

RJN
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groovtube

The ultimate device to teach breath control
and oral motor skills for all ages.

The GroovTube is a unique device for training breathing and oral motor skills. Because the breathing patterns are visualised and analysed, the GroovTube can be used as a therapy aid.

The GroovTube connects wirelessly to the iPad using Bluetooth Smart. Its use is simple: inhale or exhale into the mouthpiece of the GroovTube, and airflow is recorded and converted into visual effects in an app specially developed for the purpose.



Pauline

I like the app Fairhammer the most. The online respiratory therapy sessions were very nice!

Hardware

The hardware consists of a wireless input device (Bluetooth® Smart). In addition, several mouthpieces are available. You can hold the GroovTube in your hands, or you can place it on a tripod.

Apps

There are several apps for different purposes and different ages. You can download them for free in the App store. The apps have various training levels and game elements. This is to make the exercises challenging, and increase the motivation of the user. Eight apps are already available.

View instructional videos on
www.groovtube.nl



With the GroovTube, both expiratory and inspiratory muscle strength can be trained in a purposeful manner, whereby the child stays motivated by the visual and auditory feedback on the iPad.

Physiotherapist Irma

groovtube

The GroovTube was developed at the initiative of
Rijndam Rehabilitation Institute, in collaboration with
the assistive technology company AudioRhoo.

Contact & Sales:

AudioRhoo, Ruud van der Wel
Marskramer 17, 3161 ND, Rhoo
The Netherlands

Phone: +31 (0) 650 574 970
E-mail: info@groovtube.nl



www.groovtube.nl

For whom?

The device is suitable for breathing training and oral motor training and can be used in a therapeutic setting as well as at home. In rehabilitation institutes the GroovTube is used in respiratory therapy, speech therapy, occupational therapy and physiotherapy. But also for people who are recovering from COVID it can be useful to practice with the GroovTube.

In practice

In practice, the use of the GroovTube makes the patient aware of his respiration. Respiratory muscle training can result in maintaining better condition of the lungs, and a better cough in children with neuromuscular disease.

BCA (Breath Controlled Apps)

The apps provide several possibilities and levels of training for breathing techniques, among others:

- enhancing conscious inhaling and exhaling;
- visualising the intensity of inhaling and exhaling;
- teaching a rhythm for inhaling and exhaling.

Visual feedback of breathing provides a major enhancement of the training effect of exercise. The element of play gives extra motivation to the patient. Reward is instantaneous.



The mouthpieces are interchangeable, so each user can use their own antibacterial mouthpiece.



New! The PEP app

This app is a smash hit!

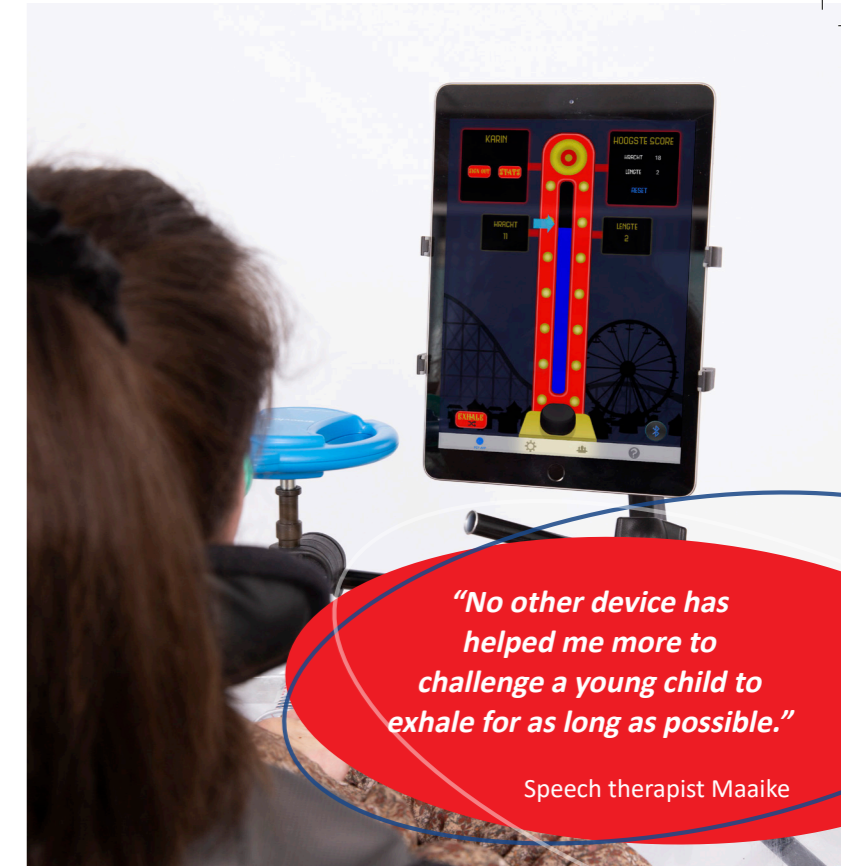
It makes daily practice with the PEP* mask more fun and more effective. Clients understand faster what the intention is. The visual and auditory feedback provided by the app significantly improves the PEP technique.

**Positive Expiratory Pressure*

Instantly get started with the starter pack

When you purchase GroovTube you can start immediately. Download the free apps from the App Store and connect the GroovTube with the iPad. The starter pack includes:

- 8 Antibacterial filter mouthpiece
- 3 Extender mouthpiece (GT03 GT04 GT05)
- AC adapter
- Manual
- Robust storage case
- 10 storage containers for filters



"No other device has helped me more to challenge a young child to exhale for as long as possible."

Speech therapist Maaïke

Discover all the apps in the App Store. Let's introduce the first 3 apps:



GroovTube

Choose your own picture then warp it with your breath. Adjust the strength and duration to adjust the difficulty.



FairHammer

FairHammer This app is based on the funfair game 'High Striker'. Inhaling or exhaling will move you closer to ringing the bell at the top of the machine.



BilliardBreath

BilliardBreath Breathing strength is used to move billiard balls, but skill is needed too. This will increase breathing awareness (biofeedback).