensive Thoracentesis Ultrasound Model - Right Anterior Thoracic Pneumothorax



MU-E-UTAP-PR

RM - Comprehensive Thoracentesis Ultrasound Model - Right Dorsal Thoracic Pleural Effusion



MU-E-UTAP-ER

RM - Pediatric Intraspinal Anesthesia Ultrasound Model



MU-E-PISA-RS

RM - Prostate Mass Biopsy Ultrasound Model



MU-E-PROS-RS

Refill Fluid (Red, 250ml)



MU-E-FLUID01-C

Refill Fluid (Blue, 250ml)



MU-E-FLUID02-C

Refill Fluid (Transparent, 250ml)



MU-E-FLUID03-C

Refill Fluid (Green, 250ml)



MU-E-FLUID04-C

Tumor Replacement (20 units)



MU-E-TUMOR-C

Adapter



MU-E-AD

Liquid Filler



MU-E-LF

Magic Ultrasound

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