Gain proficiency scanning a range of maternal-fetal anomalies

VIMEDIX™ Ob/Gyn Ultrasound Simulator

CAE Healthcare
VIMEDIX
Ob/Gyn Ultrasound Simulator

The VIMEDIX Ob/Gyn Ultrasound Simulator accelerates training for physicians and sonographers who perform prenatal ultrasound to assess fetal health and diagnose fetal anomalies. Users can gain proficiency in skills associated with obstetrical and gynecological sonography, including:

• Image acquisition and optimization
• Comprehensive assessment of fetal anatomy (normal and pathology)
• Gestational age assessment
• Maternal adnexal anatomy
• Performing a comprehensive gynecological sonography exam*

The superb definition of both ultrasound and 3-D anatomical images improves training, allowing learners more rapid comprehension and a shorter time to competency.
VIMEDIX Ob/Gyn is the most realistic and comprehensive simulator for helping clinicians develop the necessary skills for performing detailed sonographic examinations.

**GAIN EXPERIENCE WITH PATHOLOGICAL SCENARIOS** — practice with a broad range of normal and pathological imaging scenarios without the inconvenience or risk associated with scanning live patients.

**BUILD CONFIDENCE WITH PRACTICE** — build confidence and skills while obtaining high-resolution, real time ultrasound images, or while simultaneously viewing 3-D anatomical images.

**LEARN FASTER WITH A 360° PERSPECTIVE** — improve understanding of anatomy and anatomical structural relationships related to ultrasound image acquisition and interpretation.

**ACHIEVE COMPETENCE QUICKLY WITH ON-DEMAND LEARNING** — obtain experience when you want, where you want, with 24/7 availability of normal and fetal anomaly scenarios.

**LEARN AT YOUR OWN PACE** — excellent for proctored training or to supplement instructor-led training through self-directed learning.

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**STANDARD EQUIPMENT**

VIMEDIX Ob/Gyn mannequin
Computer with monitor, keyboard and mouse
Transducer
Four base pathologies:
  - Normal 20-week fetus
  - Facial anomaly – cleft palate and cleft lip
  - Unilateral ventriculomegaly
  - Gastrochisis

**NEW!** Extensive portfolio of fetal anomalies available for purchase
  - Bilateral Club Foot
  - Choroid Plexus Cyst — small
  - Choroid Plexus Cyst — large
  - Cleft Lip and Palate
  - Cleft Palate
  - Cloacal Bladder Extrophy
  - Dandy Walker Syndrome
  - Esophageal Atresia
  - Fetal Growth Retardation — Shortened Femurs
  - Left Renal Agenesis
  - Mega-Cinterna Magna
  - Multicystic Renal Dysplasia
  - Nasal Bone Absence
  - Nasal Hypoplasia
  - Oligohydramnios
  - Omphalocele
  - Polyhydramnios
  - Renal Pelvis Dilation
  - Right Renal Agenesis
  - Unilateral Club Foot
  - Bilateral Club Foot
  - Choroid Plexus Cyst — small
  - Choroid Plexus Cyst — large
  - Cleft Palate
  - Cleft Lip and Palate

*First trimester training, pathologies and library of cases coming in 2014!*

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**Beauty meets functionality in our updated user interface!**

**Clearer, more vivid images** — The new VIMEDIX user interface devotes maximum screen space to the realistic ultrasound images and corresponding 3-D anatomical displays.

**Added realism for the training environment** — Pop-up menu buttons and measuring tools more closely resemble commercially available ultrasound systems.

**A biplane imaging mode** allows visualization of the fetal heart from two simultaneous ultrasound beams.

**Comprehensive metrics at-a-glance** — instructors or users can instantly see a side-by-side summary and comparison of the target versus actual captured ultrasound images.

**Fetal gender option** — users or instructors can choose fetal gender.
CAE Healthcare offers simulation-based patient, imaging, surgical and learning solutions to improve patient safety and outcomes. Our leading-edge products and learning applications provide risk-free practice and professional development to physicians, nurses, EMS responders, military medics, students and allied health professionals around the world.

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