



Echo Healthcare

INNOVATION SIMULATION EDUCATION

Who are we?

At Echo Healthcare we believe in a simple ethos – We are passionate about saving lives. We are redefining service and innovation by improving patient outcomes through education and technology

Echo Healthcare was founded by a group of passionate simulation experts who bring over 40 years of experience into the marketplace. A combination of clinical, educational and business knowledge means we are the authority in the field, and we have created a value proposition that is anchored in customer needs

Redefining Innovation

Echo Healthcare has created a “circle of innovation” by bringing diverse product lines that complement one another in a meaningful way, and can grow as your programs expand

We believe your programs should be built around your needs and not restricted by the limitations of a simulator. Echo Healthcare provides solutions that can be tailored to your educational needs



Echo Healthcare
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Echo Offerings

Lifecast

Premature Baby
New Born Baby
Toddler / Child
Adult Male
Adult Female
Geriatric Male
Geriatric Female



iSimulate

REALITi360 PRO
REALITi360 PLUS
CTGi
AURiS



EchoMasks

African Senior Male
African Middle Age Male
African Bariatric Middle Age Male
Asian Senior Male
Asian Senior Female
Caucasian Senior Male
Caucasian Senior Female
Caucasian Middle Age Male
Caucasian Middle Age Female
Caucasian Bariatric Middle Age Male
Hispanic Middle Age Male



Immersive Interactive

Healthcare Simulation Virtual Environments:

- Emergency Service
- Pre-Hospital
- In Hospital

Educational Simulation Virtual Environments:

- Primary
- Secondary
- Special Needs

MeLiSA - Master Level Service Agreement

MeLiSA Assurance Program
MeLiSA Parts
MeLiSA Live Support

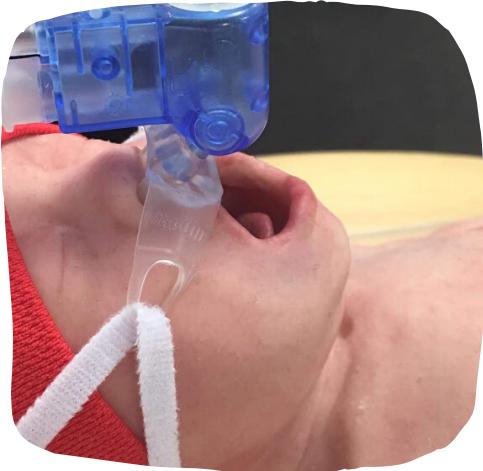




Introducing a step change in realism for the medical training industry, Lifecast Body Simulation has developed a range of highly accurate and lifelike medical manikins which are transforming the way that medical simulation and education are delivered.

Every manikin demonstrates incredible realism and the very highest quality. With an ever evolving range, explore our pre-term and newborn babies, children and adults both young and old - all available with a wide range of ethnicity options.

Manufactured in the U.S.A



Premature Baby Patients

The Premature Baby (28 weeks) features lifelike fine details such as vasculature & underlying structures to support NICU training. The Premmie Baby is available in a wide range of ethnicities and created to an average premature 28 weeks gestation weight and size. The Preemie Baby's realistic weight, skin, and look encourages a more natural handling. Echo Healthcare is bringing a new level of realism to medical training.

Manikin Options: Premature Baby

KEY FEATURES

- Step wise airway management with mouth, upper airway and lungs enabling bag valve mask, oropharyngeal airway, supraglottic airway, and ET tube intubation
- CPR compatible
- Closed eyelids
- Umbilical Cord - cannulatable with flashback
- Standard weight 2.1 lbs
- Our wide range of ethnicities includes: Caucasian and Afro Caribbean

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New Born Full Term Baby Patients

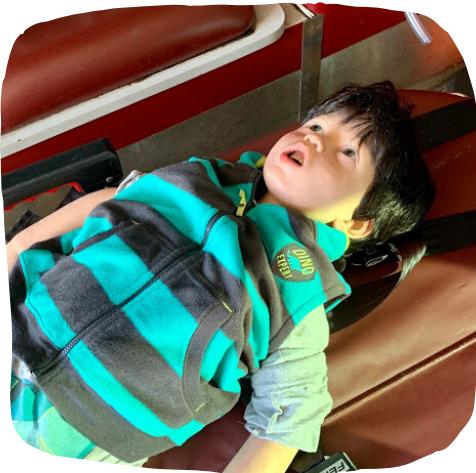
The Lifecast Body Simulation New Born Baby is modeled from a real infant. The New Born Baby features lifelike fine details such as vasculature, underlying structures & optional hair. The New Born Baby is available in a wide range of ethnicities and created to an average new born weight and size. The New Born Baby materials and realistic skin encourages natural handling. Echo Healthcare is bringing a new level of realism to medical training.

Manikin Options: New Born Full Term Baby

KEY FEATURES

- Step wise airway management with mouth, upper airway and lungs enabling bag/valve/mask, oropharyngeal airway, supraglottic airway, and ET tube intubation
- CPR compatible
- Closed Eyelids
- Umbilical Cord - cannulatable with flashback (Optional)
- Intraosseous Insertions in Tibia (Optional)
- Standard Weight 4.9 lbs
- 2 hair options - No Hair or Hand Punched Hair (Optional)
- Our wide range of ethnicities includes: Caucasian and Afro Caribbean

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Toddler / Child Patients

The Lifecast Body Simulation Toddler is a highly accurate and lifelike young child's body. Based on the scans of real children, the Lifecast Toddler features realistic details such as vasculature, and underlying structures. Based on CT imaging, the Toddler supports airway management with an articulated mouth and jaw. The Toddler is available in a wide range of ethnicities and created to the weight and height of an average pediatric patient. Echo Healthcare is bringing a new level of realism to medical training.

Manikin Options: Toddler (3 Year Old) or Child (8 Year Old)

KEY FEATURES

- Step wise airway management with mouth, open nostrils, upper airway and lungs enabling bag valve mask, oropharyngeal airway, nasopharyngeal airway, supraglottic airway and ET tube intubation (Child only)
- CPR compatible
- Needle Decompression: 2nd Intercostal Space (front) - if needed
- Intraosseous Insertions in Tibia (Optional)
- Real hand punched hair plus body hair with eye lashes and eyebrows
- Standard Weight for age - approx. 30 lbs (3 year old toddler) & 62 lbs (8 year old child)
- Our wide range of ethnicities includes: Indian subcontinent, Caucasian and Afro Caribbean

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Adult Patients

The Lifecast Body Simulation Adult manikins are highly accurate and lifelike adult patient modeled from scans of real people. The Lifecast Adult manikins features realistic details such as vasculature & hand punched hair. CT airway with an articulated mouth for airway management. Available in wide range of ethnicities, Lifecast manikins are weighted and represent the average height of an adult for training for actual patient transfers. Echo Healthcare is bringing a new level of realism to medical training.

Manikin Option: Adult Male or Adult Female

KEY FEATURES

- Step wise airway management with mouth, open nostrils, upper airway and lungs enabling bag valve mask, oropharyngeal airway, nasopharyngeal airway, supraglottic airway and ET tube intubation
- CPR compatible
- Needle decompression: 2nd Intercostal Space (front) & 5th Intercostal Space
- Bilateral Intraosseous Insertions in humeral head & tibia
- Closed Eyelids capable of manual opening
- NG tube insertion and catheterization function (Option)
- Real hand punched hair plus body hair (genitals), eye lashes, and eyebrows
- Standard Weight approx. 90 - 110 lbs
- Our wide range of ethnicities includes: Indian subcontinent, Caucasian, Afro Caribbean and Hispanic

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Geriatric Patients

The Lifecast Body Geriatric manikins are highly accurate and lifelike elderly bodies based on the scan of a real people. The Geriatric manikins features realistic details such as vasculature, eyebrows, & hand punched hair. A CT airway with articulated mouth for airway management. Lifecast manikins are weighted and represent the average height of an elderly adult for training for actual patient transfers. Echo Healthcare is bringing a new level of realism to medical training.

Manikin Option: Geriatric Male "Pete" or Geriatric Female "Vivian"

KEY FEATURES

- Step wise airway management with mouth, open nostrils, upper airway and lungs enabling bag valve mask, oropharyngeal airway, nasopharyngeal airway, supraglottic airway and ET tube intubation
- CPR compatible
- Removable Dentures
- Needle Decompression: 2nd Intercostal Space (Front) & 5th Intercostal Space
- Bilateral Intraosseous Insertions in humeral head & tibia
- Closed Eyelids capable of manual opening
- NG tube insertion and catheterization function (Option)
- Real hand punched hair plus body hair (genitals), eye lashes, and eyebrows
- Standard Weight approx. 90 - 110 lbs
- Ethnicity: Caucasian

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iSimulate



iSimulate provides smart simulation solutions that are used by organizations across the world. **Our mantra is simple** – we use the best of current mobile technology to create products that are more realistic, cost effective and simpler to use than traditional solutions. Train anywhere at any time with our flexible simulation systems

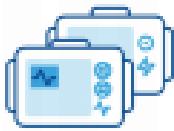


REALITi

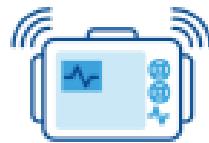


A new simulation ecosystem incorporating a patient simulator and video in a single system.

REALITi is a highly advanced patient monitor simulator which mimics proprietary monitors and defibrillators. By expanding the system, a complete in-situ simulator with video and simulated patient records can be created



Defibrillator screens from Zoll, Corpuls, Philips and many more are included



Looks, sounds and functions like the real thing



Dynamic 12 Lead ECG library



Curated radiology images



Live stream video wirelessly

A new simulation ecosystem


REALITi


Zoll X



Propaq MD



Philips MRx EMS



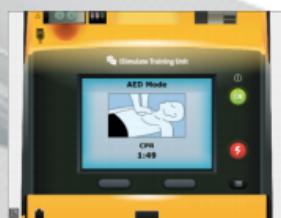
Philips MRx Hospital



Lifepak 15



Corepuls 3



Lifepak 1000 AED



Carescape B40



Philips IntelliVue MX800



CTGi



A highly advanced and realistic fetal heart rate monitor simulator

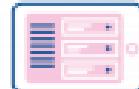
CTGi is an economical, highly advanced and realistic fetal heart rate monitor simulation package. Using just two iPads, the lightness and simplicity of CTGi makes it ideal for in-situ training



Use CTGi to create hours of traces



Turn your low fidelity situation into high fidelity simulation



Name, save and replay scenarios and traces for teaching



Review, annotate and teach



Add decelerations, accelerations and contractions with ease.

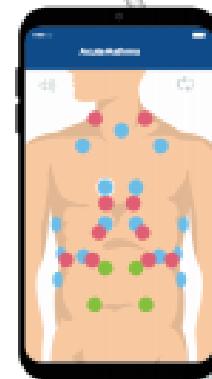
Manage maternal vitals

Pause, rewind and fast forward with a swipe



AURiS

A simulation stethoscope with advanced sensor technology



Looks like a stethoscope, sounds like a stethoscope



22 Heart and 13 Lung Sounds



Bruit and Bowel Sounds



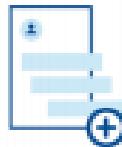
Completely wireless

Realistic and Real – Sounds Great

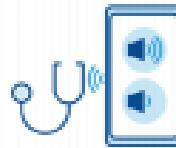
Heart, Lung, Bowel and Bruit sounds all included. The student only hears sounds when the stethoscope is placed on the body



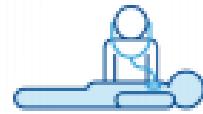
Create patient scenarios with ease



Add sounds on the fly



Adjust volume remotely



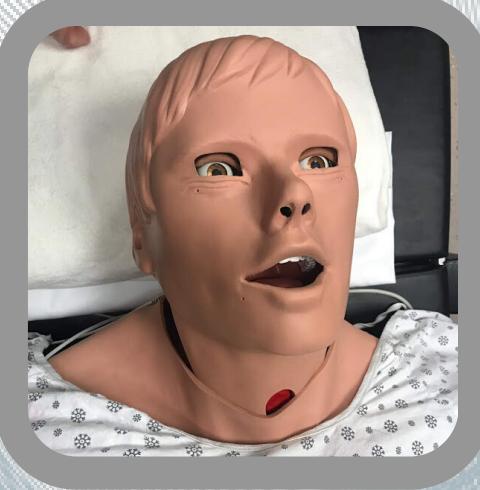
Increase simulation fidelity



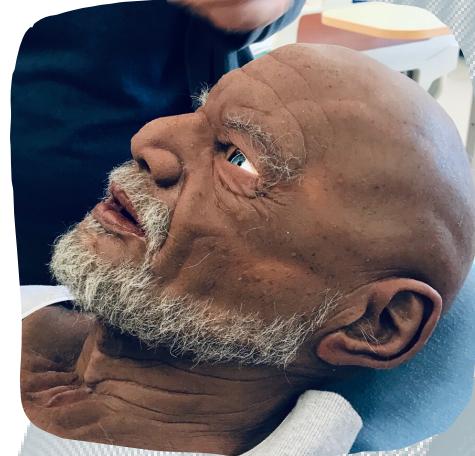
Use iSimulate with your Lifecast Manikin to enhance your scenario with vital signs, sounds (heart, lung, bowel), and CPR metrics. With the use of Lifecast Manikins and iSimulate your learners will experience the most realistic simulation that they have ever encountered, fully immersed in the suspension of disbelief.

EchoMask

Realism Diversity Quality



EchoMask is designed to enhance the fidelity of your simulators and standardized patients by providing a dramatic increase to the level of realism and diversity to the learners experience.

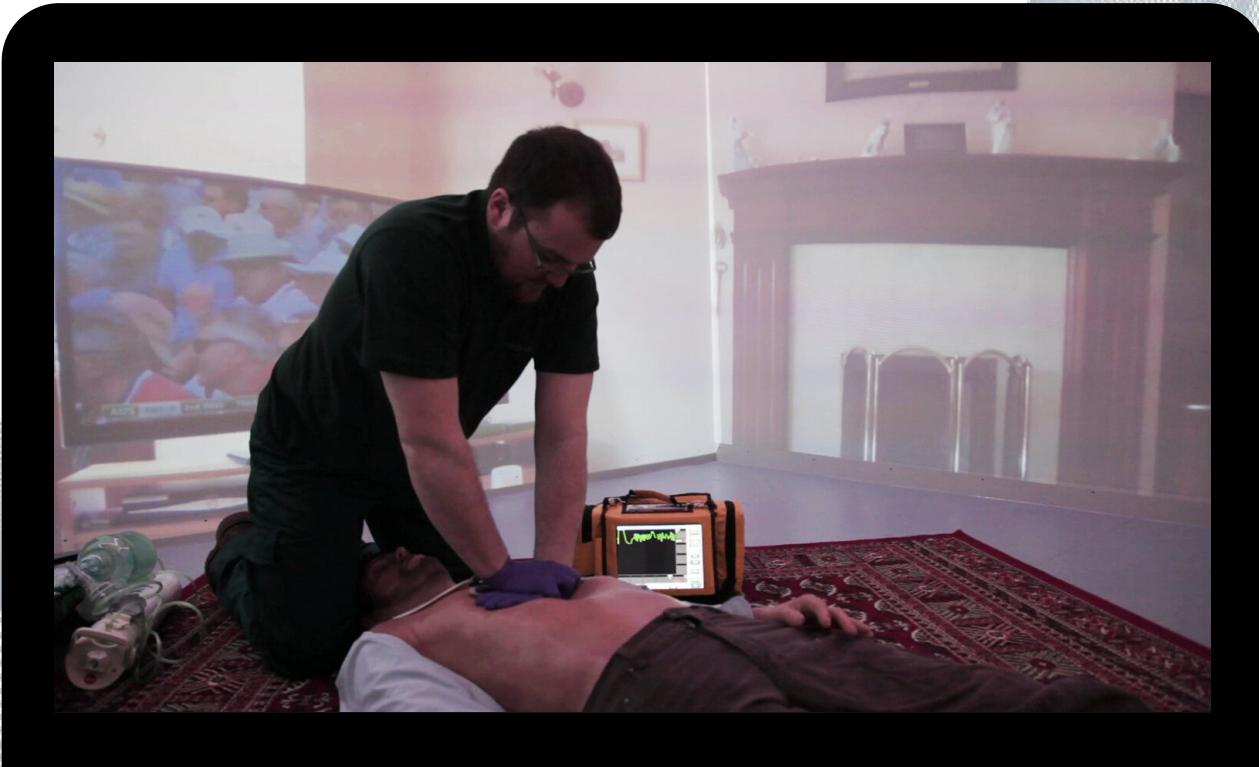


Each EchoMask Key Features:

- Full Chest (including breasts) and Back Plate
- Advanced Manufacturing Technology
- Medical Grade Silicone
- Latex Free
- Easy care and maintenance - no staining
- **Fits on multiple makes and models of simulators**

EchoMask Current Offerings:

- African Senior Male
- African Middle Age Male
- African Bariatric Middle Age Male
- Asian Senior Male
- Asian Senior Female
- Caucasian Senior Male
- Caucasian Senior Female
- Caucasian Middle Age Male
- Caucasian Middle Age Female
- Caucasian Bariatric Middle Age Male
- Hispanic Middle Age Male



immersive



FULLY
INTERACTIVE



LIMITLESS
CONTENT



EDIT WITH
EASE



TRAINING
& SUPPORT

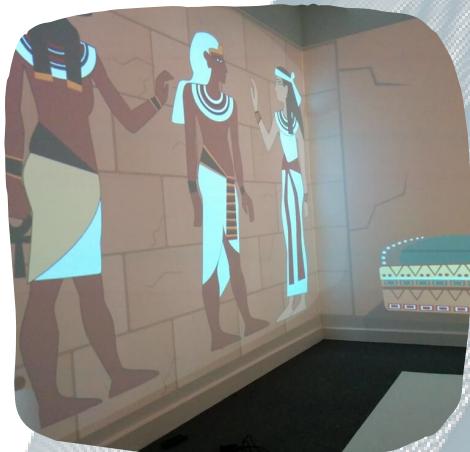
Immersive Interactive is the leading product for unique learning spaces across the emergency services and educational classroom settings. Immersive Interactive transforms classrooms into fully interactive and engaging spaces to provide safe training environments. Immersive Interactive saves money while creating a unique space that will meet your training requirements.



Immersive Interactive provides unique learning spaces within healthcare that bring the hazards and complexities of the workplace into safe learning environments. Immersive Interactive content library provides environments for all healthcare professionals including fire, pre-hospital, emergency, hospital, home care and many more. Customizable environment where trainers can put students through their paces in a multitude of scenarios for vital experienced-based learning.

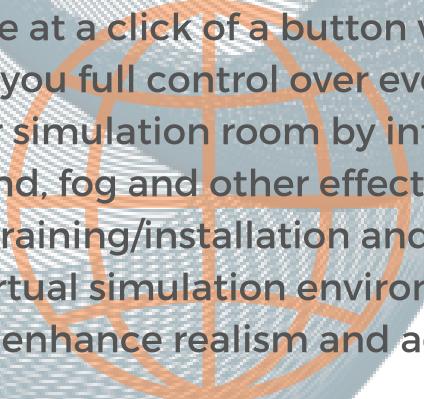


Immersive Interactive provides customizable immersive classrooms within primary, secondary, and special needs education. Our multi-sensory environments, engaging content, and vast experience provide the most innovative learning spaces. Lessons can be brought to life by being presented in an engaging, stimulating and interactive way. Students can also take charge of creating their own content, which inspires creative thinking, peer-driven problem solving and shared learning.



State of the Art Interactive Training Environments

Hundreds of scenes available at a click of a button with simple-to-use, incredibly flexible software that gives you full control over every aspect of your simulation environment. Control your simulation room by interacting with every surface and add sounds, smells, wind, fog and other effects. The package includes all of the software, hardware, training/installation and support necessary. Easily create fully-immersive virtual simulation environments with multi-sensory experiences to enhance realism and advance learning.





The Support You Need, At A Price You Can Afford

MeLiSA stands for Master Level Service Agreement. We understand how valuable your time is, and understand that running medical simulators can be complex. We demystify medical simulators, and provide immediate support any time, anywhere!

Service



We are highly experienced and well-versed in the majority of medical simulators, including both hardware and software. Our goal is to eliminate downtime and keep your simulators in operational condition.



Value



We understand that it is impossible to anticipate every issue that arises with your technology. Our aim is to provide end to end coverage that stabilizes your annual capital equipment maintenance costs, and provide you unparalleled expert service.



Experience

Our independence makes us the only credible simulation maintenance program available in the industry. The MeLiSA team is comprised of highly skilled ESR's (Emergency Simulator Responders) with a broad technical skill set. Unlike other service and support programs, our loyalties are to you. We act as your advocate with the simulator manufacturers, and our goal is to keep your program operational.

Feedback from one of our MeLiSA adopters

"As the Simulation Centre Manager at the University of Calgary, Faculty of Nursing – I manage 14,000 square feet of simulation labs and suites, in a multi-vendor environment and with a high volume of demand from our students and faculty. Usage continues to grow year over year.

Recently our experienced and highly trained Tech Support left for another organization and this meant we would be trying to backfill a high demand, low supply function/role – not easy, and expensive. We looked at other options like re-upping service agreements with the OEMs – not always possible, and highly expensive. I then started talking to the team at Echo Healthcare about their new MeLiSA offer.

Here's what we wanted in a service:

Less expensive and more efficient delivery of tech support

Multi-platform, multi-vendor support

One stop shop to simplify service and reduce costs

Add in Preventive Maintenance and Training

Option for on-site visits/repairs



UNIVERSITY OF
CALGARY

We also wanted one more strategic option, to use the data captured by our service calls to better inform Capital/Life Cycle Plan. Making informed capital decisions is crucial in the simulation world, and is so often, neglected or misunderstood – but can make or break your program.

In conclusion, we have been utilizing MeLiSA for several months now on all 42 of our simulators and the service has exceeded my expectations. The MeLiSA service delivers tech support in a very timely, knowledgeable, and professional way. They really are a great team to work with. My staff are noticeably less stressed and the faculty are happier because their simulations run smoothly...and I save costs, increase service, and get to a more strategic business level."

- Jeff Dawes, Clinical Simulation Learning Centre Manager, Faculty of Nursing at University of Calgary





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