

CAE

Ultrasound Simulation

CAE Vimedix
Reimagining Ultrasound Education



Preparing You for the Moments That Matter.

<https://caehc.co/VIMEDIX>



CAE Vimedix with Microsoft HoloLens 2



With enhanced animation for the most realistic ultrasound training on the market, CAE Vimedix combines in-person and remote practice that reaches your learners wherever they are.

Through live learning, recorded sessions and self-directed activities offered by CAE Vimedix, you can customize your imaging curriculum and track your students' progress over time.

Easily integrate CAE Vimedix with video-conferencing platforms and open the door to remote learning. Learners can use their computer mouse to practice basic ultrasound techniques through interactive, web-based workshops before beginning hands-on education.

Pair CAE Vimedix with Microsoft HoloLens 2 for even more immersive training. CAE VimedixAR uses augmented reality to create a three-dimensional panoramic image of the anatomy and structures to accelerate learning and retention.

Upgrade your ultrasound learning with this new foot pedal.

Maximize your time with the addition of a preprogrammed three-button foot pedal providing hands-free operation of selected controls. It's perfect for live trainings or recorded sessions.

Three configurations. Thousands of possibilities.

Choose from three specializations to effectively educate your learners.



Abdomen

Wide range of general imaging pathologies, including FAST, eFAST, and COVID lung cases available in the base model. Add on cardiac packages for complete training curriculum.



Cardiac

Robust selection of cardiac pathologies available with transthoracic or transesophageal probes, or combine them for progressive training scenarios. Expand learning capacity by adding on additional abdominal pathologies with a curvilinear transducer.



OB/GYN

Extensive selection of gynecology, first- and second-trimester pathologies. Learn with the curvilinear probe and add-on the transvaginal probe for advanced learning.

Upgrade your ultrasound education today.

Call us now at +1.941.377.5562 or email SRQAccountmanagers@cae.com to get started.

CAE Vimedix Abdominal Ultrasound Simulator

Included Hardware

Curvilinear Transducer

Male Manikin

Laptop, Mouse, Cables, Foot Pedal

One year of CAE Express support and maintenance

Included Pathology

Abcesses

Abdominal Aortic Aneurysm, Dissection

Adenocarcinoma

Calcified Granulomas

Carcinoma, Hepatoma, Metastases

Cholangitis

Cholecystitis, Choledocholithiasis

Cirrhosis

COVID

Cyst, Cystic Rupture, Pseudocyst

FAST/eFAST

Hemangioma

Hernia

Hydronephrosis

Kidney Stones

Normal Patient

Pancreatitis

Polyps, Gallstones

Pyelonephritis

Splenomegaly

Optional Add-Ons

Abdominal Aortic Aneurysm Mix

FAST Mix

FAST Plus Mix

Pleural Module

TEE Module with TEE Transducer

TTE Module with TTE Transducer

Advanced Cardiac Mix 1

Advanced Cardiac Mix 2

Critical Care Mix



CAE Vimedix Transthoracic (TTE) Cardiac Ultrasound Simulator

Included Hardware

Phased Array Transducer

Male Manikin

Laptop, Mouse, Cables, Foot Pedal

One year of CAE Express support and maintenance

Included Pathology

Acute Myocardial Infarction

Amyloidosis, Takotsubo Cardiomyopathy

Aortic Dissection

PFO/ASD/VSD

Cardiac Arrest, Asystole, Ventricular Fibrillation

COVID, Pulmonary Hypertension, Pleural Effusion

Dilated Cardiomyopathy

Ebstein Anomaly

Embolism, Thrombus

FAST/eFAST

Hyperdynamic Left Ventricular Systolic Function

Hypovolemia

IVC Stenosis

LVOT/RVOT Obstruction

Myxoma, Cardiac Mass

Native and Prosthetic Valvular Pathology

Normal Patient Cases

Pericardial Effusion, Tamponade

Pneumothorax

Reduced Mean Systemic Pressure

Optional Add-Ons

Advanced Cardiac Mix 1

Advanced Cardiac Mix 2

Critical Care Mix

FAST Mix

FAST Plus Mix

TEE Module with TEE Transducer

Abdominal Module with Curvilinear Transducer

Pleural Module with Curvilinear Transducer

CAE Vimedix Transesophageal (TEE) Cardiac Ultrasound Simulator

Included Hardware

Transesophageal Transducer

Male Manikin

Laptop, Mouse, Cables, Foot Pedal

One year of CAE Express support and maintenance

Included Pathology

Acute Myocardial Infarction

Amyloidosis, Takotsubo Cardiomyopathy

Aortic Dissection

PFO/ASD/VSD

Cardiac Arrest, Asystole, Ventricular Fibrillation

COVID, Pulmonary Hypertension, Pleural Effusion

Dilated Cardiomyopathy

Ebstein Anomaly

Embolism, Thrombus

FAST/eFAST

Hyperdynamic Left Ventricular Systolic Function

Hypovolemia

IVC Stenosis

LVOT/RVOT Obstruction

Myxoma, Cardiac Mass

Native and Prosthetic Valvular Pathology

Normal Patient Cases

Pericardial Effusion, Tamponade

Pneumothorax

Reduced Mean Systemic Pressure

Optional Add-Ons

Advanced Cardiac Mix 1

Advanced Cardiac Mix 2

Critical Care Mix

FAST Mix

FAST Plus Mix

TTE Module with TTE Transducer

Abdominal Software Module with Curvilinear Transducer

Pleural Module with Curvilinear Transducer



CAE Vimedix 1st Trimester Obstetrics and Gynecology Ultrasound Simulator

Included Hardware

Transvaginal Transducer

Female Manikin

Laptop, Mouse, Cables, Foot Pedal

Base OB/GYN Software

One year of CAE Express support and maintenance

Included Pathology

Normal Fetus

Secretory State

Retroverted Uterus

Proliferative State

Menstrual State

Ectopic Pregnancy

Nuchal Translucency 4.7 mm

Optional Add-Ons

OB/GYN 2nd Trimester Module with Curvilinear Transducer

OB/GYN 8-Week Mix

OB/GYN 12-Week Mix

Gynecology Pack

Individual 12-Week, 8-Week and GYN pathologies

CAE Vimedix 2nd Trimester Obstetrics and Gynecology Ultrasound Simulator

Included Hardware

Curvilinear Transducer

Female Manikin

Laptop, Mouse, Cables

Foot Pedal

One year of CAE Express support and maintenance

Included Pathology

Choroid Plexus Cysts

Cleft Lip, Cleft Lip & Palate, Cleft Palate

Cloacal Bladder Exstrophy

Dandy-Walker Syndrome

Esophageal Atresia

Fetal Growth Restriction—Short Femur

Gastroschisis

Mega Cisterna Magna

Nasal Bone Absence, Nasal Hypoplasia

Normal Fetus

Oligohydramnios, Polyhydramnios

Omphalocele

Renal Agenesis, Renal Pelvis Dilation, Renal Dysplasia

Unilateral Club Foot, Bilateral Club Foot

Unilateral Ventriculomegaly

Optional Add-Ons

OB/GYN 1st Trimester Module with Transvaginal Transducer

OB/GYN 8-Week Mix

OB/Gyn 12-Week Mix

Gynecology Pack

Individual 12-Week, 8-Week and GYN pathologies

