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Stop the Bleed

CATRAC has many STB teaching kits and trainers available for instructors to borrow. One teaching kit and one trainer is designed for 10 students, however, each instructor is welcome to borrow as many teaching kits/trainers as needed, given the availability. CATRAC is also able to provide basic or intermediate STB kits for each student to keep. Each instructor will be provided with the following:

- Instructor guide/PowerPoint presentation with notes uploaded onto a thumb drive
- Trainer with three different types of simulated wounds for hands-on training, equipped with two packages of Combat Training Gauze
- STB 'teaching kit' that comes equipped with different types of gauze and tourniquets. The kits also hold chest seals, mylar blankets, and Israeli bandages
- STB kits for students to take home. There are both basic and intermediate options available



Physio Control Lifepak 15 Monitor/Defibrillator



CATRAC is offering two Lifepak15 monitor/defibrillators to our stakeholders to borrow. They can also be connected as demonstration through our Laerdal simulations and accessories using the Laerdal Shocklink device.

Each **Lifepak15** will come with the following:

- Monitoring capabilities of 12-lead ECG, SpO2, SpCO, SpMet, NIBP, ETCO2, invasive pressure, continuous temperature, and vital sign/ST Segment trends
- Therapy electrode and standard paddle
- AED, manual defibrillation capabilities, cardioversion, noninvasive pacing, and pediatric ECG monitoring
- Shock Advisory System
- SpO2 specifications and validation
- Electromagnetic compatibility
- [2] Rolls 100mm paper
- [1] Temperature adapter cable
- [1] LP15 Lithium-ion battery
- [1] Carrying case

CPR Training

CATRAC has various resources available for CPR Training. There are 10 Prestan AED Ultratrainers and many Medical Training Bag Valve Masks (Ambu bags) available to borrow, as well as disposable CPR Rescue Masks to keep. There are both adult/child and infant/neonate sizes of Medical Training Bag Valve Masks.

Each **Ultratrainers (CPR mannikins)** kit will have the following items:

- [2] Infant mannikins
- [2] Adult chest mannikins and corresponding heads
- [2] AEDs equipped with pads and leads
- Face shields and lung bags



Each **Medical Training Bag Valve Masks (Ambu bags)** will have the following items:

- [1] PVC Adult/Child OR infant/neonate BVM Trainer with pressure limiting valve
- [1] Oxygen reservoir bag
- [1] Instruction booklet
- [1] of each: Adult/Child; or Infant/Neonate resuscitation mask
- Oxygen tubing



Each **CPR mask kit** will have the following items:

- [1] Adult mask
- [1] Infant mask
- [2] CPR valves
- [1] pair of gloves



CPR Training: AmbuMan Basic



CATRAC has one Ambuman Basic available to borrow. This specific manikin allows the training of an AED and pad placement, as well as shows realistic airway resistance and chest rise. The quality of compressions and ventilation can be monitored by a feedback indicator. Members are welcome to borrow an Ambu bag if needed.

The **Ambuman Basic kit** will come with the following:

- [1] Ambuman
- [1] Face piece
- Head bags
- [1] Carrying case

Intubation and Airway Management



CATRAC has a few airway management resources available to borrow. There are three intubation kits as well as many Medical Training Bag Valve Masks (Ambu bags) on hand for our stakeholders. CATRAC carries both adult/child and infant/neonate Ambu bags.

Each **intubation kit** will have the following items:

- [1] handle
- [4] Mac blades in sizes 1-4
- [4] Miller blades in sizes 0-3

Each **Medical Training Bag Valve Masks (Ambu bags)** will have the following items:

- [1] PVC Adult/Child BVM Trainer w/pressure limiting valve
- [1] Oxygen reservoir bag
- [1] Instruction booklet
- [2] resuscitation masks; [1]Adult and [1] Child, or [1] Infant and [1] neonate
- Oxygen tubing

Laerdal Male Multi-Venous IV Training Arm Kits



CATRAC offers four adult male IV Training Arm Kits to our stakeholders. These kits have simulated multi-vein systems that are designed for peripheral intravenous therapy, such as venipuncture in the antecubital or dorsum area. They allow simulated access to veins such as median, basilic, and cephalic. Replacement skin is available as needed.

Each **IV Training Arm Kits** will come with the following:

- [1] Adult male IV arm
- Multi-vein system
- [1] Carry Case
- [1] Manikin Lubricant
- [1] Blood Concentrate
- [5] 3mL syringe/needles
- Skin & Veins
- Shoulder attachment hardware/Vein bands

Laerdal Simulation- Blood pressure training arm



CATRAC has one Laerdal Blood Pressure Training Arm available to borrow. This Training Arm will serve as an aid to teach skills such as measuring NIBP, auscultation, and palpation. This simulator also has the ability to change languages.

The **Laerdal Blood Pressure Training Arm** will come with the following:

- [1] Blood pressure arm
- [1] Blood pressure trainer
- [1] Blood pressure cuff
- [2] AA Batteries
- [1] Carrying case

Laerdal Simulations: Premature Anne

CATRAC has many Laerdal simulations available to borrow. Premature Anne is an anatomically correct manikin of a baby born at 25 weeks. She can be used to refine standard practices for various challenges premature newborns may face, master skills needed for premature infants, and to integrate the latest technologies into premature infant training programs. Premature Anne also comes with her own intubation kit.

The **Laerdal Premature Anne kit** will come with the following:

- [1] SimPad PLUS to track vitals and to use preloaded NRP (Neonatal Resuscitation Program) scenarios/suggestions
- [1] Premature Anne
- [1] Hat & Blanket
- [3] IV sites (hand, arm, right leg)
- Heart/lung/vocal sounds
- [3] Umbilical cords
- [1] Intubation kit with Murphy 2.5mm ET tubes and Ambu bag
- [1] Simulated umbilical blood
- [1] Lubricant for skin and airway
- [1] Roll of silicone tape (2.5cm x 5m)
- [1] Carrying case
- Network capabilities
- Consumables as applicable



CATRAC also offers [1] Laerdal VitalsBridge, Shocklink, LLEAP software, [1] Sonosim and [1] Simulated Patient Monitor to pair with our Laerdal simulations. Supplies are limited and availability of these supplies is not guaranteed

Laerdal Simulations: Simbaby

CATRAC has one Laerdal SimBaby available for borrowing. The SimBaby is a simulated 9-month-old pediatric patient designed for early assessment, diagnosis, and interventions. He can be used to effectively recognize and respond to respiratory emergencies, shock, and cardiopulmonary arrest. Additionally, SimBaby is able to serve as an aid to learn skills such as assessing capillary refill time, testing pupillary light reflexes, and checking bilateral pulses.

The **Laerdal SimBaby kit** will come with the following:

- [1] SimBaby
- [1] SimPad to track vitals and to use preloaded NRP (Neonatal Resuscitation Program)
- Manual and automatic training modes
- [1] Carrying case
- Network Capabilities
- Consumables as applicable



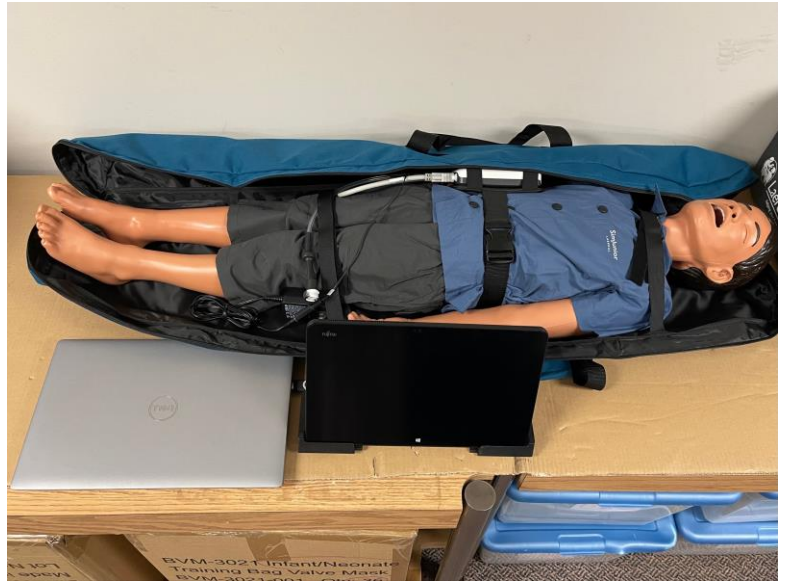
CATRAC also offers [1] Laerdal VitalsBridge, Shocklink, LLEAP software, [1] Sonosim and [1] Simulated Patient Monitor to pair with our Laerdal simulations. Supplies are limited and availability of these supplies is not guaranteed.

Laerdal Simulations: SimJunior

CATRAC offers one Laerdal SimJunior to our members. This simulator is intended to represent a 6-year-old boy who can appear to be in a variety of conditions. SimJunior is compatible with defibrillation, cardioversion, and pacing.

The **Laerdal SimJunior kit** will come with the following:

- [1] SimJunior manikin
- [1] SimPad PLUS to track vitals and to use preloaded NRP (Neonatal Resuscitation Program)
- [1] Link box and Lithium-Ion battery
- [1] Blood pressure cuff
- [2] IV access points
- [1] IO access point
- Palpable pulse
- Audible sounds that simulate the heart, lungs, bowels, and voice
- Interchangeable pupils
- Network connection
- [1] Lithium-ion battery
- [1] Carrying case
- Consumables as applicable



CATRAC also offers [1] Laerdal VitalsBridge, Shocklink, LLEAP software, [1] Sonosim and [1] Simulated Patient Monitor to pair with our Laerdal simulations. Supplies are limited and availability of these supplies is not guaranteed

Laerdal Simulations: SimMan ALS

CATRAC has one Laerdal SimMan ALS available for our members to borrow. This simulator is designed to meet the training needs of pre-hospital and hospital emergencies. SimMan can be used for the complete training of the AHA, ERC, and ACLS.



The **Laerdal SimMan** kit will come with the following:

- [1] SimMan torso and head
- [2] SimMan legs and arms
- [2] Genitalia insert
- [1] SimMan trousers and sweatshirt
- Interchangeable pupils and teeth
- [1] Blood pressure cuff
- [1] 60 mL syringe
- [1] Training lubricant
- [1] IV filling kit
- [1] SimPad to track vitals and to run preloaded NRP (Neonatal Resuscitation Program) simulations
- Manual and automatic training modes
- [1] Lithium-ion battery
- [2] Carrying cases
- Consumables as applicable



CATRAC also offers [1] Laerdal VitalsBridge, Shocklink, LLEAP software, [1] Sonosim and [1] Simulated Patient Monitor to pair with our Laerdal simulations. Supplies are limited and availability of these supplies is not guaranteed

Gaumard Noelle S550

CATRAC has [2] Gaumard Noelle S550 available for maternal care training. This simulator has the capability of simulating the entire birthing process and allows participants to provide care before, during, and after delivery. She is also able to demonstrate simulations that require ALS, obstetrics, and neonatal resuscitation protocols.



The **Gaumard Noelle S550** simulator kit will come with the following:

- [2] Legs with IM Pads in each
- [1] Torso with a neck brace, abdominal cover and speaker
- [1] Articulating birthing fetus
- [4] Umbilical cords in varying sizes & clamps
- [1] Placenta and detachable fragments
- Post-partum hemorrhage filling kit
- [2] Vulva insert for episiotomy repair
- [1] Pulse line squeeze bulb
- [1] IV filling kit
- [1] Elevating pillow
- Replacement veins
- Hardware & clean up kit
- [1] OMNI 2 Tablet
- [1] Patient monitor
- [1] User Manual
- Network capabilities



Laerdal Accessories



LLEAP Software

CATRAC offers LLEAP Software by Laerdal as an alternative to using a SimPad for any of our simulators. This software allows for complete control over the scenario training, as well as the ability to transmit vital signs to a simulated patient monitor.

Simulated Patient Monitor

A highly configurable patient monitor that is capable of simulating numerous patient parameters such as:

- ECG
- SpO2
- CO2
- ABP
- CVP
- PAP
- NIBP
- TOF

Shocklink adapter

Allows the ability to connect to live defibrillators to manikins. Laerdal Shocklink adapters are able to connect with training pads to diffuse the shock energy from the defibrillator.

Laerdal Accessories



VitalsBridge 300

A device that can connect to a commercially available patient monitor. Using the same monitor that will be used in actual clinical practice may be more beneficial than using a simulated monitor. The VitalsBridge 300 will come with a variety of adapters compatible with authentic patient monitors.

Sonosim

A Laerdal ultrasound interface is available and is compatible with LLEAP software. User can control the heart rate and respiratory rate of the images to create a diverse variety of scenarios.

Laerdal consumables

CATRAC has numerous Laerdal consumables that are compatible with all of our Laerdal Simulators. These supplies are only compatible with Premature Anne, SimBaby, SimJunior, and SimMan. The consumables offered are compatible with specific simulators and are not generally universal. Consumables include but are not limited to:

- Criothyroid tape
- Lung bags
- Pupil inserts
- Replacement skin
- Upper teeth
- Umbilical cords
- Simulated blood
- Pleura chest drains
- Pneumothorax bladder
- Shocklink pediatric pads
- Tibial IO
- IV filters and connectors

Child Safety Training

CATRAC offers resources to encourage proper child car safety training. There are [4] car seats, [5] plush dummies, [1] scale, [1] latch manual and [1] car and seatbelt simulator available for borrowing.

Plush Dummy sizes:

- [1] infant; 17"
- [1] 16 month; 31"
- [1] 3-year-old; 38"
- [1] 6-year-old; 48"
- [1] 4'9"

