

Nasco

HEALTHCARE



Simulaids. *Life/form.*

BRAD CPR ASSEMBLY & OPERATION INSTRUCTIONS



Item	Description
2271	Brad Jr.
2275	Brad Jr. with Electronics
2800	Brad
2801	Brad with Carry Bag
2801E	Brad Ethnic with Carry Bag
2803	Paul with Carry Bag
2804	Jaw Thrust Brad with Carry Bag
2814	JT Brad with Electronics and Carry Bag
2827	Helal with Carry Bag
2829	Helal with Electronics and Carry Bag
2828	Brad Ethnic with Electronics and Carry Bag
2850	Brad with Electronics and Carry Bag
2856	Paul with Electronics and Carry Bag

The chart at left indicates the products that use this instruction manual.

This manikin is intended to be used as an instructional aide in the teaching and demonstrating of CPR procedures to individuals.

Thank you for buying a Simulaid[®] product. This instruction guide will familiarize you with Simulaid[®] Brad CPR manikins. These healthcare trainers offer features for the proper application of CPR techniques, including: chin lift to open airway, ventilation with rescue breathing and BVM use, compressions against typical adult chest resistance and proper positioning of hand and body to be effective with proper technique.

Designed with your training needs in mind, Brad CPR's realistic looks, accurate anatomical landmarks, and economical individual-use mouth/nose pieces with disposable airway/lung system and non-rebreathing valve will continue to reinforce the manikin's value. The manikin's sturdy vinyl covered torso means quick, wipe-clean maintenance. With proper care and storage, Brad manikins last more than ten years and are tested to sustain over a million compressions.

The below photo shows the jaw thrust maneuver featured only with JT Brad manikins. Use a water-based lubricant between the jaw and the head to assist in the easy operation of this feature.

Brad/JT/JR Brad Airway Removal

Steps:

1. Remove mouth/nose piece from the manikin's face cavity.
2. Remove the connector from the one-way valve stem from inside the face cavity.
3. Lay the manikin on its back and pull the chest skin overlay off the shoulders and down toward the stomach below the chest plate and lung. Brad JR CPR manikins excludes the chest plate. All other operations are the same.
4. Tilt the head back and reach under the chin and pull the one-way valve out of the hole in the face.
5. Slide the bottom lung slots off from the chest plate and remove the lung from behind the chest plate and discard the lung. Brad JR CPR manikins excludes the chest plate. All other operations are the same.

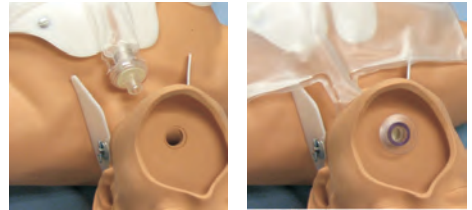


Brad/JT Brad Airway Installation



Steps:

1. Select a plastic exhaust manifold cap and install it on the opened port of the one-way valve next to the lung bag.



2. Lay the manikin on its back. Tilt the head back and grasp the airway assembly by the one-way valve and insert it through the hole in the valve by guiding the one-way valve under the chin, with the plastic exhaust manifold cap towards the back of the head. Be sure that the airway tube is forward and lays flat. Press the connector onto the one-way valve stem. **DO NOT PRESS straight on.** Angle and apply a twisting motion while pressing forward.

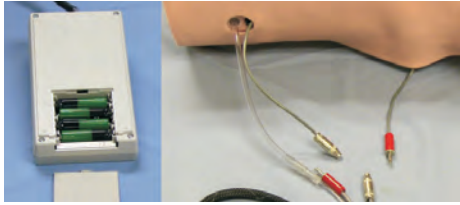


3. Lay the lung behind the chest plate and secure the two slots in the bottom of the lung by placing the slots over the bottom ribs of the chest plate. Brad JR CPR manikin excludes the chest plate. All other operations are the same.
4. Pull the lung up until it rests against the neck collar. If the lung is too low, it will detach from the manikin's head when the chin lift maneuver is done.
5. Make sure the chest plate is properly positioned and pull the chest skin overlay back up over the manikin's shoulders.
6. Replace the mouth/nose piece in the face cavity.

NOTE: Brad with electronics or without electronics airway/lung replacement procedure is the same.

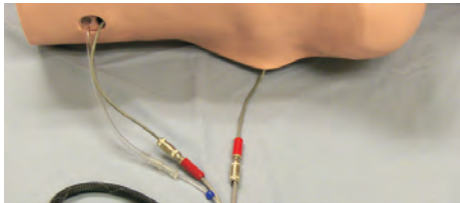
Brad with Electronics

This product includes a console box that displays lights when you do appropriate skills. The blue light shines when you have your hands in the correct position. The green light shines when you have ventilated adequately. The white light shines when you have compressed adequately (2+”).

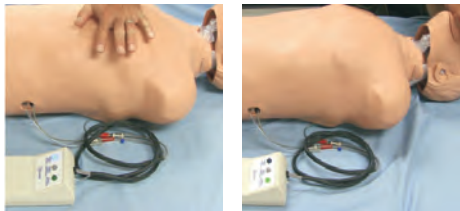


Steps:

1. To set up the manikin with electronics, first install the four “AA” batteries in the compartment in the console box.
2. Then place the console box next to the left side of the Brad torso near the base. Note that one wire from the manikin exits the back of the unit from under the overlay skin.



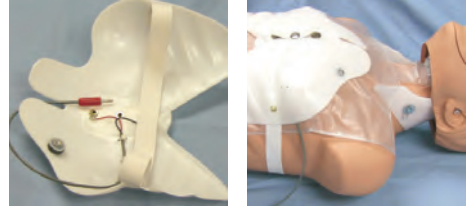
3. Connect the two wire pairs and the tubing pair. You cannot get them backwards because the wire connections are paired with opposite terminals.



4. Correct hand position will turn on the blue light.
5. Adequate ventilation will turn on the green light.
6. Adequate compression depth will turn on the white light.

Troubleshooting

The chest plate has a magnet installed in the upper left section. This magnet rests on top of the lung system in a position over the torso magnetic switch. When the lung is inflated, the magnet is lifted off the chest and the green light comes on. If the light is on all the time, reposition the chest plate.



The switch that connects the blue light terminals lies on the sternum of the chest plate. If your correct hand position does not turn on the light, check to see that the switch strip is positioned in line with the sternum. If it twists off center, it will not make contact when hands are placed upon it. If the blue light is constantly on, lightly bend the strip ends up so that they don't contact the terminals until hand pressure is applied.

If your airway disconnects from the head when you do a chin lift, you must move the lung system higher on the torso to allow the airway tube to fully extend without tensing during the chin lift.

Cleaning & Disinfecting

Manikin

Wash with warm, soapy water or clean with water soluble cleaners. Do not immerse. The foam in the chest will adsorb moisture and will not dry out. This will result in problems with biological growth; smell, germs, etc.

Mouth/Nose Pieces

Mouth/nose pieces are made for disinfecting and reusing. Follow the instructions below for cleaning each mouth/nose piece after each student use to prevent cross-contamination between students.

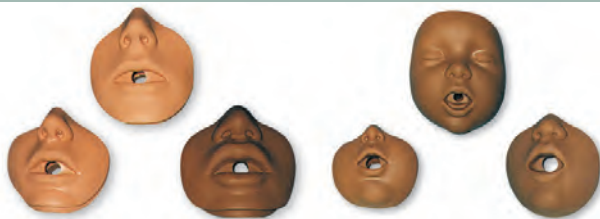
- Clean in mild, soapy water
- Rinse thoroughly
- Follow local CDC or Health Department regulations for disinfection protocols
- Dry before storing
- Do not use bleach full strength

The one-way valve on the airway/lung prevents cross contamination, but biological contamination requires that the airway/lung is disposed of at the end of the teaching day.



CPR MOUTHPIECE

CLEANING & DISINFECTING INSTRUCTIONS



Instructions for cleaning and disinfecting the CPR Mouthpieces, item numbers, 2023 (all versions), 2601 (all versions), 2223, 2082, 2162, 2068, 2083, 2162B, and 2069.

Clean & Disinfect

Steps:

1. Clean as usual with your local CDC protocol.
2. To remove from solution:
 - a. hold mouthpiece with the back of it towards the palm of you hand.
 - b. squeeze the cheeks.
 - c. pour cleaning solution from the hole in the mouth.
 - d. continue squeezing the mouthpiece and shake it vigorously 2 or 3 times to assist in removing excess moisture.
3. Place mouthpiece onto its cheek on a flat surface.
4. Let air dry 1 hour to ensure that the interior of the mouthpiece thoroughly dries.



Part Numbers

2271	Brad Jr.
2275	Brad Jr. with Electronics
2801	Brad with Carry Bag
2804	Jaw Thrust Brad with Carry Bag
2805	Airway/Lung System, 24 Pack
2023	Mouth/Nose Piece, 10 Pack
2526	Carry Bag with Kneeling Pads
2280	Airway/Lung System, 24 Pack
2023ETHNIC	Mouth/Nose Piece, 10 Pack
2023EXPORT	Mouth/Lung Pieces (nares open) Export, 10 pack

Return Policy

Should it be necessary to return an item for credit or for any other reason, contact our Customer Care Department to obtain an RGA Number. Please refer to your invoice number when phoning in your request for returning merchandise. Should you have any questions or wish further information on any product we manufacture, call or write our Customer Care 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. The warranty expressly does not cover abuse, accidental or purposeful damage, or any form of modification to the product. Simulaids® reserves the right to either 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. At no time will any product be accepted at the factory without proper return authorization issued by Simulaids®.

Freight and shipping charges are the sole responsibility of the end user. No product will be received with shipping charges due. Any product considered for warranty work must be identified by serial number and invoice number from the agency through whom the product was purchased. Without this information the product will not receive a return authorization number as required.

Do not allow print material to come in contact with the skin of your product. The ink will embed in the porous surface and be impossible to remove. Ink stains are not covered under warranty.



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