



...going one step further



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BASICBilly™ is a Cardiopulmonary Resuscitation (CPR) training model for the education of non professionals. The simulator is compliant with the latest CPR guidelines (AHA and ERC). Thanks to its robust construction, its easy use and realistic handling, it is suitable for both medical training and for teaching in schools, clubs and for first aid courses.

It offers all the necessary features to learn about the life-saving algorithm, comprising of cardiac massage and ventilation for adults and children. Its features are:

- Torso with shoulders and the necessary anatomical features to find the ideal pressure point for cardiac massage
- Head with airways for mouth-to-mouth and mouth-to-nose ventilation
- Head tilt to open the airways
- Mask ventilation is also possible
- Realistic thoracic spring force and the required compression depth of 5 cm prepare the trainee for the situation with a real person
- Using two springs with differing levels of spring force to demonstrate algorithms for both adults and children
- An audio feedback indicates that the required compression depth has been reached
- Low-priced disposable airways ensure hygienic use and easy care of the mannequin
- The materials used meet the DIN EN 71-3/9 Toy Safety Directive
- **BASICBilly™** is developed and manufactured in Germany

1 **BASICBilly™** consists of

- 1 Basic body with removable thorax
- 2 Springs (red = adult; green = child)
- 2 Telescopic guides (red = adult; green = child)
- 2 Face skins
- 1 Thorax skin
- 2 Sets of jaw insert + lung bag socket
- 10 Lung bags (5 = adult; 5 = child)
- 1 Disinfectant
- 1 Carrying bag with combined training mat

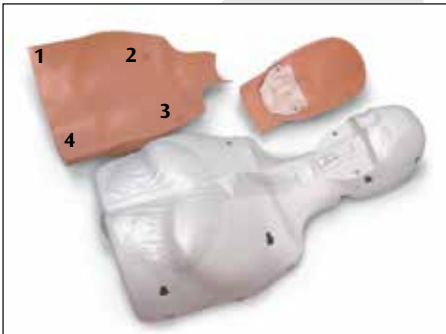
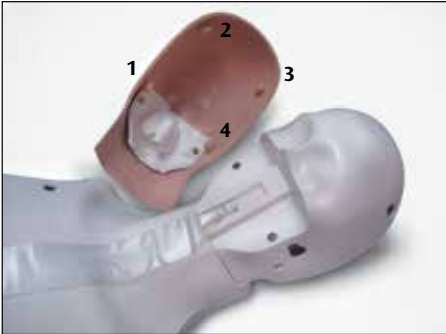


2 Assembly

2.1 Changing the springs

BASICBilly™ can be used in adult or in child mode. To do this, change the springs to alter the thorax resistance for cardiac massage, and change the lung bags for artificial ventilation.

- Place the **BASICBilly™** on a flat, even surface.
- First of all, remove the face skin by releasing the attachments 1, 2, 3 and 4. To do this, pull down on the button tabs on the skin at the designated points:



- Do the same for the torso skin.
- Once the press studs placed around the white thorax have been undone you can remove the skin.
- Place the springs (red = adult ; green = child) into the holder and fit the telescopic guide (red point = adult; green point = child).
- To assemble the torso, do the above in reverse order. To put on the thorax, first of all tilt the head back and push the neck piece of the thorax forward before fixing it in place.



2.2 Changing the lung bag

- Place the **BASICBilly™** on a flat, even surface.
- Remove the face skin first of all by releasing the four attachments. To do this, pull down on the button tabs on the skin at the designated points:



- Do the same for the torso skin.
- Remove the jaw insert that is attached with magnets and take off the lung bag socket inside.



- Now, pick up one of the lung bags provided.
- Push the upper end of the lung bag (start of the simulated trachea) over the round opening of the lung bag socket (make sure, that the lung bag aligns with the flat surface of the lung bag socket).
- Place the jaw insert on to the lung bag socket (the magnets will help to reconnect easily).
- Tilt the head back and reconnect the jaw insert (complete with lung bag and lung bag socket) with the head. While bringing the head back to initial position, make sure to flatten the lung bag over the thorax.
- Then attach the torso skin, followed by the face mask, with the button tabs (see above).

3 Cleaning and care

All parts that come into contact with the trainees breath, such as the face masks, jaw inserts and the lung bag sockets can be disinfected with the disinfectant supplied.

The disposable airways (lung bags) also ensure that the simulator is particularly hygienic to use. The disinfectant provided has been tested with the simulator material. We recommend to use our tested disinfectant (#1013579), to prevent any damage to the product.

4 Possible exercises

- **Freeing up the airways**

Head tilt to open the airways.

- **Finding the compression point**

Realistic anatomical characteristics ensure that the correct compression point can be easily found.

- **Compression depth**

An audio feedback indicates that the required compression depth has been reached this varies according to which spring has been chosen (red = adult; green = child).

- **Ventilation**

Ventilation can be carried out as mouth to mouth, mouth to nose, or using a ventilation mask (can be ordered separately #1013678). If done correctly, the skin on the thorax will rise visibly.

5 Product information

Size: L59 x H15 x W32

Weight: 2.4 kg

Avoid storing the device in direct sunlight.

6 Guarantee and Certifications

3 year guarantee, but not for consumables and worn parts.

7 Consumables, accessories and replacement parts

Product	Article n°	Quantity per Set
Lung bags, Adult	1013573	25
Lung bags, Adult	1017695	75
Lung bags, Child	1013576	25
Lung bags, Child	1017696	75
Spring 340N (red), Adult	1013577	1
Telescopic guide adult	1017699	1
Spring 280N (green), Child	1013578	1
Telescopic guide child	1017700	1
Resuscitator with 1 disposable Face Mask	1013678	1
Disposable Face Masks	1013677	5
Disinfectant- 40 gr. bags	1013579	1
Face skins	1013582	5
Face skins, dark	1018563	5
Set Jaw insert + Lung bag socket	1017698	1
Thorax Skin	1013587	1
Thorax Skin, dark	1018564	1
Carrying bag with combined training mat	1018565	1



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