



# Vimedix

Preparing You for the Moments That Matter.

With enhanced animation for the most realistic ultrasound training on the market, 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 Vimedix, you can customize your imaging curriculum and track your students' progress over time.

Easily integrate 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 Vimedix with Microsoft HoloLens 2 for even more immersive training. 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.

## TOOLS TO IMPROVE PATIENT OUTCOMES

Providing safe, quality care is a top priority. That's why SimEquip portfolio offers options for various scenarios.



### 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.

## Vimedix Abdominal Ultrasound Simulator

Included Hardware	
Curvilinear Transducer	Male Manikin
Laptop, Mouse, Cables, Foot Pedal	One year of Express support and maintenance
Included Pathology	
Abcesses	FAST/eFAST
Abdominal Aortic Aneurysm, Dissection	Hemangioma
Adenocarcinoma	Hernia
Calcified Granulomas	Hydronephrosis
Carcinoma, Hepatoma, Metastases	Kidney Stones
Cholangitis	Normal Patient
Cholecystitis, Choledocholithiasis	Pancreatitis
Cirrhosis	Polyps, Gallstones
COVID	Pyelonephritis
Cyst, Cystic Rupture, Pseudocyst	Splenomegaly
Optional Add-Ons	
Abdominal Aortic Aneurysm Mix	TTE Module with TTE Transducer
FAST Mix	Advanced Cardiac Mix 1
FAST Plus Mix	Advanced Cardiac Mix 2
Pleural Module	Critical Care Mix
TEE Module with TEE Transducer	

## Vimedix Transesophageal (TEE) Cardiac Ultrasound Simulator

Included Hardware	
Transesophageal Transducer	Laptop, Mouse, Cables, Foot Pedal
Male Manikin	One year of Express support and maintenance
Included Pathology	
Acute Myocardial Infarction	Hyperdynamic Left Ventricular Systolic Function
Amyloidosis, Takotsubo Cardiomyopathy	Hypovolemia
Aortic Dissection	IVC Stenosis
PFO/ASD/VSD	LVOT/RVOT Obstruction
Cardiac Arrest, Asystole, Ventricular Fibrillation	Myxoma, Cardiac Mass
COVID, Pulmonary Hypertension, Pleural Effusion	Native and Prosthetic Valvular Pathology
Dilated Cardiomyopathy	Normal Patient Cases
Ebstein Anomaly	Pericardial Effusion, Tamponade
Embolism, Thrombus	Pneumothorax
FAST/eFAST	Reduced Mean Systemic Pressure
Optional Add-Ons	
Advanced Cardiac Mix 1	FAST Plus Mix
Advanced Cardiac Mix 2	TTE Module with TTE Transducer
Critical Care Mix	Abdominal Module with Curvilinear Transducer
FAST Mix	Pleural Module with Curvilinear Transducer

## Vimedix Transthoracic (TTE) Cardiac Ultrasound Simulator

Included Hardware	
Phased Array Transducer	Laptop, Mouse, Cables, Foot Pedal
Male Manikin	One year of Express support and maintenance
Included Pathology	
Acute Myocardial Infarction	Hyperdynamic Left Ventricular Systolic Function
Amyloidosis, Takotsubo Cardiomyopathy	Hypovolemia
Aortic Dissection	IVC Stenosis
PFO/ASD/VSD	LVOT/RVOT Obstruction
Cardiac Arrest, Asystole, Ventricular Fibrillation	Myxoma, Cardiac Mass
COVID, Pulmonary Hypertension, Pleural Effusion	Native and Prosthetic Valvular Pathology
Dilated Cardiomyopathy	Normal Patient Cases
Ebstein Anomaly	Pericardial Effusion, Tamponade
Embolism, Thrombus	Pneumothorax
FAST/eFAST	Reduced Mean Systemic Pressure
Optional Add-Ons	
Advanced Cardiac Mix 1	FAST Plus Mix
Advanced Cardiac Mix 2	TEE Module with TEE Transducer
Critical Care Mix	Abdominal Module with Curvilinear Transducer
FAST Mix	Pleural Module with Curvilinear Transducer

## Vimedix 1st Trimester Obstetrics and Gynecology Ultrasound Simulator

Included Hardware	
Transvaginal Transducer	Base OB/GYN Software
Female Manikin	One year of Express support and maintenance
Laptop, Mouse, Cables, Foot Pedal	
Included Pathology	
Normal Fetus	Menstrual State
Secretory State	Ectopic Pregnancy
Retroverted Uterus	Nuchal Translucency 4.7 mm
Proliferative State	
Optional Add-Ons	
OB/GYN 2nd Trimester Module with Curvilinear Transducer	Gynecology Pack
OB/GYN 8-Week Mix	Individual 12-Week, 8-Week and GYN pathologies
OB/GYN 12-Week Mix	

## Vimedix 2nd Trimester Obstetrics and Gynecology Ultrasound Simulator

Included Hardware	
Curvilinear Transducer	Foot Pedal
Female Manikin	One year of Express support and maintenance
Laptop, Mouse, Cables, Foot Pedal	
Included Pathology	
Choroid Plexus Cysts	Nasal Bone Absence, Nasal Hypoplasia
Cleft Lip, Cleft Lip & Palate, Cleft Palate	Normal Fetus
Cloacal Bladder Exstrophy	Oligohydramnios, Polyhydramnios
Dandy-Walker Syndrome	Omphalocele
Esophageal Atresia	Renal Agenesis, Renal Pelvis Dilation, Renal Dysplasia
Fetal Growth Restriction—Short Femur	Unilateral Club Foot, Bilateral Club Foot
Gastroschisis	Unilateral Ventriculomegaly
Mega Cisterna Magna	
Optional Add-Ons	
OB/GYN 1st Trimester Module with Transvaginal Transducer	Gynecology Pack
OB/GYN 8-Week Mix	Individual 12-Week, 8-Week and GYN pathologies
OB/Gyn 12-Week Mix	