As a trusted name in healthcare, Mediquip continues its tradition of quality products in our range of patient simulators, ultrasound trainers, task trainers, and practice medications.

Mediquip provide the most advanced, high quality simulation equipment available, are passionate about medical education and dedicated to providing the best customer service.

With offices in Brisbane, Melbourne and Sydney, our manufacturer certified team of simulation specialists and service technicians are always available for comprehensive service and training.

PRODUCTS & SERVICE

P 1300 246 349
F 1300 246 329
E sales@mediquip.com.au
www.mediquip.com.au
### CAE HEALTHCARE SIMULATORS
- Juno ......................................................... 4
- Lucina ..................................................... 5
- iStan ......................................................... 6
- HPS Human Patient Simulator .................... 7
- Caesar ..................................................... 8
- Athena ..................................................... 9
- Apollo ...................................................... 10
- PediaSim ................................................... 11
- BabySim ................................................... 11
- Müse ......................................................... 12
- Vivo ......................................................... 13

### CAE AUDIO VISUAL SOLUTIONS
- Configurations ......................................... 14
- Learningspace .......................................... 15
- Replay ..................................................... 15

### CAE SURGICAL SIMULATORS
- Lap VR ..................................................... 16
- Endo VR .................................................... 16
- Neuro VR ................................................... 16
- Cathlab VR ................................................. 16
- ICCU ......................................................... 16

### SURGICAL CUT SUITS & TRAUMA TRAINING MODELS .......................................................... 17

### VIMEDIx ULTRASOUND SIMULATORS
- Vimedix Cardiac ....................................... 18
- Vimedix Abd ............................................. 18
- Vimedix OB/GYN ........................................ 19
- Vimedix AR ............................................... 19

### ULTRASOUND TRAINING MODELS
- Gen II Ultrasound Central Line Training Model ........................................ 20
- Internal Jugular Central Line Training Model ............................................. 20
- Fast Exam Ultrasound Training Model ...................................................... 21
- Abdominal Aortic Aneurysm Ultrasound Training Model ......................... 22
- Midsacral Thoracentesis Ultrasound Training Model ................................ 22
- Femoral Regional Anaesthesia & Vascular Access .................................... 22
- Renal Biopsy Ultrasound Training Model ............................................... 23
- Spinal Epidural and Lumbar Puncture Ultrasound Training Model .......... 23
- Sciatic Leg Ultrasound Guided Regional Anaesthesia Training Model ........ 23
- Gen II PICC with IV & Arterial Vascular Access Arm ................................ 24
- Musculoskeletal (MSK) Ultrasound Training Model .................................. 24
- Transvaginal Ultrasound Training Model ................................................. 24
- Scrotal Ultrasound Training Model ......................................................... 25
- Breast Biopsy Ultrasound Training Model ............................................... 25
- Thyroid Biopsy Training Model ............................................................... 25
- Regional Anaesthesia Ultrasound Training Block Model ......................... 25
- Branched Four Vessel Vascular Access Ultrasound Training Model .......... 26
- Bone Fracture Ultrasound Training Model .............................................. 26

### BT TRAINING MODELS
- CPR Elevation Simulator ................................ 27
- CPR Training Simulator ................................ 27
- Blood Pressure Assessment Trainer II ......................... 28
- Intravenous Injection Training Arm II ................................................. 28
- Intramuscular Injection Training Buttocks ............................................. 28
- Airway Assessment Training Model .................................................... 29
- Subcutaneous Injection Model ......................................................... 29
- Intradermal Injection Model ......................................................... 29
- CPR Training Model ........................................ 29
- Male Catheterisation Training Model .............................................. 30
- Female Catheterisation Training Model ........................................... 30
- Enema Training Model ........................................ 30
- Tube Feeding, Tracheostomy, Suction Training Model ......................... 30

### TELYSES TASK TRAINERS
- All Purpose IV Training Arm .................................. 31
- IV Training Arm ........................................ 31
- Suction Training Model ....................................... 31
- Venipuncture Pad ........................................... 31
- Chest Tube Manikin ........................................ 31
- Multi-purpose Clinical Puncture Simulator ...................................... 31
- Combined Neonate Care Simulator ................................................. 31
- Maternity Model ............................................ 31

### WALLCUR PRACTICE PRODUCTS
- NEW Practi ................................................ 32
- Practi Powders and Practi Vials ................................................. 33
- Practi Peel N Stick Labels ............................................ 34
- Practi Insulin Vials ............................................... 36
- Practi Vials (Drug Specific) ........................................... 36
- Practi Ampoules .............................................. 38
- Practi Oral Meds ............................................... 40
- Practi Crash Code Meds ........................................... 42
- Practi Sim Pack ................................................ 42
- Practi Accessories ............................................... 43
- Practi Injection Simulators .......................................... 44

### OTOSIM OTOSCOPY SIMULATION SYSTEM
- Otosim 2 Otoscopy & Simulation System ....................................... 45
- Pneumatosim Otoscopy Upgrade Kit for Otosim 2 ......................... 45
- Ophthosim Ophthalmoscope Training & Simulation Kit ..................... 45

### NIO BONE GUN TRAINING KITS ................................................. 46

### TRAINING AND SUPPORT .................................................. 47

---

DISCLAIMER: Please note that prices and availability are correct at the time of publishing but may be subject to change without notice. Whilst we try to ensure accuracy, Mediquip is not responsible for any typographic or photographic errors in this catalogue.
CAE HEALTHCARE SIMULATORS

Mediquip has been the Australian and New Zealand distributor of the CAE Healthcare range of simulation products for more than 7 years. Mediquip can provide complete technical support and education to our customers. We offer a complete range of simulation solutions including human patient simulators, surgical and imaging simulators AV and simulation centre management and learning applications. Mediquip can also offer targeted solutions to hospitals, medical schools, nursing, paramedic, military and allied health programs.

JUNO
Don’t settle for yesterday’s nursing manikin

A male and female patient in one manikin - gender conversion kit includes wig, torso skins and genitalia

• Anatomically accurate landmarks for realistic clinical skills practice
• Realistic articulation to promote proper patient handling
• Eyes and ears accommodate irrigation procedures or medication administration with real fluids
• Open pliable nares allowing for nasal packing, insertion of nasopharyngeal airways, nasal cannula and NGT placement
• Open mouth allows for realistic oral and denture care; placement, securing and management of oral airways and endotracheal tubes
• Realistic tracheostomy site allows for tracheostomy care and procedural suctioning with real fluids
• Subclavian catheter care
• Chest tube care
• Accommodates oxygen delivery methods with realistic chest rise with use of BVM via face mask, endotracheal tube or tracheostomy
• Gastric lavage and gavage with real fluids
• Pulses include manually generated carotid pulse, (electronically generated brachial and radial pulse available with Live manikin option)
• ECG posts for lead placement (rhythm generation available with live manikin option) Configurable stomas for ostomy care and irrigation
• Urinary catheterization with real fluid return
• Enema procedures capable with real fluids
• IM injections and medication administration via deltoid, gluteal and vastus lateralis muscles
• Articulating, easy-to-maintain IV arm, with replaceable IV pucks allowing for IV placement, site care and fluid administration.
LUCINA
Unrivaled realism and versatility for childbirth and female patient scenarios
The Lucina simulator delivers exceptional reliability and fidelity for the practice of normal to rare childbirth scenarios and emergency care. Built on CAE’s powerful Fidelis platform, Lucina has validated and integrated physiology that responds automatically to clinical interventions.

FEATURES INCLUDE:

• Advanced birthing mechanism is reliable, stable and the quietest in the industry
• Realistic fetal landmarks and anatomically correct pelvis allow learners to identify fetal presentation, recognize stages of labor and practice normal, breech and emergency deliveries
• The only birthing simulator that comes with static cervices for prepartum assessment
• Placental extraction with a safe level of traction for delivery
• Advanced CPR performance analysis measures the quality and depth of chest compressions, ventilation rate and volume, cardiac output and more
• The only simulator that supports full maternal code as a gravid or non-gravid patient
• Post-partum haemorrhage reservoir holds 1.8 liters of blood for practice of a wider range of scenarios, including Class III haemorrhage
• Detects and logs uterine massage and bimanual compression to treat uterine atony, and allows for boggy or contracted uterus
• NEW! SymEyes display patient symptoms and conditions, including jaundice, hemorrhage, keyhole pupil, cataracts and bloodshot or droopy eyes.

To learn more about Lucina watch this CAE Healthcare video: [http://www.youtube.com/watch?v=HIsn0B6ijaE](http://www.youtube.com/watch?v=HIsn0B6ijaE)

“After researching all the available models we chose CAE Lucina birthing simulator as the best and most reliable option and she has proven to be a brilliant decision. Our midwife educators love her and feedback from recent simulation-based education has been overwhelmingly positive. Anaesthetics think she is a marvellous addition to our suite of patient simulators. Service follow up is absolutely reliable, responsive and helpful which is a key feature.”

Rob Sinclair, Director, Waikato Skills & Simulation Centre, Hamilton NZ
iStan

**Fully mobile with unlimited patient states and scenarios**

iStan is the most advanced wireless patient simulator on the market, with excellent articulation and full mobile capabilities. Modeled, integrated physiology allows instructors to launch a simulation with two clicks, or to program an unlimited number of patient states and scenarios for advanced practice.

**FEATURES INCLUDE:**

- Mechanical ventilation supported with variable lung compliance and software-controlled airway resistance
- Fully wireless and tetherless with blood, fluids and power on board
- SpO2 finger probe is integrated with patient monitor display
- Advanced physiology with the capacity to create an unlimited number of patient profiles and scenarios
- Realistic airway, modeled from a patient CT scan, accepts more airway management devices
- Trauma features include flail chest, cyanosis, capillary refill, trismus, and sternal and tibial IO access
- Throat sounds; bowel sounds; wireless voice capability (live speech)
- Defibrillation and cardioversion using live defibrillators.

As seen on the talk show The Doctors: [http://www.vimeo.com/40092329](http://www.vimeo.com/40092329)
The only simulator that truly breathes—for anaesthesia, respiratory and critical care

The Adult and Paediatric HPS are the only human patient simulators on the market today that provide true respiratory gas exchange. The HPS interfaces with real clinical monitors and ventilators, and automatically responds to the administration of real anaesthetic gases, oxygen therapy and medications.

FEATURES INCLUDE:

- Reactive pupils
- Uptake and distribution of nitrous oxide and volatile anaesthetics
- True gas exchange, with self-regulated rate and tidal volume to maintain a target arterial carbon dioxide partial pressure
- Variable airway resistance, lung compliance, and chest wall compliance, with independent control of the left and right lungs
- Oxygen therapy and ventilation register on real monitoring equipment, such as a capnograph or respiratory gas analyser. The respiratory system is capable of triggering a ventilator
- Mechanical ventilation fully supported with automatic responses to CPAP, PSV, SIMV, assist control modes and weaning protocols
- Drug Recognition System identifies drug concentration and volume with pharmacokinetic modelling for more than 60 intravenous drugs
- Thumb twitch linked to neuromuscular blocking agent response.

“We use HPS for high fidelity Anaesthetic and Intensive Care courses. It provides a level of ventilation fidelity we would find difficult to truly replicate in any other manikin. With the use of MUSE software, the operating system is stable and the simulator is more easily manipulated.”

Tess Vawser (Director of Clinical Education & Simulation) and Tom Hallahan (Simulation Coordinator) at Epworth HealthCare
CAESAR

Trauma patient simulator for point-of-injury care

Environmental conditions in combat or "point-of-injury" situations can be hostile and make emergency care demanding. Rugged, durable and water-resistant, Caesar is a trauma patient simulator that can be used in different types of terrain, climates and other challenging elements. Caesar is wireless and can be operated remotely with the Müse platform.

FEATURES INCLUDE:

• Durable airway supports most adjuncts for intubation, bagging and cricothyrotomy
• Vocalizations have a 400-foot range, enhancing outdoor and search and rescue simulations
• Water-resistant for hazardous material and decontamination exercises
• High-pressure arterial or venous bleeding with 1.4 liters of blood on board and four tourniquet locations with sensors
• Ruggedized for outdoors (4C-40C/40F-14F) with resistance to heat, humidity, sand, dirt, impact and rough handling
• Six-hour battery with true hot-swap capability
• Fully posable in sitting or recovery positions
• Ten military or civilian Simulated Clinical Experiences (SCEs) included
• Optional wounds include left leg with blast injury, multiple shrapnel wounds, facial wound, wrist injury forearm and right hand gunshot wound
• Directional eye movement and speech patterns reflect state of consciousness, pain level and specific medical conditions
• Full range of motion in the neck, back, shoulders, elbows, forearms and wrists.

On Scene Mass Casualty Treatment Simulation: https://youtu.be/q1kei1bU0rs?list=PLvnjPMehykjpSKooU9LFZ-60fFZv5G

CAE HEALTHCARE SIMULATORS
ATHENA
The world’s most advanced female patient simulator

Athena allows learners to build confidence and competence before they treat a female patient. With realistic female proportions, anatomy and vocalizations, she enables healthcare teams to enhance clinical skills and judgement as they become fully immersed in simulated clinical experience.

Advanced CPR performance analysis measures hand placement and quality of chest compressions, chest recoil, ventilation rate and volume, cardiac output, coronary and cerebral profusion pressures.

Fully wireless and tetherless for in situ training or mobile simulation and transport.

FEATURES INCLUDE:

- Bilateral and unilateral lung excursion
- Mechanical ventilation compatible with CMV and SIMV modes
- Ventilation efficacy reflected in the alveolar and arterial gas concentrations
- Anatomically realistic and durable upper airway designed to allow for laryngoscopy and oral intubation
- Both Müse and Vivo operating platforms are included
- Dark skin tone available
- Urinary catheterization and realistic urine output
- Convulsions and seizures associated with rapid blinking and arm movement
- Blinking and reactive pupils with multiple settings
- NEW! SymEyes display patient symptoms and conditions, including jaundice, hemorrhage, keyhole pupil, cataracts and bloodshot or droopy eyes.
APOLLO

Setting a new standard for realism in patient simulation

For years, METIman has been the benchmark for innovation, fidelity, quality and value in patient simulators. And now—with your help—we’ve made him even better. With powerful new features, stunning aesthetics, and even more realistic learning experiences, it only seemed fitting to give him a new name. Meet Apollo.

Advanced CPR performance analysis measures hand placement and depth of chest compressions, chest recoil, ventilation rate and volume, cardiac output, coronary and cerebral profusion pressures.

FEATURES INCLUDE:

• Choice of two models:
  - Prehospital with advanced airway management features
  - Nursing with tracheostomy care, central line infusion and maintenance and gastric lavage gavage
• Darker skin tone available
• Fully wireless and tetherless with blood on board. True scenario mobility allows instructor to switch from remote tablet to classroom workstation within a scenario
• Realistic airway, modeled from a patient CT scan, accepts more airway management devices.
• Both Müse and Vivo operating platforms are included
• Two standard patients and four validated Simulated Clinical Experiences (SCEs) included in Müse, and four SCEs in Vivo
• Dark skin tone available
• Ultrasound Scan Records: normal and pathologic cases including cardiac, abdominal, FAST and pleural surface scans.

“...It’s the subtleties in Apollo that make the difference. For example, if the participant stops ventilating because they’re distracted, the manikin assesses this and automatically de-saturates. It is this physiological underpinning that ensures the basics are always maintained no matter how complex the scenario. That’s what sets him apart ... and the price! An essential manikin purchase.”

Dr Simon Patten, Director & Senior Lecturer, Adelaide Health Simulation, Faculty of Health and Medical Sciences
**PEDIASIM**

Realistic physiology for paediatric care practice, because children aren’t just small adults

PediaSIM represents a six-year-old patient with a realistic airway, thorax and anatomical features to support a wide range of clinical interventions. PediaSIM is available on the HPS platform, which is designed for anesthesia, respiratory and critical care, or the ECS platform, for medicine, nursing and health sciences.

**FEATURES INCLUDE:**
- Realistic modeling of paediatric cardiovascular, respiratory and neurological physiology
- Vascular access includes IV arm, IO sites, jugular
- Advanced realistic airway that accommodates LMA, ET and combitube placement
- Advanced difficult airway trauma features allow practice of nasal and oral intubation and needle cricothyrotomy
- Emergency airway procedures include needle cricothyrotomy, transjet ventilation, chest tube replacement, needle decompression
- Accommodates live defibrillation, cardioversion and pacing using live defibrillators. Energy is automatically quantified and logged.

**BABYSIM**

Infant patient simulator for life-saving critical care

Driven by validated models of infant cardiovascular, pulmonary and neurological systems, BabySIM generates automatic responses to clinical interventions to prepare healthcare professionals for critical events relating to infants.

**FEATURES INCLUDE:**
- Realistic modeling of infant cardiovascular, respiratory and neurological physiology
- Bulging fontanel capability
- Advanced trauma features allow practice of esophageal, nasal and oral intubation, transthoracic pacing, needle decompression and chest tube insertion with fluid return.
- Intraosseous insertion
- Two standard patients and four Simulated Clinical Experiences included
- Reactive eyes and blinking
- Secretions from the eyes, ears, and mouth.
MÜSE
The power of validated physiological modelling

With Müse, your patient simulator responds automatically and accurately to treatments and interventions so you can focus on your learners. You can choose to run scenarios, modify patient parameters as needed or operate the simulator on the fly. Enjoy the freedom and versatility to write and edit scenarios away from the simulation lab with four additional licenses for any Mac or PC.
Vīvo

Facilitator-driven software for full manual control of your simulations

An intuitive, mobile platform enabling the operation CAE Healthcare patient simulators without modeled physiology. Create the patient you need, and quickly capture treatments and interactions. Vīvo places you in the center of the simulation environment and connects you with your learner.

The Vīvo run screen is an icon-based patient monitor designed around ABCDE assessment. Touch a patient vital sign to change a pulse, add a sound or create a state, such as an obstructed airway. To change several patient parameters over time, create a pathway. Vīvo saves your patient states to save you time when starting the next scenario.

To find out more watch this video: http://www.vimeo.com/129557244
CAE Audio Visual Solutions

CAE Healthcare’s Audio Visual (AV) solutions, Replay and LearningSpace, capture audio and video as well as physiological data including event logs, trend charts, waveform displays and annotations. During a debriefing session, participants can view their actions and interactions with the benefit of rich patient data and an instructor’s play-by-play critique.

Both Replay and LearningSpace are web-based, scalable and accessible from anywhere. While Replay is a streamlined system for recording and debriefing, LearningSpace provides additional management tools, such as scheduling, reporting and learner assessment. The Resource Manager feature allows simulation center managers to track all of their assets, standardized patient hours and usage for realtime reporting.

CAE Healthcare’s audiovisual support team offers consultation and expertise from initial center design through full integration of an AV system. The development team is committed to continuous improvement of the end-user experience, and releases new features and updates several times each year.

Choose Your AVS Configuration:

One Room:

With video and audio capture built in, CAE Healthcare’s One box is rich in features for an accessible price

- Compact hardware server console
- Built-in display capture
- 1,000 hours of video storage
- Built-in digital audio kit
- High-fidelity simulator integration (any brand)
- Optical and digital point-tilt-zoom cameras
- Data and power for up to four IP cameras.

Multi-Room with Connect Server:

Our multi-room Connect solution links One boxes to create a unified, enterprise-grade system for your simulation center

- A single unified system for your simulation center
- Scalable from 2 to 200+ rooms
- Each Connect server connects up to 6 One boxes
- Stores 12,000 hours of video recording.

Ultraportable:

Record and review anywhere with this wireless battery-powered HD mobile system

- Compact rolling case
- Laptop with AVS software
- Two wireless HD cameras
- Six hours of continuous, wireless operation
- 200 hours of video storage
- Display capture for non-CAE simulators.
CAE LEARNINGSPACE INTUITY
A powerful center management solution reimagined to enhance efficiency and productivity

LearningSpace is CAE Healthcare’s comprehensive audiovisual and center management platform, designed to capture clinical and learning events for review, debrief and assessment. With the Intuity release, LearningSpace offers an enriched end user experience, easier integration with mobile devices and more flexibility for center managers.

CAPTURE AND REVIEW
- Digital SD or HD cameras provide superior video quality and pan-tilt-zoom options
- High-quality audio capture with dedicated, in-room microphone and digital
- Captures patient data and monitoring for integrated review
- Allows access of up to 25 room views on one screen
- Observe and annotate live recording in any room from any computer
- Advanced search capability of recording library.

MANAGE AND CONTROL
- Resource manager tracks inventory, standardized patient hours, equipment usage and more
- Secure data entry and user authentication ensures privacy
- Intelligent automated scheduling and comprehensive case management tools
- More than 25 exportable reports for faculty and learners
- Student workflow scheduling for multi-station assessment.

EVALUATE AND SCORE
- Integration with CAE Healthcare and other simulators
- Recorded events review with patient data for debrief
- Flexible scoring with weighting and bonus points
- Create custom evaluation instruments for learners, cases, SPs
- Evaluate learners or cases with advanced dynamic scoring reports.

CAE REPLAY
A room with an intelligent memory

Replay is CAE Healthcare’s streamlined solution for audiovisual capture and debrief. Replay’s always on recording system detects activity and captures real-time recordings and data in high-definition video. Replay is scalable from one room to multiple rooms.

Replay was designed with security in mind and protects the privacy of both patients and caregivers through HIPAA-compliant data encryption of all transferred and stored data, strong password management and advanced access monitoring measures.

Replay is uniquely suited to a fast-paced healthcare environment where standards and practices are rapidly evolving. The user-friendly system allows clinical teams to practice new safety protocols and gain instant feedback.

Replay is a software-driven solution to maximize flexibility. One complete package provides all the HD cameras and simplified hardware, cloud backups for all recordings, and expert installation, training and support. From small ultraportable solutions to hundreds of cameras all recording to your unified database, Replay has you covered.

FEATURES INCLUDE:
- Streamlined Recording and Debrief - looking back has never been so straightforward. Replay is easy to use and includes the features that matter the most for efficient debriefing
- Record video, audio, displays and data - all in HD - crystal-clear video and audio from bundled HD cameras and pro microphones
- No need to hit Record, ever - similar to a black box for aviation, replay is always on so you never miss a minute of action
- Search by anything - names, dates, room, physiological data, events and more
- Debrief anytime, anywhere - replay is available as a wireless ultraportable solution
- Scalable from 2 to 200 cameras - start small and grow big, or start big.
CAE SURGICAL SIMULATORS

LAP VR
The LapVR simulator realistically reproduces laparoscopic procedures with accurate haptic technology for practice of suturing, knot-tying and loop ligation as well as general surgery and Ob/Gyn procedures. With real patient training cases, LapVR offers ease-of-use for instructors and detailed performance metrics for evaluation.

ENDO VR
With realistic haptic technology, EndoVR allows learners to “get a feel” for both gastrointestinal and bronchial assessment. The system exposes learners to a wide range of anatomies and pathologies so they can quickly increase confidence and comfort. EndoVR supports three learning environments on one platform, including bronchoscopic, upper gastrointestinal tract (GI) and lower gastrointestinal tract (GI) procedures.

NEURO VR
With NeuroVR, both residents and surgeons can practice open cranial and endoscopic brain surgery skills and procedures in a validated training environment. NeuroVR simulates open neurosurgical procedures and captures objective metrics on technique, performance, and completion time.

CATHLAB VR
CathLabVR offers best-in-class and true-to-life tactile sensations of the forces encountered when manipulating wires, catheters, balloons and stents within a patient. Learners are able to practice accessing and navigating diverse anatomies with cardiac and vascular abnormalities.

ICCU
CAE Healthcare has developed the first blended training solution for ultrasonography of the thoracic, abdominal and pelvic cavities.

ICCU e-Learning offers more than 25 hours of didactic content on ultrasound assessment of the heart, lungs, as well as central and peripheral vessels. Additionally, hands-on seminars, a FOCUS reference guide and an online, collaborative community round out the solution with opportunities for continuing guidance and skills development.
SURGICAL CUT SUITS AND TRAUMA TRAINING MODELS

Developed by Hollywood special effects professionals and military veterans in collaboration with healthcare advisors, the Hyper-Realistic™ products are designed to prepare the military, law enforcement and clinicians for the acute stress and sensory challenges of responding to battlefield injuries or multi-casualty disasters.

SURGICAL CUT SUITS

The Surgical Cut Suit simulates the look, feel and smell of severe traumatic events, allowing medical providers to practice real procedures from point of injury and treatment en route to transition of care and surgical intervention. The Surgical Cut Suit has interchangeable organs for practice of haemorrhage control and suturing of gross organ structures. It provides training preparation for laparotomy, thoracotomy and thoracic and abdominal exploration.

EMERGENCY MEDICAL SERVICES / TACTICAL COMBAT CASUALTY CARE (EMS/TCCC) CUT SUIT

The EMS/TCCC Cut Suit was designed to prepare medical providers to treat the three most common causes of death on the battlefield: uncontrolled haemorrhaging, airway compromise and tension pneumothorax. To enhance realism, the EMS/TCCC Cut Suit has a more streamlined frame and is lighter in weight than the Surgical Cut Suit.

CUT SUIT FEATURES:

Common procedures include haemorrhage control by tourniquet, ligation/clamping and compression; surgical cricothyroidotomy; needle thoracentesis; chest tube thoracotomy; suturing and stapling of skin and peripheral IV access.

• User-customizable with interchangeable organs, wounds and wound patterns
• Can be worn by a human actor for live interaction or zipped around a manikin
• User-repairable for repeated procedures.

Blast Trousers, Blood Pumping System and 6-In-1 Trainer also available. Contact Mediquip for more details.
CAE Healthcare’s Vimedix ultrasound simulator provides an innovative training experience that can meet the specific needs and schedules of both instructors and trainees. The sophistication of the platform allows faculty to adjust the level of difficulty, while the user-friendly interface and virtual instructor provides the flexibility of self-directed learning. NEW intuitive instructional content menu with addition of basic probe movement exercises for all available probes.

Vimedix also has one of the largest libraries of pathologies developed in collaboration with clinical experts and reputed institutions. With metrics that have been validated in peer-reviewed scientific publications and an unparalleled learning experience, Vimedix is the ultrasound simulator of choice for your trainees.

**Vimedix Cardiac**
The Vimedix Cardiac ultrasound simulator is a comprehensive platform allowing trainees to learn how to perform and interpret echocardiography exams.

**Features include:**
- Learn to perform transthoracic echocardiography (TTE) and transesophageal echocardiography (TOE) without risking the safety of real patients
- With 3-D augmented reality, learn basic anatomy as well as the relationship between the transducer beam and the ultrasound image
- Use validated metrics to assess the performance of your trainees
- Learn on your own with a Virtual Instructor as well as integrated ICU e-learning modules with more than 15 hours of content
- Learn to assess and recognize pathologies you may not be able to see during clinical training.

**Vimedix Abdo**
The Vimedix Abdo ultrasound simulator teaches trainees to perform and interpret abdominal ultrasound exams.

**Features include:**
- Learn to perform abdominal ultrasound exams and FAST exams using a curvilinear ultrasound probe
- With 3-D augmented reality, learn basic anatomy as well as the relationship between the transducer beam and the ultrasound image
- Learn to assess and recognize more than 50 pathologies including 20 FAST (Focused Assessment with Sonography for Trauma) exam cases
- Lung and Pleural Add-on Module available – full animated lung respiration and respiratory variation in the IVC.
**VIMEDIX OB/GYN**

The Vimedix Ob/Gyn ultrasound simulator teaches trainees to perform and interpret ultrasound exams in the first and second trimesters of pregnancy.

**FEATURES INCLUDE:**

- Learn to perform both transabdominal and transvaginal ultrasound exams with a curvilinear and endovaginal probe respectively.
- With 3-D augmented reality, learn basic anatomy as well as the relationship between the transducer beam and the ultrasound image.
- High-resolution, real-time images of a foetus at 8, 12 and 20 weeks
- Learn on your own with a Virtual Instructor, and compare your obstetrics measurements and calculations to those performed by a clinical expert.

**VIMEDIX AR**

Vimedix contains a number of features and functionalities that facilitate the learning experience for sonographers and healthcare professionals.

This includes the unique augmented reality system which is a three dimensional representation of the anatomy that you’re seeing on an ultrasound exam. This is useful not only for structure identification but can be manipulated in three dimensions to help teach special orientation. This is especially important for transesophageal echocardiography, where understanding how manipulations and movements of the probe altering your image can be very challenging for students.

Unique to the Vimedix Augmented Reality system is the comprehensive inclusion of anatomy in addition to the heart. You can see lungs, bone, circulatory system and all of the other thoracic and abdominal organs that you need for a complete ultrasound exam.

The VimedixAR displays anatomy that you can enlarge, turn, rotate or command to return into its manikin body – all in real time. This ultrasound training simulator is the world’s first self-contained holographic computer, integrated with Microsoft Hololens.

Watch this video to find out more: [http://www.vimeo.com/201466785](http://www.vimeo.com/201466785)

**“The Vimedix Ultrasound Simulation System has been very useful for my medical imaging students to give them an understanding of thoracic and abdominal anatomy, in three dimensions, whilst learning to scan. Simulated pathologies in stealth mode teach them how to search for abnormalities in a patient. Bronwyn O’Hara has always been ready and available to assist at any time with simulator training and advice.”**

Chris Jansen, Senior Lecturer in Diagnostic Imaging, School of Medicine, Faculty of Health – Deakin University
BLUE PHANTOM ULTRASOUND TRAINING MODELS

Blue Phantom™ is the leader in ultrasound training models for more than 20 medical specialties. Blue Phantoms provide users with the highest quality training models for diagnostic imaging training and ultrasound-guided procedures. The broad portfolio of products includes central venous access, ob/gyn, regional anaesthesia, lumbar puncture and spinal epidural, scrotal, paracentesis, thoracentesis, and paediatric trainers. Constructed with patented SimulexUS™ tissue, the hands-on training models are highly durable and accurately replicate human tissue imaging characteristics.

GEN II ULTRASOUND CENTRAL LINE TRAINING MODEL

This ultra-durable ultrasound simulator incorporates all of the anatomy required to teach, learn and practice the skills associated with central line placement and was designed for both ultrasound guided and blind insertion procedural training. The self-healing tissue withstands repeated use, minimizing the need for replacement parts.

FEATURES INCLUDE:

- Superb image quality from real ultrasound machines
- Anatomically correct; constructed from a digital human file
- Simulated superior vena cava, right atrium and right ventricle offers users the ability to fully thread guidewires and catheters without resistance
- Also available with brachial plexus option for regional anaesthesia training

To learn more about the Central Line Training Model watch this Blue Phantom video: https://youtu.be/1cmadpbbO90

INTERNAL JUGULAR CENTRAL LINE TRAINING MODEL

The most durable and low-cost per use central line simulator available anywhere

- Extremely realistic anatomy; contains internal jugular vein, carotid artery suprasternal notch
- Users can simulate arterial pulsation manually via the included hand bulb.
FAST EXAM ULTRASOUND TRAINING MODEL

This extremely life-like training manikin interacts with real ultrasound systems for practice of the Focused Assessment with Sonography for Trauma (FAST) exam as well as Transthoracic Echocardiography (TTE) and pericardiocentesis procedures. The FAST model accurately mimics the imaging characteristics of human tissue, allowing users to encounter the imaging challenges found in human patients.

- Adjustable internal bleeding states around the liver, spleen, heart, and bladder simulate a wide range of pathological scenarios
- Fully imageable upper and lower torso contains the liver, gallbladder, kidneys, spleen, heart, pericardial fluid, lungs, ribs, bowel, bladder, stomach, and skeleton
- Users experience imaging challenges found in human patients, such as applying adequate transducer pressure to obtain images, bowel gas and intercostal access.
ABDOMINAL AORTIC ANEURYSM ULTRASOUND TRAINING MODEL
Blue Phantom’s abdominal aortic aneurysm ultrasound phantom training platform allows users to develop and practice ultrasound imaging skills such as using ultrasound system controls, transducer positioning and movement, the recognition of normal and pathological ultrasound imaging characteristics, and utilisation of the ultrasound system’s calculation modules. A hand bulb offers the user the ability to generate pulsatility within the arterial structures in the ultrasound training model as the aorta, iliac arteries, and renal arteries. The internal structures include the aorta with a fusiform abdominal aortic aneurysm with simulated thrombus, iliac arteries, renal arteries, inferior vena cava (IVC), haemoperitoneum, spine, bowel, liver segment and other miscellaneous structures.

MIDSCAPULAR THORACENTESIS ULTRASOUND TRAINING MODEL
This hands-on training model for ultrasound-guided thoracentesis procedures allows users to gain experience and confidence identifying and guiding needle and small gauge catheter insertions in patients with pleural effusions. The ultra-durable, self-healing tissue offers a long life, providing a low cost of ownership.
- Excellent imaging characteristics using any ultrasound imaging system
- Extremely realistic: model contains structures including the chest wall superficial tissue, 6th, 7th, 8th, and 9th ribs and intercostal spaces, pleural cavity with lung and atelectatic lung, diaphragm, and superior aspect of the spleen
- Users learn to avoid accessory structures such as the spleen, diaphragm and lung
- Positive fluid flow offers users immediate feedback when pleural effusion fluid is accurately accessed.

FEMORAL REGIONAL ANAESTHESIA & VASCULAR ACCESS
Blue Phantom’s femoral vascular access lower torso ultrasound guided central venous access training model allows users to develop and practice the skills necessary to gain proficiency in using ultrasound to guide needle and catheter insertions in the femoral artery and vein. Additionally, a DVT option allows users to learn to identify the presence of thrombus in the deep vessels. Available with hand pump, automated pump with vessels and nerves, hand pump with nerve and automated pump without nerve.
RENAL BIOPSY ULTRASOUND TRAINING MODEL

Excellent for gaining proficiency in ultrasound guided renal core biopsy or needle aspiration procedures

- Gain imaging and procedural proficiencies utilizing this extremely realistic training platform
- Images and feels like real human tissue.

SPINAL EPIDURAL AND LUMBAR PUNCTURE ULTRASOUND TRAINING MODEL

Extremely versatile: perform a wide variety of procedures including lumbar puncture, lumbar epidural, thoracic epidural and cervical epidural procedures

- Inject anaesthetics, introduce needles, thread catheters and obtain manometer measurements for comprehensive procedural training
- Superb for ultrasound training and blind insertion technique

SCIATIC LEG ULTRASOUND GUIDED REGIONAL ANAESTHESIA TRAINING MODEL

Blue Phantom’s sciatic leg ultrasound guided regional anaesthesia training phantom is excellent to train users to develop and practice the skills necessary to gain proficiency in using ultrasound for peripheral nerve block regional anaesthesia procedures of the sciatic nerve.
GEN II PICC WITH IV & ARTERIAL LINE VASCULAR ACCESS ARM

- Specifically designed to train ultrasound guided PICC placement, ultrasound guided IV placement and ultrasound guided arterial line placement
- Verify correct catheter placement with ultrasound or X-ray
- Made with ultra-durable SimulexUS™ tissue which is self-healing to prevent leaks and lasts over 1,000 needle cannulations
- Designed to match the acoustic properties of human tissue; will work with any ultrasound system
- Pulsating arteries via included hand-bulb
- 235mL bottle of RED and BLUE Ultrasound refill fluid
- Available with hand pump.

MUSCULOSKELETAL (MSK) ULTRASOUND TRAINING MODEL

Adoption of MSK ultrasound-guided knee injection has increased dramatically in recent years. Studies show that ultrasound-guided knee injections are 60% more effective than blind injections administered into the knee by a doctor. With the Blue Phantom MSK, gain competence in ultrasound guided joint injection of the knee before ever performing the procedure on a human patient. This model contains the distal femur, proximal tibia and fibula, patella, quadriceps tendon, femoral fat pad, quadriceps fat pad, bursa and the joint capsule. All of the anatomy allows for you to accurately practice the lateral mid-patellar approach for ultrasound guided knee injection.

TRANSVAGINAL ULTRASOUND TRAINING MODEL

The Blue Phantom transvaginal ultrasound training phantom offers users an excellent training platform for learning endovaginal ultrasound procedures using their own ultrasound system. Practice image acquisition, interpretation, and the psychomotor skills necessary to perform transvaginal ultrasound exams while learning to identify normal pelvic structures and pathologies.

- Accurately mimics the feel and imaging characteristics of an actual endovaginal ultrasound exam
- Train where you want, when you want without risks associated with using live patients
- Excellent for validating clinical competency
- Available pathologies include ectopic pregnancy, intrauterine pregnancy, combination intrauterine/ectopic pregnancy and general pathology
- Available with Combination Intrauterine and Ectopic Pregnancy, Intrauterine Pregnancy, General Pathology, or Ectopic Pregnancy.
SCROTAL ULTRASOUND TRAINING MODEL

- Mimics the feel and imaging characteristics of an actual scrotal exam
- Identify normal and pathological testicular and intrascrotal structures
- Gain proficiency in performing scrotal ultrasonography where you want, when you want without the risk and inconvenience of using live models.

BREAST BIOPSY ULTRASOUND TRAINING MODEL

The breast biopsy model allows users to develop the imaging and procedural skills needed to perform ultrasound-guided fine needle biopsy. The patented SimulexUS™ tissue is extremely durable for repeated practice of needle procedures. Developed for use with real ultrasound systems, the model images like a real tissue with exceptional image quality.

- Models self-seal and will not decompose or dehydrate over time
- Contains a variety of masses that are hyperechoic, hypoechoic, and echo lucent allowing users to gain experience utilizing a wide range of lesions
- 14 masses of varying sizes (4mm to 11mm) allow users to develop their skills starting with larger lesions and target smaller masses as their skills progress
- Masses present in both the central breast tissue as well as the Tail of Spence
- Fluid can be injected into the model to verify needle tip location (automatically expelled)
- Elastography Ultrasound Breast Exam trainer also available.

THYROID BIOPSY TRAINING MODEL

Our highly realistic ultrasound training model contains the thyroid, focal lesions suitable for fine needle biopsy, and pertinent surrounding anatomical structures. The anatomical structured contained within the thyroid ultrasound training model include: the left and right lobes of the thyroid gland as well as the isthmus, a multinodular goiter, multiple masses of varying sonographic appearances, trachea, esophagus, carotid arteries, and internal jugular veins. Multiple simple and complex masses with a variety of sonographic appearances are present in the model including: hypoechoic, echogenic, echolucent with an echogenic rim, and echogenic with a echolucent rim.
REGIONAL ANAESTHESIA ULTRASOUND TRAINING BLOCK MODEL
Dual purpose model for practicing ultrasound guided venous access and regional anaesthesia peripheral nerve block training.

BRANCHED FOUR VESSEL VASCULAR ACCESS ULTRASOUND TRAINING MODEL
Constructed using Blue Phantom’s durable and realistic Simulex™ tissue this model contains four vessels of various sizes at a variety of depths to use with any ultrasound machine.

BONE FRACTURE ULTRASOUND TRAINING BLOCK MODEL
Available in green stick or crepitus fracture configurations.
- Develop and practice the psycho-motor skills necessary to gain proficiency in using ultrasound
- Learn to identify bone fractures using ultrasound.

“**The anatomically correct Blue Phantoms help our students develop their hand-eye coordination skills for imaging and procedures without the added stress of a real patient to manage. Their easy care and robustness makes running multiple daily training sessions practical and cost-effective.**”

Gerri Beirne, Lecturer, PoC Ultrasound, CQ University
Mediquip is excited to have been appointed the exclusive distributor in Australia and New Zealand for the BT Training Models.

Representing high quality and excellent value for money the BT range includes:

**CPR EVALUATION SIMULATOR (BTI-CPEA)**
- Training and evaluating chest compressions and artificial ventilation required for standard adult CPR
- Detects whether the user has checked for responsiveness, pulse, and opened the airway
- Pupillary reflex and pulse beating is implemented automatically
- Spontaneous breathing is implemented automatically
- When pressing the chest, the depth and position of compressions are displayed in real time
- During artificial ventilation, the flow rate and volume are expressed numerically and ventilation volume is displayed as a graph
- AED and manual defibrillation is possible
- ECG waveforms including NSR, ventricular fibrillation-tach, Poly. Ventricular Tachycardia and Mono. Ventricular Tachycardia 120bpm are displayed
- CPR Guideline and points for evaluation can be set up by users
- The latest revision of guideline and evaluation standards can be set up by users
- Trainer can change the state of the manikin in real time
- Simultaneous practice and evaluation is possible by connecting multiple simulators to one laptop
- Evaluation is easier with wireless communication between the simulator and laptop
- You can save or print and analyse data after training has been completed
- You can use either battery or AC power source.

Watch BT’s online demo [https://www.youtube.com/watch?v=6K5-RuyTHAo](https://www.youtube.com/watch?v=6K5-RuyTHAo)

**CPR TRAINING SIMULATOR (BTI-CPTA)**
- Chest compression, Artificial ventilation
- Checking of carotid pulse, consciousness, airway
- AED Trainer Education
- Evaluation is easier by utilising wireless communication between simulator and laptop PC
- AED magnetic electrode pads can be using semi-permanently
- Realistic Sternum like a real human
- When carrying out compressions, compression depth, point rate and hold time are displayed in real time
- When ventilating, expiratory flow rate and ventilation volume are displayed
- When the airway is opened, the degree of head back is displayed (Hyperextension)
- AC power and Battery power modes are selected automatically.

Watch BT’s online demo [https://www.youtube.com/watch?v=gs52dJIGbo&t=65s](https://www.youtube.com/watch?v=gs52dJIGbo&t=65s)
BLOOD PRESSURE ASSESSMENT TRAINER II (BTI-CEAB 2)

- Choose Auscultation / Palpation / Auscultation + Palpation
- Easy self-practice (Various tasks are programmed)
- Systolic BP / Diastolic BP / Pulse Rate / Cuff installation / Palpation of Brachial Artery / Auscultatory gap / Proper Compression / Normal Decompression Rate / Time
- Systolic, Diastolic BP and Pulse rates can be set
- Auscultatory gap can be set (On/Off)
- Real-time display of cuff pressure change
- Real-time display of decompression rate
- Palpation of pulse is possible at the radial and brachial artery
- Auscultation Korotkoff’s sound of brachial artery with stethoscope
- Skin of arms are made of a soft material that feels like real human skin
- Touch screen type Tablet PC
- User can select Battery or AC power.

INTRAVENOUS INJECTIONS TRAINING ARM II (BTI-CSIV2I)

- Arm model and Skin pad is similar to Real Human Arm
- Designed for Intravenous injection and Vascular access training
- Practice Basilic vein, Cephalic vein, Median cubital vein and Metacarpal veins
- Actual resistance feel on the skin and Venous wall
- Skin pad is composed of Epidermis / Subcutaneous fat / Vein
- Easy installation and replacement of skin pad
- All-in-one Skin and Vein
- Just insert skin pad into the groove of the arm model
- User can select AC power or Battery mode
- One-touch connection of the tube.

INTRAMUSCULAR INJECTION TRAINING BUTTOCKS (BTI-CSIM1)

- Feel is similar to real human skin
- The buttocks model is composed of epidermis layer, muscular layer and skeletal frame
- The skin is made of soft silicon that leaves no needle marks
- Designed for Ventrogluteal and dorsogluteal site injection practice
- Both sides of the buttocks can be used for practice
- Drug injection and Automated drain
- Mechanical pump drains the injected liquid automatically
- Self-training and Evaluation modes available
- Location and depth of injection are detected and displayed
- Animated video and Guidelines for injection procedures are supplied
- The evaluation results are stored with Graphic database
- Touch screen type user interface with tablet PC
- Automated on-line connection with Bluetooth interface
- User can select AC 110V/220V 60/50Hz power or Battery power
- The efficacy of training can be maximized by graphic animations with anatomical representation.
AIRWAY ASSESSMENT TRAINING MODEL (BT-CSIE)
- Simulator features a lifelike appearance and skin with realistic tactile feeling
- Training Head-tilt/Jaw thrust manoeuvre/Sniffing position
- Ventilation with a Bag-Valve-Mask
- Oropharyngeal airway and Nasal Airway available
- ET-Tube, LMA/i-gel, Combi-Tube and Laryngoscope training
- Chest rising during ventilation is observable to check correct intubation through auscultation
- An alarm alerts for dental injuries due to an immoderate use of a laryngoscope
- Head-tilt/Jaw thrust manoeuvre/Sniffing position are indicated
- Depth of a tube indicated when using an ET-tube (Normal/Intubated to the right bronchus)
- Oesophageal Intubation indicated when using an ET-tube
- Detailed data regarding respiration such as respiration rate, volume and expiration time, respiratory rate/min indicated
- Gastric inflation indicated
- Display device based on a touchscreen method
- Training history can be logged through auto checklist and manual checklist
- Evaluation list can be amended, excluded or deleted
- The result date can be saved
- Bluetooth-enabled device so easy to install and move
- User can select AC 110V/220V 60/50Hz power or Battery power.

Watch BT’s online demo [https://www.youtube.com/watch?v=gsS2dIKIgbo&t=65s](https://www.youtube.com/watch?v=gsS2dIKIgbo&t=65s)

---

SUBCUTANEOUS INJECTION MODEL (BTI-CSIC)
- Feel is similar to real human skin
- The skin is made of soft silicon that leaves no needle marks
- Easy installation and handling
- Easy cleaning.

---

INTRADERMAL INJECTION MODEL (BTI-CSID)
- Feel is similar to real human skin
- The skin is made of soft silicon that leaves no needle marks
- Practice diagnostic examination / dermo reaction test of medicine / vaccination are possible
- Realistic practice is possible through wearing it to mock patient
- Easy installation and division.

---

CPR TRAINING MODEL (BT-SEEM)
- Incomplete relaxation Check
- Chest Compression, Airway, Ventilation skill practice
- Total number of chest compression and accuracy displayed
- Instant Compression depth displayed
- Chest Compression depth and rate checking available with LED lamp
- Sound (On/Off) alert on correct compression depths
- Chest-rise during proper artificial respiration
- Semi-permanent AED electrode pads provided for training
- Face-skin and lung self-replacing (Hygienic method)
- Storage bag can convert into training mattress
- Both Battery and AC adapter all available.

Watch BT’s online demo [https://www.youtube.com/watch?v=jKMe1Lshm8](https://www.youtube.com/watch?v=jKMe1Lshm8)
MALE CATHETERISATION TRAINING MODEL
- Realistic resistance during insertion of urinary catheter
- Attachable preputium
- External genitals separable from buttocks
- For practice of indwelling and nelaton catheterisation
- Prevent artificial urinary from leaking with non-return valve.

Watch BT's online demo [https://www.youtube.com/watch?v=tT9CxvKpvXE](https://www.youtube.com/watch?v=tT9CxvKpvXE)

FEMALE CATHETERISATION TRAINING MODEL
- Realistic resistance during insertion of urinary catheter
- Dorsal Recumbent Position general position for catheterisation
- Detachable extension legs
- External genitals separable from buttocks
- Alarm when catheter is inserted to vagina
- For practice of indwelling and nelation catheterisation
- Prevent artificial urinary from leaking with non-return valve.

Watch BT's online demo [https://www.youtube.com/watch?v=8soqLeg5T-U](https://www.youtube.com/watch?v=8soqLeg5T-U)

ENEMA TRAINING MODEL
- Realistic resistance during insertion of rectal tube
- Sim’s position general position for enema
- For practice with Glycerin and artificial faeces (insertion/removal)
- Prevent liquid from leaking with non-return valve.

Watch BT's online demo [https://www.youtube.com/watch?v=YUXbXhncUNQ](https://www.youtube.com/watch?v=YUXbXhncUNQ)

TUBE FEEDING, TRACHEOSTOMY, SUCTION TRAINING MODEL
- Anatomically correct structures for tube feeding, tracheostomy care and suction training
- Oral/nasal feeding tube insertion
- Checking tube placement by auscultation
- Checking tube placement through transparent window
- Practicing with a real liquid food
- Positioning with a stand by adjusting the angle (0°, 21~45°, 90°)
- PEG care
TELLYES TASK TRAINERS

ALL-PURPOSE IV TRAINING ARM
Practice intramuscular injection, venipuncture, sampling and transfusion and intradermal injections.

ITEM NO: TELNUS0300011ADC

IV TRAINING ARM
Several veins to be injected, as well as intramuscular injection in deltoid.

ITEM NO: TELNUS0300010ADC

SUCTION TRAINING MODEL
Practice of suctioning via nasal/oral passage and tracheal cannula access. Demonstration of correct suction procedure by opening left side of face, internal structure can be revealed and position of inserted tube can be confirmed.

ITEM NO: TELNUS0300037ADC

VENIPUNCTURE PAD
An ideal venipuncture training aid. Trainees can wear the pad to practice venipuncture skills.

ITEM NO: TELNUS0300012ADC

CHEST TUBE MANIKIN
This simulator is designed to demonstrate and teach the theory, anatomy and skills needed for pneumothorax centesis, thoracic closed drainage, and ongoing chest drainage tube management.

ITEM NO: TELUSJ0300014ADC

MULTI-PURPOSE CLINICAL PUNCTURE SIMULATOR
Elaborately designed with the most powerful functions for demonstrating and practicing nearly all the routine clinical centesis for diagnosis as well as treatment. We highly recommend it to trainees at different levels.

ITEM NO: TELSUI0300029BDC

COMBINED NEONATE CARE SIMULATOR
Practice techniques of neonate care on this simulator.

ITEM NO: TELPES0300003ADC

MATERNITY MODEL
This life-sized model is carefully designed for training of Leopold’s Maneuver, monitoring of fetus heartbeat, and breast care.

ITEM NO: TELOBIO300006ADC
WALLCUR PRACTICE PRODUCTS FOR CLINICAL SIMULATION

Wallcur’s Practi-Products™ guarantee the highest quality, most true-to-life realistic designs for the best hands-on medical training. As the originator of practice medication for simulation, these products allow instructors to create a safe and authentic training experience that is easily integrated into any new or existing curriculum. Wallcur work with a team of experts in the healthcare industry to provide our customers with the most relevant and current simulation training products and delivery systems on the market.

PRACTI-PRODUCTS® ARE FOR TRAINING PURPOSES ONLY. NOT FOR HUMAN OR ANIMAL USE. THE NAME AND CONTENT OF PRACTI-PRODUCTS IS SUBJECT TO CHANGE.

PRACTI-BACTERIOSTATIC WATER
Simulates a diluent that can be used for reconstitution training.
ITEM NO: 1523BW

PRACTI-BIO PATCH
Simulates the wound care Bio Patch protective disc.
ITEM NO: 900BP

PRACTI-BLOOD BAGS
Simulates blood bag of red blood cells.
ITEM NO: 2518B (450ml bag)

PRACTI-GLUCAGON KIT
Simulates glucagon powder and diluting solution.
ITEM NO: 710GN

PRACTI-INTRANASAL NALOXONE TRAINING PACK
Simulates the opioid antagonist drug, Naloxone.
ITEM NO: 1517NA

PRACTI-NITROGLYCERIN OINTMENT
Simulates nitroglycerin ointment.
ITEM NO: 1203NG

PRACTI-OPHTHALMIC OINTMENT
Simulates ophthalmic ointment.
ITEM NO: 1204ET

PRACTI-SIMULATED BLOOD
ITEM NO: 250SB (100ml bottle)

PRACTI-SUTURE/STAPLE REMOVAL PAD
(2x2” - 4 staples + 4 sutures)
ITEM NO: 525SP

PRACTI-TPN BAG WITH LIPIDS
ITEM NO: 253LP (1000ml bag)

PRACTI-TPN BAG WITH VITAMINS
ITEM NO: 252VT (1000ml bag)

PRACTI-SUPPOSITORIES
ITEM NO: 1205GS (1 jar of 15)
PRACTI-POWDER AND PRACTI-VIALS™

Provide students an integrated experience while learning the concepts and skills of label-reading, vial opening, and sterile vial handling. Our Practi-Powders® and Practi-Vials™ can be used alone, used together for reconstitution practice, or with our drug specific Practi-Peel-N-Stick Labels™

TEACHES:
- Adding and mixing diluent, aspiration, and needle withdrawal
- Air replacement technique and vial pressure changes
- Calculating and measuring multiple drug dosages
- Sterile vial opening and handling
- Reconstituting powdered drugs
- Skills for reading medication labels.

PRACTI-MINI POWDER™
Simulates a white antibiotic powder in a 2mL clear vial. Contents: fructose
ITEM NO: 417MP (Box of 40)

PRACTI-POWDER YELLOW®
Simulates a yellow antibiotic powder in a 10mL clear vial. Contents: fructose, tartrazine
ITEM NO: 402PP (Box of 30)

PRACTI-POWDER WHITE 10 ML™
Simulates a white antibiotic powder in a 10mL clear vial. Contents: fructose
ITEM NO: 427PW (Box of 30)

PRACTI-POWDER WHITE™
Simulates a white antibiotic powder in a 20mL clear vial. Contents: fructose
ITEM NO: 469PL

PRACTI-100ML VIAL
Contains 100mL of distilled water in a clear vial.
ITEM NO: 467PV

PRACTI-1 ML MINI VIAL™
Contains 1mL of distilled water in a clear vial.
ITEM NO: 418MV (Box of 40)

PRACTI-2 ML MINI VIAL™
Contains 2mL of distilled water in a clear vial.
ITEM NO: 404MV (Box of 40)

PRACTI-2 ML MINI TINT VIAL™
Contains 2mL of distilled water in a tinted vial.
ITEM NO: 415TV (Box of 40)

PRACTI-3 ML MINI TINT VIAL™
Contains 3mL of distilled water in a tinted vial.
ITEM NO: 419MT (Box of 40)

PRACTI-5 ML VIAL™
Contains 5mL of distilled water in a clear vial.
ITEM NO: 420PV (Box of 40)

PRACTI-5 ML TINT VIAL™
Contains 5mL of distilled water in a tinted vial.
ITEM NO: 421TV (Box of 40)

PRACTI-5 ML VIAL™
Contains 10mL of distilled water in a clear vial.
ITEM NO: 403PV (Box of 30)

PRACTI-5 ML TINT VIAL™
Contains 10mL of distilled water in a tinted vial.
ITEM NO: 422TV (Box of 30)

PRACTI-10 ML VIAL™
Contains 20mL of distilled water in a clear vial.
ITEM NO: 423PV (Box of 30)

PRACTI-30 ML VIAL™
Contains 30mL of distilled water in a clear vial.
ITEM NO: 424PV (Box of 30)
PRACTI-PEEL-N-STICK VIAL LABELS™

The Wallcur® family of Practi-Peel-N-Stick Labels provides a comprehensive choice of many commonly administered medications. Each label is drug specific and provides a key practice for math calculation, vial handling, and syringe measurement. Perfect for testing skill-based competencies and improving critical thinking.

PRACTI-ADENOSINE™
Simulates 6mg/2mL of adenosine (Adenocard®). Recommended use with Practi-Product: #404MV Practi-2mL Mini Vial.
ITEM NO: 9920ADN (Box of 100)

PRACTI-AMINOPHYLLINE™
Simulates 250mg/10mL of aminophylline. Recommended use with product 403PV Practi-10mL Vial.
ITEM NO: 9929AMP (Box of 100)

PRACTI-AMIODARONE HCL™
Simulates 150mg/3mL of amiodarone hydrochloride (Cordare®). Recommended for use with Practi-Product: #419MT Practi-3mL Mini Tint Vial.
ITEM NO: 9931AMR (Box of 100)

PRACTI-BENDRYL™
Simulates 50mg/m of diphenhydramine (Benadryl®). Recommended for use with Practi-Product: 418MV Practi-1mL Mini Vial.
ITEM NO: 9942BND (Box of 100)

PRACTI-CEFAZOLIN™
Simulates 1g of cefazolin (Ancef®). Recommended for use with Practi-Product: #427PW Practi-Powder White.
ITEM NO: 9950ANF (Box of 100)

PRACTI-CEFTRIAXONE™
Simulates 500mg of ceftriaxoe (Rocephin®). Recommended for use with Practi-Product: #427PW Practi-Powder White.
ITEM NO: 9945CFX (Box of 100)

PRACTI-CEFTRIAXONE™
Simulates 250mg of ceftriaxon (Rocephin®). Recommended for use with Practi-Product: #427PW Practi-Powder White.
ITEM NO: 9946CFR (Set of 100)

PRACTI-CEFTRIAXONE™
Simulates 1g of ceftriaxoe (Rocephin®). Recommended use with 427PW Practi-Powder White.
ITEM NO: 9947CTX (Set of 100)

PRACTI-DEXAMETHASONE™
Simulates 10mg/mL of dexamethasone. Recommended use with Practi-Product: 415TV Practi-2mL Mini Vial.
ITEM NO: 9925DXM (Set of 100)

PRACTI-FUROSEMIDE™
Simulates 40 mg/4mL of furosemide (Lasix®). Recommended for use with Practi-Product: #421TV Practi-5mL Tint Vial.
ITEM NO: 9933FUR (Set of 100)

PRACTI-HEPARIN 1,000™
Simulates 1,000 units/mL of heparin sodium. Recommended for use with Practi-Product: 404MV Practi-2 mL Mini Vial.
ITEM NO: 9913HMOV (Set of 100)

PRACTI-HEPARIN LOCK FLUSH 100™
Simulates 100 units/mL of heparin lock flush. Recommended for use with Practi-Product: 403PV Practi-10 L Vial.
ITEM NO: 9100HEP (Set of 100)

PRACTI-HEPARIN LOCK FLUSH 10™
Simulates 10 units/mL of heparin lock flush.
ITEM NO: 9914HLK (Set of 100)

PRACTI-DOPAMINE HCL™
Simulates 400mg/10mL of dopamine hydrochloride. Recommended for use with Practi-Product: #403PV Practi-10mL Vial.
ITEM NO: 9919DPM (Set of 100)

PRACTI-DOPAMINE HCL™
Simulates 400mg/5mL of dopamine hydrochloride. Recommended for use with Practi-Product: #420PV Practi-5mL Vial
ITEM NO: 9940DPN (Set of 100)

PRACTI-FLUMAZENIL™
Simulates 1mg/10mL of flumazenil (Romazicon®). Recommended for use with Practi-Product: #403PV Practi-10mL Vial
ITEM NO: 9928FLZ (Set of 100)

PRACTI-FUROSEMIDE™
Simulates 40 mg/4mL of furosemide (Lasix®). Recommended for use with Practi-Product: #421TV Practi-5mL Tint Vial
ITEM NO: 9933FUR (Set of 100)

PRACTI-HEPARIN 1,000™
Simulates 1,000 units/mL of heparin sodium. Recommended for use with Practi-Product: 404MV Practi-2 mL Mini Vial.
ITEM NO: 9913HMOV (Set of 100)

PRACTI-HEPARIN LOCK FLUSH 100™
Simulates 100 units/mL of heparin lock flush. Recommended for use with Practi-Product: 403PV Practi-10 L Vial.
ITEM NO: 9100HEP (Set of 100)

PRACTI-HEPARIN LOCK FLUSH 10™
Simulates 10 units/mL of heparin lock flush.
ITEM NO: 9914HLK (Set of 100)

PRACTI-DEXAMETHASONE SODIUM PHOSPHATE™
Simulates 20mg/5mL of dexamethasone sodium phosphate. Recommended for use with product 421TV Practi-5mL Tint Vial.
ITEM NO: 9932DEX (Set of 100)

PRACTI-DOPAMINE HCL™
Simulates 400mg/5mL of dopamine hydrochloride. Recommended for use with Practi-Product: #420PV Practi-5mL Vial
ITEM NO: 9940DPN (Set of 100)

PRACTI-FLUMAZENIL™
Simulates 1mg/10mL of flumazenil (Romazicon®). Recommended for use with Practi-Product: #403PV Practi-10mL Vial
ITEM NO: 9928FLZ (Set of 100)

WALLCUR PRACTICE PRODUCTS
PRACTI-LASX™
Simulates 20mg/2mL of Lasix® (furosemide). Recommended for use with Practi-Product: #415TV Practi-2mL Mini Tint Vial.
ITEM NO: 9923LSX (Set of 100)

PRACTI-MIDAZOLAM HCL™
Simulates 10mg/10mL of midazolam (Versed®). Recommended for use with product: 422TV Practi-10mL Tint Vial.
ITEM NO: 9936MDZ (Set of 100)

PRACTI-NITROGLYCERIN™
Simulates 50 mg/10mL of nitroglycerin. Use with product: #422TV Practi-10mL Tint Vial.
ITEM NO: 9935NTR (Set of 100)

PRACTI-NUBANE™
Simulates 200mg/10mL of nalbuphine hydrochloride (Nubain®). Recommended for use with product: #403PV Practi-10mL Vial.
ITEM NO: 9930NBN (Set of 100)

PRACTI-PHENYLEPHRINE™
Simulates 10mg/mL of phenylephrine. Use with product: #418MV Practi-1mL Mini Vial.
ITEM NO: 9941PHN (Set of 100)

PRACTI-PROCAINAMIDE HCL™
Simulates 1g/10mL of procainamide hydrochloride. Recommended for use with Practi-Product: #403PV Practi-10mL Vial.
ITEM NO: 9927PCN (Set of 100)

PRACTI-REGLIN™
Simulates 10mg/2mL of metoclopramide (Reglan®). Recommended for use with Practi-Product: 404MV Practi-2mL Mini Vial.
ITEM NO: 9922RGL (Set of 100)

PRACTI-MORPHINE
Simulates 10mg/mL of morphine sulfate. Use with product: #418MV Practi-1mL Mini Vial.
ITEM NO: 9938MRP (Set of 100)

PRACTI-PROCAINAMIDE HCL™
Simulates 1g/10mL of procainamide hydrochloride. Recommended for use with Practi-Product: #403PV Practi-10mL Vial.
ITEM NO: 9927PCN (Set of 100)

PRACTI-THIAMINE HCL™
Simulates 200mg/2mL of thiamine hydrochloride. Recommended for use with Practi-Product: 415TV Practi-2mL Mini Tint Vial.
ITEM NO: 9934THN (Set of 100)

PRACTI-VALUM™
Simulates 500mg of vancomycin (Vancocin®). Recommended for use with Practi-Product: #427PW Practi-Powder White
ITEM NO: 9948VCM (Set of 100)

PRACTI-ANTIBIOTIC LABELS™
Simulates six of the most commonly seen antibiotics: azithromycin (Zithromax®), cefazolin (Ancef®), vancomycin (Vancocin®) and ceftriaxone (Rocephin®) 250mg, 500mg, and 1g. Recommended for use with Practi-Product: #427PW Practi-Powder White
ITEM NO: 9901RL (Set of 100)
PRACTI-INSULIN VIALS™

Our Practi-Insulin Vials were created to make pre-clinical practice of combined insulin dosages available for a safe and realistic laboratory training experience. Each Practi-Insulin provides a comprehensive learning experience for students requiring the basic skills of reading labels, combining insulin, and calculating dosages.

TEACHES:
- Identification and understanding of currently used insulins
- Use of the U-100 syringe for air replacement and insulin withdrawal
- Measurement and administration of the most commonly used insulins insulin with regular insulins
- Combined dosage preparation
- Mixing of NPH and other medium to long-acting

PRACTI-NPH INSULIN™
Simulates NPH insulin in a 10mL clear vial.
Contents: distilled water, barium sulfate
ITEM NO: 940SNPH (Box of 40)

PRACTI-REGULAR INSULIN™
Simulates regular insulin in a 10mL clear vial.
Contents: distilled water
ITEM NO: 940SREG (Box of 40)

PRACTI-75/25 & REGULAR PACK™
PACK CONTAINS:
- 20 Practi-75/25™ insulin vials
- 20 Practi-Regular™ insulin vials
Contents: distilled water, barium sulfate
ITEM NO: 47525 (Box of 40)

PRACTI-70/30 & LANTUZ PACK™
PACK CONTAINS:
- 20 Practi-70/30™ insulin vials
- 20 Practi-Lantuz™ insulin vials
Contents: distilled water, barium sulfate
ITEM NO: 47030 (Box of 40)

PRACTI-HUMLN INSULIN PACK™
PACK CONTAINS:
- 20 Practi-Humln R™ insulin vials
- 20 Practi-Humln N™ insulin vials
Contents: distilled water, barium sulfate
ITEM NO: 409HM (Box of 40)

PRACTI-INSULIN TRAINING PACK™
PACK CONTAINS:
- 20 Practi-NPH™ insulin vials
- 20 Practi-Regular™ insulin vials
Contents: distilled water, barium sulfate
ITEM NO: 405TP (Box of 40)

PRACTI-INSULIN STARTER PACK™
Pack contains 40 vials and 12 labels:
- 16 Practi-Regular vials
- 4 Practi-Humln N vials
- 4 Practi-75/25 vials
- 4 Practi-Humln R vials
- 4 Practi-Levemlg labels
- 4 Practi-NPH vials
- 4 Practi-Lantuz vials
- 4 Practi-Levemr labels
- 4 Practi-Novlog labels
ITEM NO: SP-419

PRACTI-INSULIN VARIETY PACK™
PACK CONTAINS:
- 10 Practi-NPH insulin vials
- 10 Practi-70/30 insulin vials
- 10 Practi-Regular insulin vials
- 10 Practi-Lantuz insulin vials
Contents: distilled water, barium sulfate
ITEM NO: 408VP (Box of 40)

PRACTI-VIALS™ (DRUG SPECIFIC):

PRACTI-DANTROLENE™
Simulates 20mg of dantrolene powder in a 100mL vial. Contents: fructose
ITEM NO: 425DP (Box of 20)

PRACTI-VECURONIUM BROMIDE™
Simulates 10mg of vecuronium bromide powder in a 10mL clear vial.
Contents: fructose
ITEM NO: 436VB (Box of 30)
<table>
<thead>
<tr>
<th>Product Name</th>
<th>Description</th>
<th>Contents</th>
<th>Item No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRACTI-AMDATE™</td>
<td>Simulates 40mg of Amidate® (etomidate) in a 20mL clear vial. Contents: distilled water</td>
<td>Item No: 434AM (Box of 30)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-BUMETANIDE™</td>
<td>Simulates bumetanide in a 4mL tinted vial. Contents: distilled water</td>
<td>Item No: 472BX</td>
<td></td>
</tr>
<tr>
<td>PRACTI-CALCIUM CHLORIDE™</td>
<td>Simulates 10% of calcium chloride in a 10mL clear vial. Contents: sterile water</td>
<td>Item No: 441CC (Box of 30)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-CALCIUM GLUCONATE™</td>
<td>Simulates 10% calcium gluconate in a 10mL clear vial. Contents: distilled water</td>
<td>Item No: 442CG (Box of 30)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-DANTROLENE RED™</td>
<td>Yellow powder simulation in a 100mL vial.</td>
<td>Item No: 464DR</td>
<td></td>
</tr>
<tr>
<td>PRACTI-DIAZEPAM™</td>
<td>Simulates 5mg of diazepam (Valium®) in a 10mL tinted vial. Contents: distilled water</td>
<td>Item No: 435DZ (Box of 30)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-DILTIAZEM™</td>
<td>Simulates diltiazem in a 5mL clear vial. Contents: distilled water</td>
<td>Item No: 474DZ</td>
<td></td>
</tr>
<tr>
<td>PRACTI-DIPHENHYDRAMINE™</td>
<td>Simulates 50mg of diphenhydramine (Benadryl®) in a 1mL clear vial. Contents: distilled water</td>
<td>Item No: 439DH (Box of 40)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-ERGONOVINE™</td>
<td>Simulates 0.2mg of ergonovine in a 1mL clear vial. Contents: distilled water</td>
<td>Item No: 457EG (Box of 40)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-FUROSEMIDE™</td>
<td>Simulates 100mg of furosemide (Lasix®) in a 10mL tinted vial. Contents: distilled water</td>
<td>Item No: 449FM (Box of 30)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-MVI ADULT DUAL PACK™</td>
<td>Simulates multivitamin vials 1 and 2 in 5mL vials. Contents: distilled water</td>
<td>Item No: 440PM (Box of 40)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-NALOXONE HCL™</td>
<td>Simulates 0.4mg of naloxone HCL (Narcan®) in a 1mL clear vial. Contents: distilled water</td>
<td>Item No: 438NX (Box of 40)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-ONDANSETRON™</td>
<td>Simulates 4mg of ondansetron (Zofran®) in a 2mL clear vial. Contents: distilled water</td>
<td>Item No: 4532F (Box of 40)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-OXYTOCIN™</td>
<td>Simulates 10 units of oxytocin (Pitocin®) in a 1mL clear vial. Contents: distilled water</td>
<td>Item No: 456TC (Box of 40)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-POTASSIUM CHLORIDE™</td>
<td>Simulates 20mg of potassium chloride in a 10mL clear vial. Contents: distilled water</td>
<td>Item No: 443PC (Box of 30)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-HALOPERIDOL™</td>
<td>Simulates haloperidol in a 1mL clear vial. Contents: distilled water</td>
<td>Item No: 471HL</td>
<td></td>
</tr>
<tr>
<td>PRACTI-HEPARIN™</td>
<td>Simulates 10,000 units/mL of heparin in a 5mL vial. Contents: distilled water</td>
<td>Item No: 426HP (Box of 40)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-HEPARIN™</td>
<td>Simulates 1,000 units/mL of heparin in a 10mL clear vial. Contents: distilled water</td>
<td>Item No: 416HP (Box of 40)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-HEPARIN TRAINING PACK™</td>
<td>PACK CONTAINS:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 20 Practi-Heparin 10,000 units/mL vials (10mL)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 20 Practi-Heparin 1,000 units/mL vials (5mL)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Contents: sodium chloride</td>
<td>Item No: 406HP (Box of 40)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-HEPATITIS B VACCINE™</td>
<td>Simulates 10mcg of Hepatitis B vaccine in a 1mL clear vial. Contents: distilled water</td>
<td>Item No: 459HB (Box of 40)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-HYDROMORPHONE™</td>
<td>Simulates 2mg of hydromorphone (Dilaudid®) in a 1mL clear vial. Contents: distilled water</td>
<td>Item No: 450HM (Box of 40)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-METOCLOPRAMIDE™</td>
<td>Simulates 10mg of metoclopramide (Reglan®) in a 2mL clear vial. Contents: distilled water</td>
<td>Item No: 458MP (Box of 40)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-METOPROLOL TARTRATE™</td>
<td>Simulates 10mg of metoprolol tartrate (Lopressor®) in a 10mL clear vial. Contents: sterile water</td>
<td>Item No: 446MP (Box of 30)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-MIDAZOLAM™</td>
<td>Simulates 10mg of midazolam in a 2mL tinted vial. Contents: distilled water</td>
<td>Item No: 433MD (Box of 40)</td>
<td></td>
</tr>
<tr>
<td>PRACTI-MORPHINE SULFATE™</td>
<td>Simulates 4mg of morphine sulfate in a 2mL tinted vial. Contents: distilled water</td>
<td>Item No: 447MSG (Box of 40)</td>
<td></td>
</tr>
</tbody>
</table>
PRACTI-NOREPINEPHRINE™
Simulates norepinephrine in a 4ml tinted vial. Contents: distilled water
**ITEM NO:** 475NE

PRACTI-PROMETHAZINE HCL™
Simulates 50mg of promethazine HCl (Phenergan®) in a 2ml tinted vial. Contents: distilled water
**ITEM NO:** 454PZ (Box of 40)

PRACTI-SODIUM PHOSPHATES™
Simulates sodium phosphates (15mM of phosphorus and 20mEq of sodium) in a 5ml clear vial. Contents: distilled water
**ITEM NO:** 444SP (Box of 40)

PRACTI-SUCCINYLCHOLINE™
Simulates 200mg of succinylcholine (Quelicin®) in a 10ml clear vial. Contents: sterile water
**ITEM NO:** 437SC (Box of 30)

PRACTI-TUBERCULIN PPD™
Simulates 5 TU/0.1mL of tuberculin purified protein derivative (PPD) in a 1mL clear vial. Contents: distilled water
**ITEM NO:** 407TU (Box of 40)

PRACTI-SODIUM CHLORIDE 0.9%™
Simulates sodium chloride in a 10mL clear vial. Contents: distilled water
**ITEM NO:** 478SC

PRACTI-SODIUM CHLORIDE 0.9%™
Simulates sodium chloride in a 2mL clear vial. Contents: distilled water
**ITEM NO:** 476SC

PRACTI-ZIPRASIDONE™
Simulates ziprasidone powder in a 2mL clear vial. Contents: fructose.
**ITEM NO:** 473ZP

PRACTI-MMR™
Simulates measles, mumps and rubella vaccine – powder and diluent vials.
**ITEM NO:** 461MMR

PRACTI-PROPOFOL™
Simulates a short acting anaesthetic in a 100mL clear vial. Contents: distilled water
**ITEM NO:** 462PF

PRACTI-KETAMINE™
Simulates ketamine in a 10mL clear vial. Contents: distilled water
**ITEM NO:** 465KM

PRACTI-BUPIVACAINE™
Simulates bupivacaine in a 50mL clear vial. Contents: distilled water
**ITEM NO:** 468PV

PRACTI-LORAZEPAM™
Simulates lorazepam in a 1mL clear vial. Contents: distilled water
**ITEM NO:** 466LP

PRACTI-AMPOULES™
Snap, break, calculate, and aspirate ... a clean, safe break every time! Wallcur’s Practi-Ampules provide a comprehensive practice for safe ampule opening and aspirating. Each Practi-Amp™ is chemically scored to provide a clean, safe, and accurate break. A perfect practice for manikins and other injection aids such as the Practi-Injectapad™.

PRACTI-1 ML MINI AMP™
Contains 1mL of distilled water in a clear ampule.
**ITEM NO:** 412MA (Box of 100)

PRACTI-1 ML MINI TINT AMP™
Contains 1mL of distilled water in a tinted ampule.
**ITEM NO:** 413MT (Box of 100)

PRACTI-2 ML AMP™
Contains 2mL of distilled water in a clear ampule.
**ITEM NO:** 401PA (Box of 100)

PRACTI-3 ML AMP™
Contains 3mL of distilled water in a clear ampule.
**ITEM NO:** 430PA (Box of 100)

PRACTI-5 ML AMP™
Contains 5mL of distilled water in a clear ampule.
**ITEM NO:** 431PA (Box of 100)

PRACTI-IO ML AMP™
Contains 10mL of sterile water in a clear ampule.
**ITEM NO:** 432PA (Box of 100)

PRACTI-ADRENALINE
1mL/1mL (1:1000) 1mL amp clear.
**ITEM NO:** 49451ADR (Box of 100)

PRACTI-MIDAZOLAM
5mg/1mL, 1mL amp tint.
**ITEM NO:** 49452MZM (Box of 100)

PRACTI-MORPHINE
5mg/1mL, 1mL amp tint.
**ITEM NO:** 49453MPN (Box of 100)

PRACTI-NARCAN
400mCG/1mL, 1mL amp tint.
**ITEM NO:** 49454NCN (Box of 100)
**PRACTI-LANOX 2ML AMP™**
Simulates 500mcg of digoxin (Lanoxin)® in a 2mL clear ampule. Contents: distilled water

**ITEM NO:** 429PL (Box of 100)

**PRACTI-AMIODARONE™**
Simulates 150mg of amiodarone in a 3mL clear ampule. Contents: distilled water

**ITEM NO:** 428AD (Box of 100)

**PRACTI-METOCLOPRAMIDE**
10MG (5mg/mL), 2mL amp clear, box of 100.

**ITEM NO:** 49455MCP

**PRACTI-FENTANYL**
100MCG/2mL, 2mL amp clear, box of 100.

**ITEM NO:** 49456FTN

**PRACTI-FENTANYL**
500MCG/2mL, 2mL amp clear, box of 100.

**ITEM NO:** 49462FTN

**PRACTI-AMP™ SAFETY BREAKERS**
For use with all Wallcur Practi-Ampoules™

**ITEM NO:** 903SB 1 mL and 2 mL (Box of 100)

**ITEM NO:** 907SB 10 mL (Box of 100)

**ITEM NO:** 905SB 3 mL and 5 mL (Box of 100)

**PRACTI-PEEL-N-STICK AMP LABELS™**
Simulated drug and dosage practice is now even easier with a choice of eight new Practi-Peel-N-Stick drug labels. Each label is designed for either our 1mL Practi-Mini Clear Ampoule or our 1mL Practi-Tint Ampoule. Labels are clearly written with the drug name, dosage, bar code, and expiration date which resembles the real drug label.

**ITEM NO:** 9908DLD Practi-Dilaud™ (Set of 100)

**ITEM NO:** 9905SUP Practi-Isoprl™ (Set of 100)

**ITEM NO:** 9904MET Practi-Methergne™ (Set of 100)

**ITEM NO:** 9902PHE Practi-Phenergn™ (Set of 100)

**ITEM NO:** 9907EPN Practi-Epi™ (Set of 100)

**ITEM NO:** 9906NDE Practi-Inderl™ (Set of 100)

**ITEM NO:** 9903NAR Practi-Narch™ (Set of 100)

**ITEM NO:** 9909VTK Practi-Vitamin K™ (Set of 100)
PRACTI-ORAL MEDS™

PRACTI-ORAL MED PACK
The Practi-Oral Med Pack will provide hours of hands-on practice in oral dosage preparation for beginning students in nursing, pharmacy, medical assisting, and other allied health professions. Each Practi-Oral Med Pack contains 50 simulated unit doses of 20 differently labeled tablets, capsules, powders, and caplets in various shapes and sizes to closely match standard oral medications.

ITEM NO: 601MP (Pack of 20 Boxes)

PRACTI-ORAL MED PACK5
Simulates 5 common oral medications: Persantine®, Relafen®, Restoril®, multi-vitamin, and Wellbutrin®.

ITEM NO: SP-600 (Pack of 5 Boxes)

PRACTI-AMOXI™
Simulates Amoxicillin.
ITEM NO: 602AX (Box of 50)

PRACTI-LASX®
Simulates Lasix.
ITEM NO: 609LX (Box of 50)

PRACTI-PRILO™
Simulates Prilosec.
ITEM NO: 616PL (Box of 50)

PRACTI-CARZEM™
Simulates Cardizem.
ITEM NO: 603CR (Box of 50)

PRACTI-LIPIT™
Simulates Lipitor.
ITEM NO: 610LP (Box of 50)

PRACTI-RELAF™
Simulates Relafen.
ITEM NO: 617RF (Box of 50)

PRACTI-COLAZ™
Simulates Colace.
ITEM NO: 604CL (Box of 50)

PRACTI-LOTEN™
Simulates Lotensin.
ITEM NO: 611LN (Box of 50)

PRACTI-REST™
Simulates Restoril.
ITEM NO: 618RS (Box of 50)

PRACTI-COUMA®
Simulates Coumadin.
ITEM NO: 605CM (Box of 50)

PRACTI-MIC-K™
Simulates potassium chloride.
ITEM NO: 612MK (Box of 50)

PRACTI-VAL™
Simulates Valium.
ITEM NO: 621VL (Box of 50)

PRACTI-DIGOX™
Simulates Digoxin.
ITEM NO: 606DX (Box of 50)

PRACTI-PERCO™
Simulates Percocet.
ITEM NO: 613PC (Box of 50)

PRACTI-VITA™
Simulates a multi-vitamin.
ITEM NO: 622VT (Box of 50)

PRACTI-GLUCO™
Simulates Glucophage.
ITEM NO: 607GL (Box of 50)

PRACTI-PERSAN™
Simulates Persantine.
ITEM NO: 614PS (Box of 50)

PRACTI-WELLB™
Simulates Wellbutrin.
ITEM NO: 623WB (Box of 50)

PRACTI-KEFX™
Simulates Keflex.
ITEM NO: 608KX (Box of 50)

PRACTI-PREDNISONE
In new strip packaging.
ITEM NO: 615PR (Box of 50)
PRACTI-CAPLET™
Simulates pharmacy caplets in bulk jars for compounding.

**ITEM NO:** 670PC (Jar of 1000 Unscored)
**ITEM NO:** 671SC (Jar of 1000 Scored)

PRACTI-CAPSULE™
Simulates pharmacy capsules in bulk jars for compounding.

**ITEM NO:** 672CP (Jar of 1000)

PRACTI-TABLET™
Simulates pharmacy tablets in bulk jars for compounding.

**ITEM NO:** 673TB (Jar of 1000)

**PRACTI-ACETAMINOPHEN 240 MG™**
Simulates acetaminophen (Tylenol®) tablets.

**ITEM NO:** 677CM (Bottle of 100)

**PRACTI-ACETAMINOPHEN 325 MG™**
Simulates acetaminophen (Tylenol®) tablets.

**ITEM NO:** 678AM (Bottle of 100)

**PRACTI-ACETAMINOPHEN 650 MG™**
Simulates acetaminophen (Tylenol®) tablets.

**ITEM NO:** 676AC (Bottle of 100)

PRACTI-CALCIUM CARBONATE™
Simulates 600mg calcium carbonate tablets.

**ITEM NO:** 675CC (Bottle of 100)

**PRACTI-HYDROCODONE AND ACETAMINOPHEN™**
Simulates 5mg/500mg hydrocodone bitartrate & acetaminophen (Vicodin® and Tylenol®) tablets.

**ITEM NO:** 680HA (Bottle of 100)

**PRACTI-OXYCODONE AND ACETAMINOPHEN™**
Simulates 5mg/325mg oxycodone and acetaminophen (Percocet® and Tylenol®) tablets.

**ITEM NO:** 679XA (Bottle of 100)

**PRACTI-NITROGLYCERIN™**
Simulates 0.4mg (1/150g) nitroglycerin sublingual tablets.

**ITEM NO:** 730NP (Set of 5)

**PRACTI-TEGRETAL™**
Simulates paediatric dosage 100mg/5mL Tegretol® (carbamazepine) powder.

**ITEM NO:** TEGMED (Box of 50)

**PRACTI-MEDS LONG-TERM CARE CARD™**
Simulates oral medications used in long term care. *Practi-Meds in Long-Term Care Card subject to change without notice.

**ITEM NO:** 660MC (Set of 3)

**PILL CRUSHER CUP WITH SPLITTER**
Ideal for use with our Practi-Oral Meds®, each cup contains a blade to quickly cut tablets. Snaps together.

**ITEM NO:** 624CC (Set of 3)

**PILLCRUSH SYRINGE**
Allows for a safe and efficient way of delivering dissolved practice medications.

**ITEM NO:** 625PS (Set of 2)

**PRACTI-ACTIVATED CHARCOAL**
Simulates activated charcoal.

**ITEM NO:** 650AC

**PRACTI-AMOXICILLIN CLAVULANATE**
Simulates the drug Augmentin.

**ITEM NO:** 651AX

**PRACTI-AMOXICILLIN ORAL SUSPENSION**
Simulates the antibiotic amoxicillin.

**ITEM NO:** 652AS

**PRACTI-ASPIRIN**
Simulates the drug aspirin.

**ITEM NO:** 681AS (Bottle of 100)

**PRACTI-CHEWABLE ASPIRIN 81 MG**
Simulates chewable aspirin tablets.

**ITEM NO:** 683CA
PRACTI-CRASH CODE MEDS™

PRACTI-ADENOSINE™
Simulates 3mg/mL adenosine in a 4mL syringe. Contents: sterile water
ITEM NO: 1509AY (One Each)

PRACTI-ADENOSINE™
Simulates 3mg/mL adenosine in a 2mL syringe. Contents: sterile water
ITEM NO: 1508AR (One Each)

PRACTI-ATROPINE™
Simulates 0.1mg/mL atropine sulfate IV in a 10mL syringe. Contents: sterile water
ITEM NO: 1501A (One Each)

PRACTI-CALCIUM CHLORIDE™
Simulates 100mg/mL calcium chloride 10% IV in a 10mL syringe. Contents: sterile water
ITEM NO: 1503C (One Each)

PRACTI-DEXTROSE™
Simulates 0.5 mg/mL dextrose 50% IV in a 50mL syringe. Contents: sterile water
ITEM NO: 1504D (One Each)

PRACTI-EPINEPHRINE™
Simulates 0.1 mg/mL (1:10,000) epinephrine hydrochloride IV in a 10mL syringe. Contents: distilled water
ITEM NO: 1505E (One Each)

PRACTI-LIDOCAINE™
Simulates 20 mg/mL lidocaine hydrochloride 2% IV in a 5mL syringe. Contents: distilled water
ITEM NO: 1506L (One Each)

PRACTI-NALOXONE™
Simulates 1 mg/mL naloxone hydrochloride in a 2mL syringe. Contents: sterile water
ITEM NO: 1507N (One Each)

PRACTI-SODIUM BICARBONATE™
Simulates 84 mg/mL (1 mEq/mL) sodium bicarbonate 8.4% IV in a 50mL syringe. Contents: sterile water
ITEM NO: 1502B (One Each)

PRACTI-EPINEPHRINE™
Simulates the direct acting sympathomimetic drug.
ITEM NO: 1505AA

PRACTI-SIMPACK™
Wallcur offers our one-of-a-kind Practi-Sim Lab Starter Pack. This bundle provides many of our current simulation best sellers! Also included FREE, are three of our most popular Teaching Modules that offer extensive Q&As to help educators test skills effectively. The Practi-Sim Lab Starter Pack will help your student groups learn faster, and master key skill criteria.

PRACTI-SIM LAB STARTER PACK INCLUDES:
- 1 Practi-Injecta Pad™
- 30 Practi-Powder® Vials
- 30 Practi-10mL Vials™
- 100 Practi-2 mL Amps™
- 100 Practi-1 mL Mini Tint Amps™
- 40 Practi-Insulin Vials™
- 40 Practi-2 mL Mini Vials™
- 40 Practi-Heparin Vials™
- 10 Practi-Phenergn™ Labels
- 10 Practi-Dilaud™ Labels
- 10 Practi-Vitamin K™ Labels
- 10 Practi-Reglin™ Labels
- 10 Practi-Novlog™ Labels
- 10 Practi-Humlg™ Labels
- 18 Practi-Antibiotic Labels™
- 1 Practi-Powder Module™
- 1 Practi-Insulin Teaching Module™
- 1 Practi-Calcul8 Module

ITEM NO: SP-2012 (One Pack)
PRACTI-ACCESSORIES™

EPIDERMAL TRAINER
For practice in administering medication from a preloaded auto-injector system for allergic emergencies. Does not contain any medication or needle.
ITEM NO: 902EPI

PRACTI-EAR DROPPER™
Simulates otic drops for preventing or treating infections. Suitable for adults or paediatrics, the unsterile containers ship empty, allowing the addition of your solution choice.
ITEM NO: 909ED (Set of 5)

PRACTI-OPTIC DROPPER™
Simulates ophthalmic drop administration. Suitable for adults or paediatrics, the unsterile containers ship empty, allowing the addition of your solution choice.
ITEM NO: 906SD (Set of 5)

PRACTI-FENTANYL PATCH™
Simulates the transdermal administration of fentanyl (Duragesic®). Students learn to create a balance of key factors such as size of patch, coverage area, concentration of drug and calculating specific drug dosages.
Contains no medication.
ITEM NO: 8100DF (Set of 100)

PRACTI-NITROGLYCERIN PATCH™
Simulates the transdermal administration of nitroglycerin (Nitro-Stat®, Nitro-Dur®). Students learn to create a balance of key factors such as size of patch, coverage area, concentration of drug and calculating specific drug dosages. Contains no medication.
ITEM NO: 77700 (Set of 100)

PRACTI-NITROGLYCERIN SPRAY™
A CFC-free pump that simulates sublingual nitroglycerin aerosol spray (400 mcg/spray), used to treat episodes of angina caused by coronary artery disease. Each pump contains no medication and provides 200 sprays per pump.
ITEM NO: 720NS (Set of 5)

PRACTI-INHALER™
Simulates a generic inhaler. Each inhaler is equipped with 200 metered actuations of an aerosol propellant to simulate medication delivery and demonstrate hand/breath coordination. Contains no medication.
ITEM NO: 619PI (Set of 5)

PRACTI-IPRATROPIUM INHALER™
Simulates ipratropium (Atrovent® or Combivent®) 18 mcg/puff inhaler. Each inhaler is equipped with 200 metered actuations of an aerosol propellant to simulate medication delivery and demonstrate hand/breath coordination. Contains no medication.
ITEM NO: 667TR (Set of 5)

PRACTI-NASAL SPRAY
Contents: distilled water.
ITEM NO: 1202NS
**PRACTI-INJECTION SIMULATORS™**

An educator favourite, our patented Practi-Injecta Pads give the feel of a live injection, with perfect simulation of skin puncture resistance, tissue displacement, and aspiration tension. The realistic thickness allows practice with a variety of needle lengths, with top and bottom surfaces available for injection of AIR OR LIQUID for the practice of intramuscular and subcutaneous injections. Add our Practi-SimSkin for realistic intradermal injection practice that produces a “bleb” or “wheal,” as well as our Practi-Anatomical Templates for quick visualization, realistic placement, and injection technique practice.

**PRACTI-STUDENT INJECTA PAD™**

Our newest sized Pad can take both air and liquid injections, and is ideal for individual use in the lab or for student health education kits.

*ITEM NO: 503DP, 8 x 8 x 4.5cm*

**PRACTI-INJECTA PAD™**

*ITEM NO: 501PD, 18 x 18 x 6.5cm*

**PRACTI-MINI INJECTA PAD™**

*ITEM NO: 522MP, 13 x 13cm, Set of 2*

**PRACTI-SIMSKIN™**

Designed for intradermal injection and handcrafted to produce a ‘bleb’ or ‘wheal’ with either liquid or air injections. Can also be used as a suture skin.

*ITEM NO: 551BS*

**ANATOMICAL TEMPLATES**

Six interchangeable templates represent the most commonly used landmarks and injection sites. A perfect accompaniment to the Practi-Injecta Pad.

*ITEM NO: 550PT Practi-Set of 6 Anatomical Templates™ 18 x 18cm*

*ITEM NO: 577MT Practi-Mini Anatomical Templates™ Set of 6, 13 x 13cm*

*ITEM NO: 555CT Practi-Anatomical templates Set of 6 colour 18 x 18cm*

*ITEM NO: 560ST Practi-student anatomical templates Set of 6 colour 8x8cm*

“*The Wallcur Practice Medication range looks like the real thing. Mediquip were able to customise drug labels, reinforcing the need for our student healthcare practitioners to perform drug checks prior to administering. The materials used to make the glass ampoules and blister packs are of high quality; I would even say of the same quality as the medication it is simulating.*”

Nga Le, Senior Simulation Learning Environments Technician, Faculty of Health – Queensland University of Technology
OTOSIM OTOSCOPY SIMULATION SYSTEM

Through an actual ophthalmoscope, students can practice their examination technique with monocular vision while viewing through a realistic simulated-eye, complete with an adjustable iris. Since ophthalmoscopes only allow a portion of the retina to be viewed at any time, the OphthoSim™ tracks the motion & orientation of the user through an instrumented ophthalmoscope and displays the appropriate region of the retina.

As students view and learn pathologies through the OphthoSim™, instructors can interact with students by landmarking critical features of a pathology. This high degree of student-instructor interaction, combined with experiential learning in a realistic geometry, enables more efficient learning and knowledge retention.

OTOSIM 2 OTOSCOPY TRAINING & SIMULATION SYSTEM

INCLUDES:
- 1 x Otosim base unit
- 1 x Otosim instrumented otoscope
- 1 x Otosim 2 control box
- 1 x adult earform (right ear)
- 1 x adult earform (left ear)
- 1 x Otosim 2 software & manual on USB key
- 2 x protective hard cases
- 1 year warranty

ITEM NO: OTS11-002

PNEUMATOSIM OTOSCOPY UPGRADE KIT FOR OTOSIM2

INCLUDES:
- 1 x pneumatic ear
- 1 x instrumented pneumatic otoscope
- 1 x Pneumatosim software & manual on USB
- 1 x protective case
- 1 year warranty

ITEM NO: OTS12-101

OPHTHOSIM OPHTHALMOSCOPY TRAINING & SIMULATION KIT

INCLUDES:
- 1 x Ophthosim base unit
- 1 x Ophthosim eye
- 1 x instrumented Ophthosim ophthalmoscope
- 1 x control box
- 1 x software and manual
- 1 x case
- 1 year warranty

ITEM NO: OTS13-001
INTRAOSSEOUS TRAINING KITS

NIO IO BONE GUN TRAINING KITS

NIO Bone Guns are used in emergency situations when vascular access is needed for fluid and drug administration. The NIO Intraosseous Training Kits are the perfect devices for paramedicine training, allowing paramedic students to practice without any risks to patients.

The training kit comes with adult and paediatric needleless bone guns, with singular devices also available.
TRAINING AND SUPPORT

Mediquip are committed to providing the best possible training and support to all of our customers. Our team of simulation specialists have the knowledge and skills to help you learn about your simulators features and functionalities. We also assist with teaching current best practices and share product tips and tricks with you.

Mediquip ensure that customers are kept up to date and informed on new products, add-ons, and software updates. Any training or service is also always able to be carried out on premises for customer convenience.

MEDQUIP SERVICE DEPARTMENT

• Highly qualified technical team - maintenance and repair is completed by a qualified Biomedical Technician
• Service department can be contacted 24/7
• Servicing can be undertaken at the customer’s premises
• Any repairs needed will be addressed immediately
• Our team adhere to Australian Quality standards