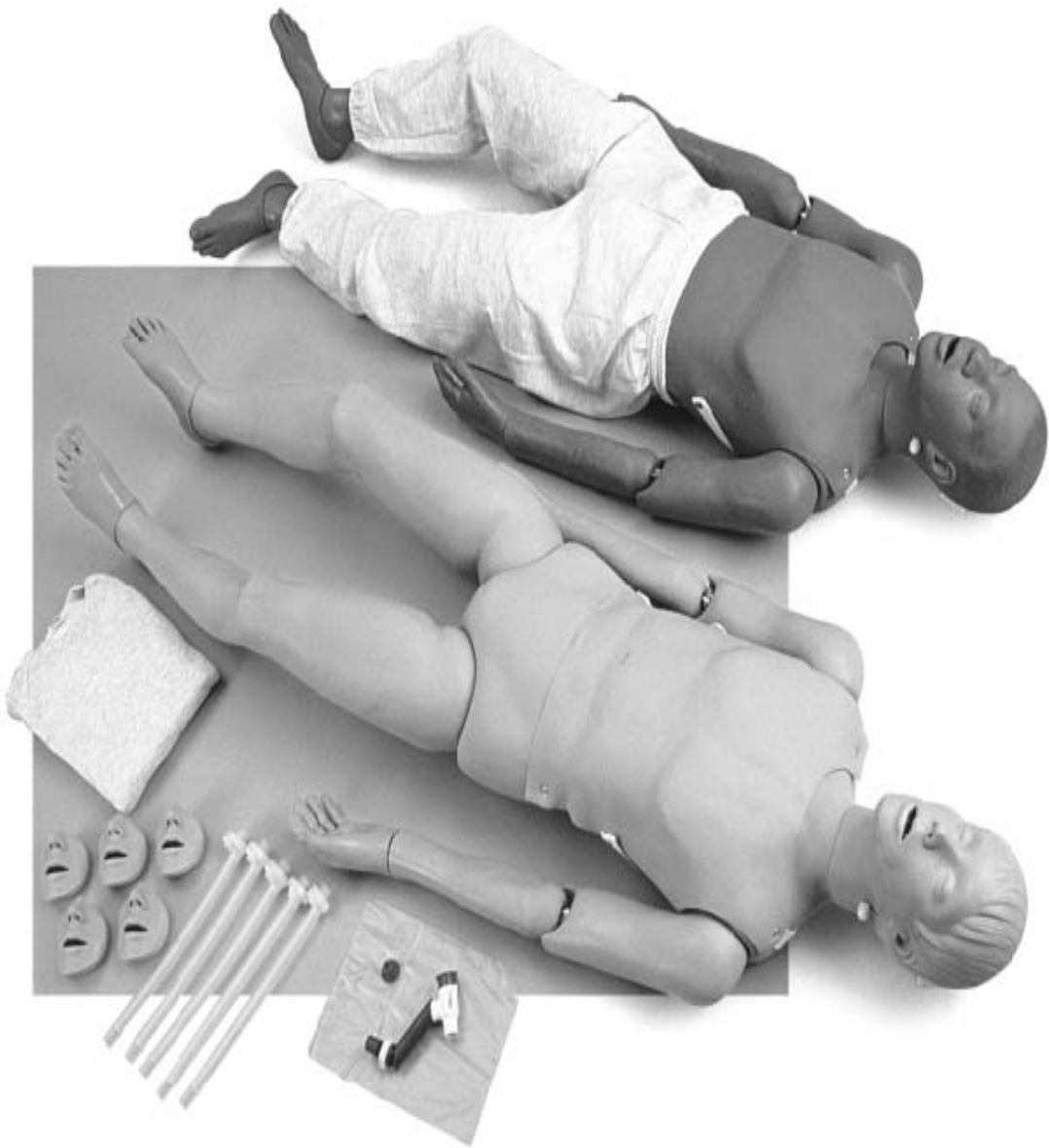


FULL BODY CPR/TRAUMA MANIKIN INSTRUCTIONS FOR USE, CARE AND MAINTENANCE



The purpose of this instruction manual is to familiarize the user with the function, care and maintenance of Simulaids' Full Bodied CPR/Trauma manikin. This manual is not meant to provide instruction in Cardiopulmonary Resuscitation (CPR) or other emergency life support procedures. Please read it thoroughly before attempting to use your manikin. This product can be used for demonstrating and teaching proper CPR and first aid techniques. Features include a carotid pulse, the normal range of motion of the extremities, and a full human body for realistic practice in transport-rescue and lifesaving procedures. The lifelike anatomical landmarks include: sternum, ribcage, substernal notch, and the natural resistance to chest compression. Add our trauma options to allow training in basic CPR, lifesaving rescue procedures and trauma rescue.

WHAT YOU RECEIVE:

Each carton is packed with the manikin and,
5 additional mouthpieces (replacements sold in 10 pack item 2023)
5 additional lung systems (replacements sold in 10 pack item 2507)
1 ball valve assembly
1 squeeze bulb assembly for the carotid pulse (item 2028)
1 set of sweat clothes.

OPTIONS THAT YOU MAY ORDER INCLUDE:

Item 2725: CPR Full body with electronics (a console with LEDs that indicate proper hand position, adequate ventilations and adequate compressions is included)
Item 2704: Transport Rescue Head to use when you want to protect your CPR Head from damage during rough handling
Item 1373: A full body sized carry bag for the manikin and supplies
Item 1374: IV Lower arm with hand
Item 6701: Trauma moulage kit. See www.simulaids.com/6701.htm for a full list of these wounds.

CONSTRUCTION

The CPR/Trauma Manikin's body is suspended on a skeleton of steel and flexible cable. Some enlargement of the body segments (joints), cable connector openings or gaps between the body joints may develop with extended use without affecting the serviceability of the manikin.

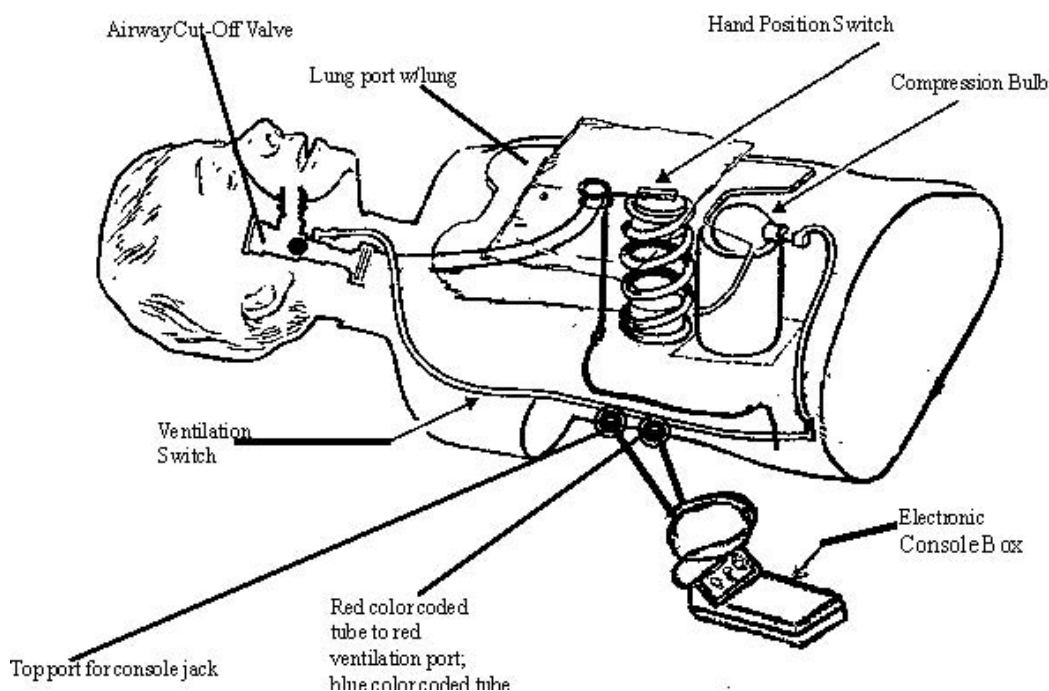
HOW IT OPERATES:

To promote sanitary practice, Simulaids' Full Bodied CPR/Trauma Manikin uses a system which incorporates individual MOUTH/ NOSE pieces that are provided to *each student* and inserted into the face cavity of the manikin during that student's turn to do ventilations. These mouthpieces can be disinfected with any CDC protocol solution designed for that purpose. Dry the mouthpieces thoroughly before storing them.



It is important that the MOUTH/ NOSE piece be seated securely on the stem of the ball valve in the mouth portion of the head. The drawing below shows the basic concept of how the mouthpiece is inserted.

ILLUSTRATION OF INTERNAL PARTS AND THE OPTIONAL CONSOLE BOX CONNECTIONS



INFLATION

When the head is in a neutral position, the ball in the AIRWAY CUT-OFF VALVE is in a forward position, preventing air from entering the lungs. This replicates an obstructed airway of an unconscious person in need of emergency ventilation. When proper head tilt and chin lift are applied, the ball will roll rearward, open the valve and allow the air to pass through the non-re-breathing valve to the lung, which causes a visible rise in the chest (Fig #2). When inflation ceases, the non-re-breathing valve closes and prevents the return of air to the mouth and nose. However, the air will discharge from the lung through the back port of the valve so that you will see the chest deflate. Electronic Model Only: The green ventilation bulb on the console will light when proper ventilation is performed.

CARDIAC COMPRESSION ELECTRONIC MODEL

A hand position switch is attached to the sternum. Pressure on the switch activates a sensor in the console box, lighting the blue correct hand position light. When the chest is compressed, another sensor activates the white light which indicates the correct depth of compression.

CAROTID PULSE

To activate the pulse, plug the connector from the squeeze bulb assembly into the portal behind the left ear. Rhythmically squeeze to simulate the pulse.

DISASSEMBLY

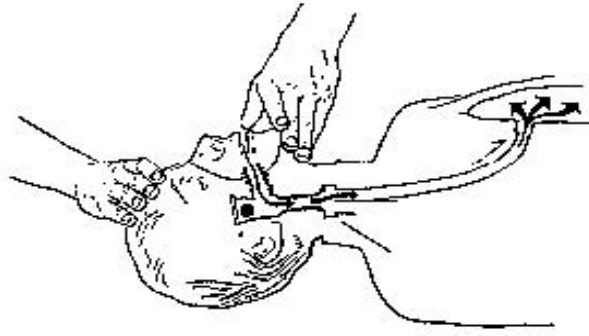
To remove the contaminated lung system and replace it:

Remove mouth/nose piece from face.

Remove chest skin from torso and remove/discard the disposable lung.

Remove head by pulling cotter pin from rod, then pull out the rod. Lift off head and pull airway tube from chest cavity.

Remove the Ball valve Assembly from the head by unscrewing the white nylon nut and disconnect the ball valve from the old valve/tubing assembly



ELECTRONIC MODEL:

It is necessary to access the interior of the chest cavity in this model when you are changing the airway tubing, so separate the pelvis from the torso by removing the hair cotter pin at the waist and slide the rod out. The torso and pelvis will now separate.

CLEANING & DISINFECTING

The only components of Simulaids Full Bodied CPR/Trauma Manikin that require scrupulous disinfection are the airway cutoff ball valve and the mouth/nose pieces. The airway tubing and valve are designed to be disposed of at the end of the training class. However, they may be reused after carrying out the following procedure:

Clean in mild soap and water.

Rinse thoroughly in clear water.

Disinfect as per C.D.C. protocols.

Rinse thoroughly and dry.

REASSEMBLY

Secure ball valve into head and make sure that the longitude of the ball valve pipe is oriented straight and parallel with the center line of the head. Insert the one way valve located at the top of the airway into the opened port of the ball valve.

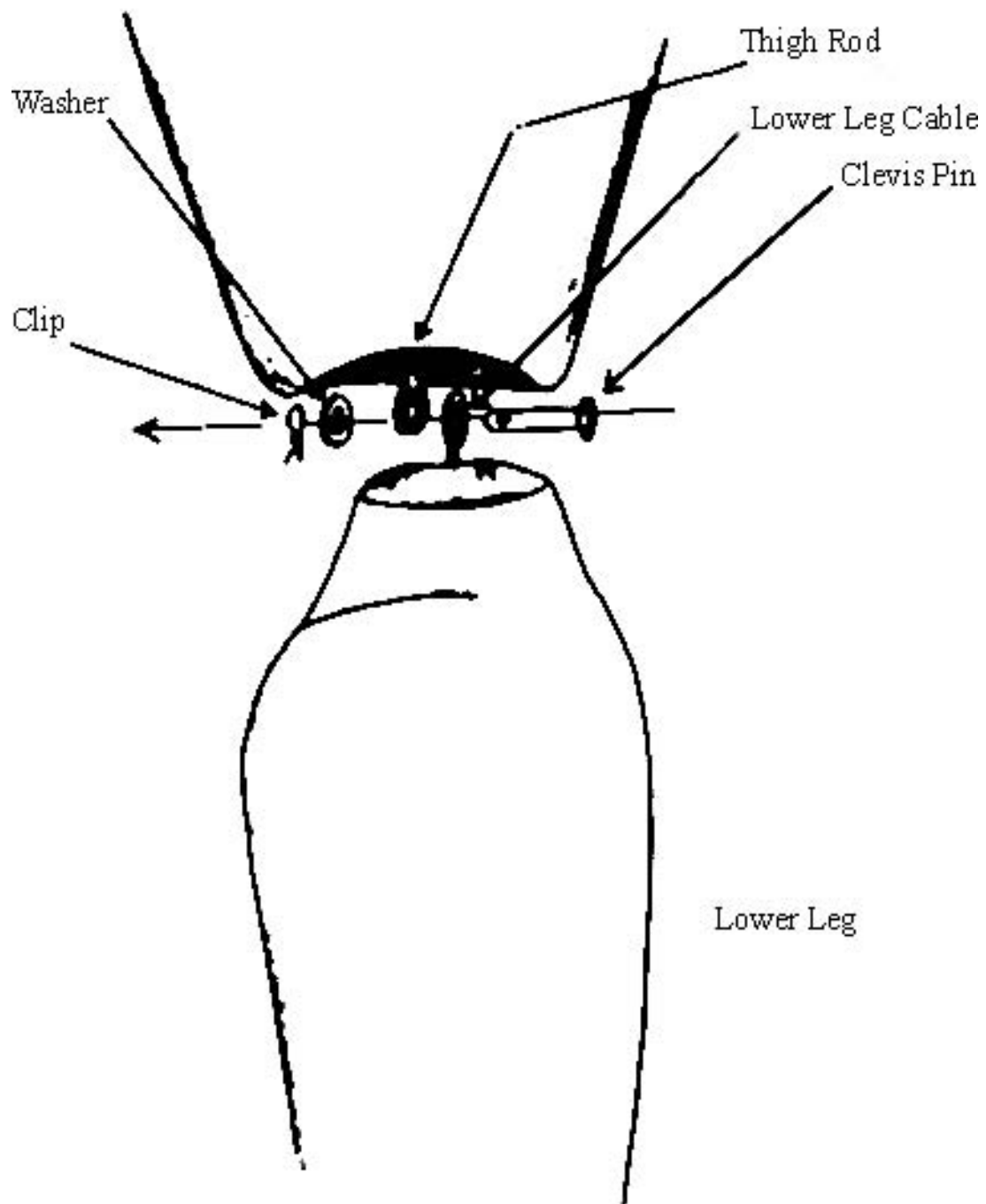
Feed tubing down through hole in neck.

Re-attach head with clevis pin and hair cotter pin.

Attach lung to airway. Electronic Model: Reach into chest cavity and feed airway tubing through hole in chest cavity and attach lung to airway tube.

Electronic Model: Fit upper and lower torso halves together feeding rod through at waist and attach hair cotter pin.

Re-attach chest skin in place.



LEG ASSEMBLY DIAGRAM

STORAGE

If possible, the manikin should be stored at normal room temperature (62°F to 80°F). The optional Carry/Storage Bag (#1373) is an excellent way of keeping your manikin clean and damage-free while not in use. Disconnect console box when not in use.

CARE AND MAINTENANCE

Since Simulaids' Full Bodied CPR/Trauma Manikin takes the place of a live victim in your training program, it should be maintained with care and treated as you would any other valuable training tool. It should not be dropped nor subjected to temperatures above 100°F. These precautions will prevent deformation of the body and possible damage to the internal skeletal structure. Care should be taken to ensure that the body and limbs are not punctured or torn. Simulaids' Full Bodied CPR/Trauma Manikin feature fully articulated limbs. However, care should be taken not to twist the arms and legs into positions that a human body would not normally withstand. After each training exercise, or when needed, the manikin should be washed with hot, soapy water. The use of solvents or strong cleansers is not recommended. However, an "all-purpose" cleaner (i.e., 409 or Fantastic) may be used.

RETURN POLICY:

At no time will any product be accepted without proper return authorization issued by Simulaids. Please contact our Customer Service Department to arrange a return and obtain a RGA number. Freight and Shipping charges are the sole responsibility of the end user. No product will be received with shipping charges due. Serial number and invoice number from the agency through whom the product was purchased must be provided for warranty repairs. No return authorization number will be provided without this information. Should you have any questions or wish further information on any product we manufacture call or write our Customer Service Department:

WARRANTY

Simulaids warrants their products to be free from defects in materials and/or workmanship for a period of three years from the date of purchase, as evidenced by the date on the invoice of the product shipment to the end user. This warranty expressly does not cover abuse, accidental or purposeful damage, or any form of modification to the product. This warranty does not cover moulage products. Only products manufactured at the Simulaids plant in Saugerties, NY receive this limited warranty status. All other products sold through Simulaids, but manufactured elsewhere, are subject to the warranties supplied by the product manufacturer. These warranties may differ from the Simulaids' warranty. Simulaids reserves the right to either repair or replace affected parts or the entire unit, at their sole discretion, after investigating and reviewing the actual product and the damage. In most instances, a digital photo of the product in question showing the damage will help qualify a product for return to the factory.

Replacement Components and Options

#2700 Full-Body CPR/Trauma Manikin	#2507 Airways with Lungs (10 Pk) (LITTLE ADAM)
#2725 Full-Body with Electronics	#2030 Lungs only (20 Pk) (ADAM)
#2750 Full Body CPR/Trauma (African-American)	#2703 CPR Head (Rigid)
#2701 Airway Cutoff Ball Valve for CPR/Trauma Manikin	#2704 Transport Rescue Head
#2727 Airway Cutoff Ball Valve for Electronic Model	#2754 Transport Rescue Head (African-American)
#2023 Channel Mouth/Nose Pieces (10 Pk)	#1373 Carry, Storage Bag
#2601 Channel Mouth/Nose Pieces (10 Pk African-American)	#1374 IV Lower Arm with Hand
	#1374B IV Lower Arm with Hand (African-American)
	#6701 Trauma Moulage Kit
	#6701B Trauma Moulage Kit (African-American)

Weights & Dimensions

Manikin Weight 49 lbs. - Shipping Weight 60 lbs.

Shipping Dimensions: L 50" H 12" W 21"

Manufacturers of Training Manikins, Casualty Simulation Kits, Medical Training Devices
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