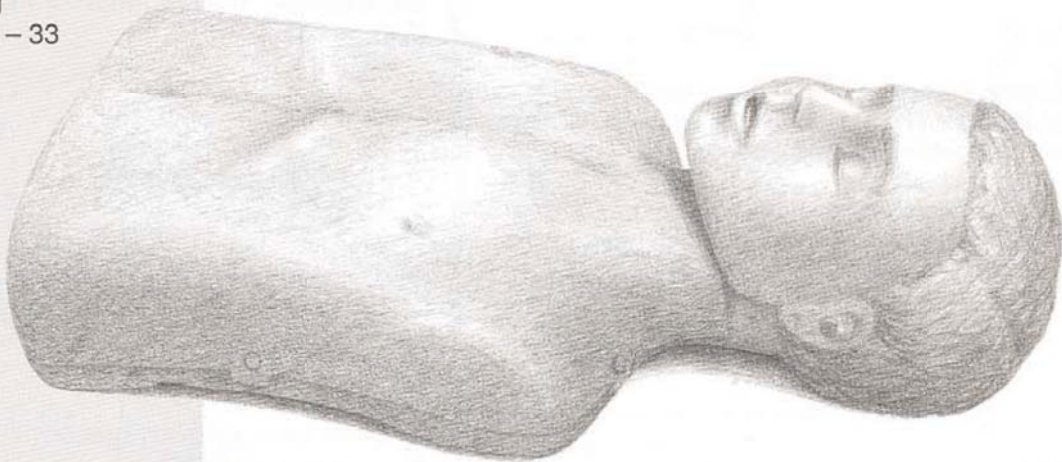


Little JuniorTM

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Limited Warranty

Laerdal Medical warrants to the purchaser that its product(s) is/are free from defects in material and workmanship for a period of one (1) year from the date of purchase by the original user. During the designated one (1) year period, Laerdal Medical will, upon receipt of a product found to be defective due to materials or workmanship from the purchaser and notification in writing of the defect at its option repair or replace any parts found to be defective or the entire product.

Products found to be defective and notification of defects may also be sent to the authorized Laerdal Medical dealer from whom the product was purchased. All postage, shipping, or handling charges shall be the sole responsibility of the purchaser.

Laerdal Medical is responsible for the effects of safety, reliability and performance of its product(s) only if:

- service, repair, readjustment or modification is carried out by Laerdal Medical or persons authorized by Laerdal Medical.
- the product is used in the proper manner in strict compliance with its Directions for Use.

Laerdal Medical shall not be liable under this warranty for incidental or consequential damages if unauthorized repairs or modifications have been made or attempted or when the product, or any part thereof, has been damaged by accident, misuse or abuse.

This warranty does not cover batteries, fuses, normal wear and tear, staining, discoloration or other cosmetic irregularity which does not impede or degrade product performance.

Some states in the USA do not allow the exclusion or limitation of incidental or consequential damages, so those limitations or exclusions may not apply to you.

There are no other express or implied warranties, whether of merchantability, fitness or purpose, or otherwise, on the product, its parts and accessories.

Service

Little Junior consists of several main components which have been designed to be durable and long lasting. All replaceable parts are field serviceable. Spare parts are identified in the illustrated parts list.

Since the Little Junior manikin is easy to disassemble and reassemble, all repairs can be accomplished by the manikin's owner. Should a problem ever occur, however, we will be glad to assist you.

Introduction

Little Junior has been developed to provide a cost effective alternative for CPR training programs. More manikins can be used in the classroom, increasing hands-on practice and active participation for the students. All necessary educational requirements have been maintained to assure quality training.

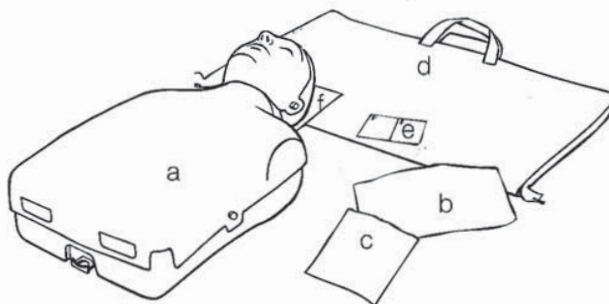
Each Little Junior model simulates a 5 year old child of average physiology and anatomy and is designed for realistic training of basic life support skills, primarily cardiopulmonary resuscitation (CPR).

Features included are:

- Natural obstruction of the airway
- Realistic facial features and a movable jaw
- Realistic compliance for ventilations and compressions
- Chest rise and fall with proper ventilations
- Realistic landmarks for compression point location
- Audible confirmation of correct compression depth
- Carrying bag opens into a training mat.
(Single pack only).

Unpacking

Some additional supplies are provided for your convenience. Included with your Little Junior manikin (Cat. No. 18 00 20) are:



- a) Little Junior with Compression Clicker
- b) 1 extra Junior Face
- c) 1 extra Junior Airway
- d) Carrying Bag/Training Mat
- e) 6 Resusci Manikin Wipes
- f) Directions for Use

The 4-pack Little Junior manikins (Cat. No. 18 00 22) are supplied with one Bag and one copy of the Directions for Use, otherwise the same accessories per manikin as listed above.

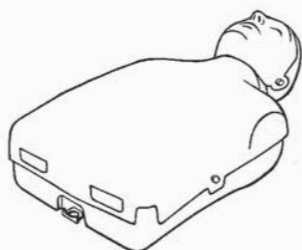
Instructions for use and maintenance

Remove the carrying bag from the plastic bag. Open the bag and lay it flat on the floor. This will now serve as a training mat. Little Junior is delivered fully assembled and ready for use.

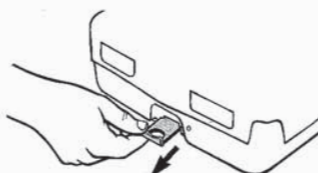
Using the compression clicker

Little Junior is supplied with a compression clicker that will confirm correct compression depth. When the clicker is "on", the student will hear a "click" when the torso is compressed approximately 1 inch (25 mm).

To use the clicker
The manikin is delivered with the clicker in the "on" (inner) position.



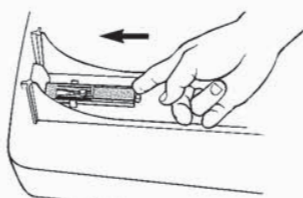
To disable the clicker
Pull out the clicker lever.



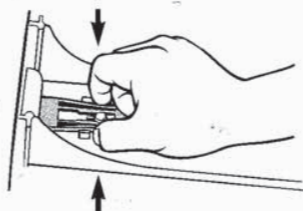
Note:
Always push the clicker lever to the "On"-position before repacking the manikin.

To change clicker

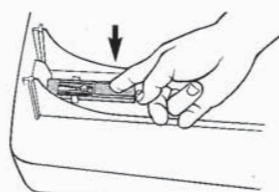
To remove
Open the chest cover.
Remove the rib plate.
Set the clicker in the "off" position (outer position).



Press together the sides of the clicker and lift it up. Push it out through the opening in the torso.

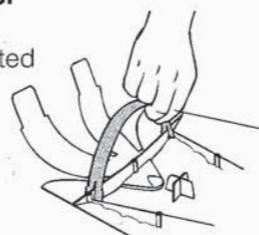


To install
Insert the clicker from outside (with the pad facing upward). Press the clicker down until it snaps into place.



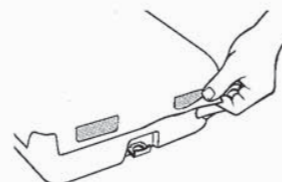
To change clicker activator

The clicker activator is located underneath the rib plate. It is fastened by snapping it in place over the edge and into the two holes of the rib plate as illustrated.



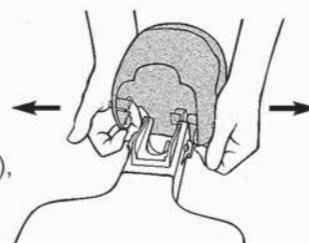
To change chest skin

Unhook the chest skin from its retainers.



To change head

To remove
When face, airway and jaw have been removed (described in "After class"), flex the lower edges of the head outward until the head can be removed.



To install
Position the manikin head on top of the neck. Make sure that the mounts in the head aligns with the pegs on the neck. Push the head down until it snaps onto the pegs.



To install the airway, face and jaw, see page 5.

Packing for transport

Place the manikin and extra accessories on one side of the mat.

Always push the clicker lever to the "On"-position before repacking the manikin.

Close the carrying bag.

When packing the 4-pack, position the manikins as illustrated.



SANITATION

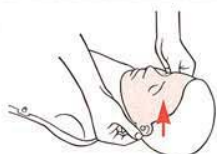
During class

Junior Face. We recommend you provide an individual Junior Face to each student. As an alternative the same Junior Face can be used by each student, and disinfected between each student's use.

Using the Junior Face on an individual basis

Each student in the class should install and remove his or her manikin face.

To remove



Detach manikin face at each ear.

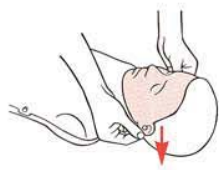


Lift manikin face off valve coupling.

To install



Turn manikin face inside out and push face coupling into airway valve.



Fasten manikin face to retainers at each ear.

Using the same Junior Face for all students

If several students are using the same manikin face, thorough disinfection between students is required.

Use a sodium hypochlorite solution prepared fresh for single class use, or Resusci Manikin Wipes



1. Tear open foil packet. Take out and unfold wipe. Thoroughly rub it over manikin's mouth, nose and mouth interior.



2. Wrap wipe snugly over mouth and nose. Leave in place for 30 seconds.



3. Dry manikin's face with a paper towel. Ventilation practice may now continue.

After class

Disinfection: Preparing the Junior Face for reuse

After class, a used manikin face can be disposed of or reused.

Note: Wear gloves* during the cleaning procedure.

To prepare for reuse:

1. Remove manikin face and detach the coupling from inside the face.
2. Clean and disinfect manikin faces.
 - a) Wash with soapy warm water - scrub interior surfaces vigorously.
 - b) Rinse with clean water to remove soap residue.



- c) Disinfecting solution - to disinfect the manikin face. A sodium hypochlorite solution freshly prepared for single class use is an effective and recommended disinfectant. This solution should have at least 500 ppm free available chlorine, i.e. 20 ml of 2.5 -5.0% household bleach per 500 ml of water. (For alternative disinfectants follow local policies). Submerge the parts in the disinfecting solution for at least 10 minutes.**
- d) Rinse with clean water to remove disinfecting solution residues.

3. Let parts dry.
4. Reassemble face coupling and manikin face.
5. Remount face on manikin after reinstallation of airway, or put it in a clean bag for future use.

* Use vinyl gloves. Latex gloves may stain manikin face.

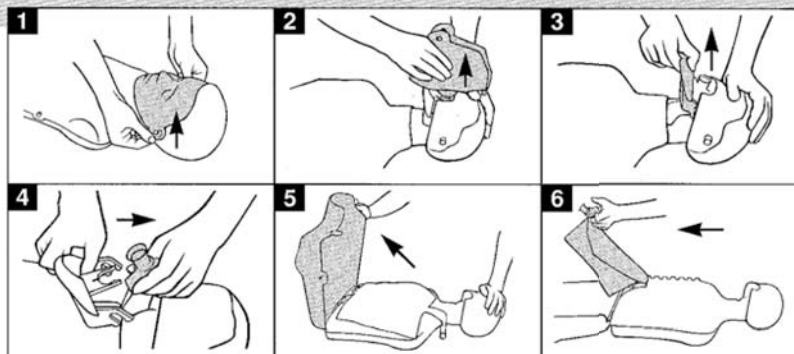
** As recommended by JAMA, the American Heart Association, and Centres for Disease Control (CDC).

Junior Airway

The Junior Airway is designed for disposal after each class

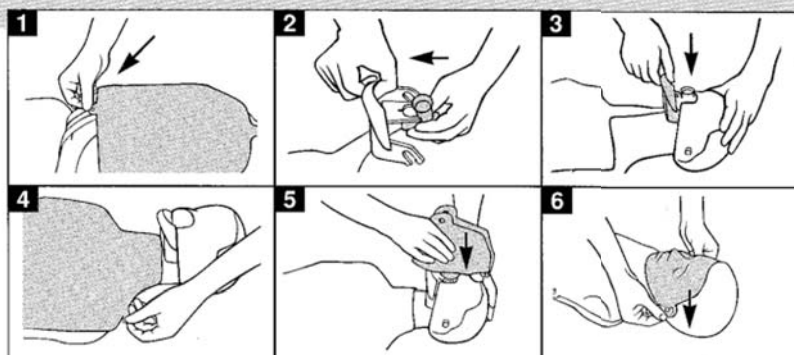
To remove

1. Detach manikin face at each ear.
2. Lift manikin face off valve coupling.
3. Remove jaw from posts in head.
4. Remove valve.
5. Open chest cover.
6. Remove used airway and discard.



To install

1. Lay lung flat on torso and attach to hook.
2. Snap airway valve onto jaw.
3. Reattach jaw to posts in head.
4. Fasten chest cover onto the four retainers.
5. Push face coupling into airway valve.
6. Fasten face onto retainers at each ear.



General manikin cleaning

Routine disinfection of the entire manikin is not required, but periodic cleaning of the head, torso, top skin, and training mat is recommended. These should be washed

with a warm soapy solution, and then rinsed with a clean damp cloth. Proper care will maintain the appearance and general condition of your Little Junior.

Parts

Models

- 18 00 20 Little Junior w/carrying bag
- 18 00 22 Little Junior 4-pack

Parts

- 18 45 10 Back section
- 18 45 20 Chest cover
- 18 45 21 Compression spring
- 02 01 11 Compression clicker
- 18 45 23 Clicker activator
- 18 45 25 Rib plate
- 18 30 21 Head
- 18 30 22 Jaw
- 18 41 20 Directions for use
- 18 38 20 Carrying bag
- 18 38 30 4-pack carrying bag

Accessories

- 18 32 10 Airway complete, pkg. of 25
- 18 32 11 Airway complete, pkg. of 100
- 02 03 10 Valve complete, pkg. of 50
- 18 32 20 Filter & Lung, pkg. of 100
- 18 30 10 Junior face pkg. of 6
- 18 30 11 Junior face pkg. of 36
- 15 24 00 Resusci Manikin wipes, pkg. of 50
- 15 24 01 Resusci Manikin wipes, pkg. of 1200

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