

# PUMANI

## bCPAP

A low-cost respiratory device for newborns and children

Now available for sale worldwide

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## Design

The Pumani bCPAP delivers a blended flow of oxygen and room air to infants in respiratory distress.

[Specifications](#)
[Brochure](#)
[Catalogue](#)


## Features

**Low-cost**  
The Pumani costs approximately **1/15th** of the price of bCPAP devices in the developed world.

**User-friendly**  
Clear labels on front panel of the Pumani allow for simple use. A new user can be trained to operate the Pumani in **less than one day**, and a user manual and training videos are included with the system.

**Highly Effective**  
The Pumani provides the **same therapeutic pressure** as bCPAP systems in the United States.

**Simple**  
The Pumani consists of a flow source, a pressure source, and patient tubing. The flow comes from an air pump, and the pressure is provided by a water bottle.  
  
Read more about our end cap design [here](#).

**Adjustable**  
The Pumani is capable of delivering flow from 5 to 10 L/min and pressure from 5-8 cm H<sub>2</sub>O. Adjusting these settings is as easy as turning a knob or filling a water bottle. The device also has the ability to blend room air with oxygen from a concentrator or oxygen tank.

**Durable**  
The Pumani is designed to run for **years at a time**, and includes a spare parts kit for simple, annual maintenance.

## Components

One Pumani bCPAP package comes with the following items:

- 1 Pumani bCPAP device
- 2 Bottle (1)
- 3 Power Cord – UK Plug (1)
- 4 Hat Clips (6)
- 5 End Cap (3)
- 6 Patient Tubing (3)
- 7 Variety of Nasal Prongs (6 prongs, sizes 0-5)
- 8 Bottle Tubing (1)
- 9 Hats (3 hats, size small, medium, large)
- 10 Spare parts kit (not shown)
- 11 User Manual and Repair Manual (not shown)
- 12 Online Training Videos and Materials (not shown)

Additional accessories can be purchased separately from the package.

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Pumani means 'breathe easy' in Chichewa, the language of Malawi.

## Pumani Clinical Study

In 2012, results of the [Pumani clinical trial](#) conducted at Queen Elizabeth Central Hospital (QECH) in Blantyre, Malawi, showed that use of the Pumani to treat neonatal respiratory distress resulted in 27% absolute improvement in survival, as compared to patients treated with oxygen therapy.<sup>2</sup>

### Survival Rates for Neonates with Respiratory Distress

Oxygen Therapy

44%

Pumani bCPAP Therapy

71%

## Impact

Pumani units have been distributed to over 30 countries worldwide. Learn more about Pumani's impact [here](#).



## Interested in the Pumani bCPAP?

To receive a quote, please complete the [Request a Quote Form](#)

For all other Pumani questions, please email us [here](#).

Hadleigh Health Technologies is an [ISO 13485 registered company](#) and is a subsidiary of [3rd Stone Design, Inc](#), located in San Rafael, CA. We partner with organizations around the world to develop affordable, appropriate health technologies for low-resource settings.



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