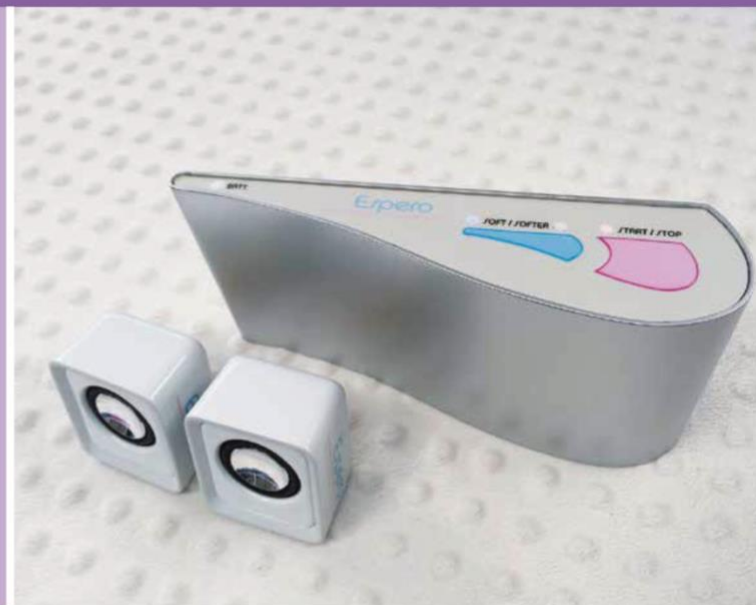


## Espero<sup>®</sup>

### "The Breath of a New Life"

Sophisticated Music Therapy for Premies

by Tibor Levay



## Performed on Espero

### Its Purpose

- Espero is a tool that is used to stabilise and improve premature baby's results straight after each Care procedure, and or when their results indicate that they are stressed.
- An effective, noninvasive aid in addition to the treatments in NICU's and at home.

This therapy was researched, developed and created in perennial detailed work in collaboration with Prof. Dr. Christoph Vogtmann, the University Hospital Leipzig and the Harlachinger Clinic Munich, Germany. The Statistical Analysis of Clinical investigations have registered the follow results:

- Increase in oxygen saturation
- Reduced number of SpO2 Drops
- Stabilise the Heart Rate
- Stabilise breathing

Detailed results of the clinical studies are available on:  
[www.premiemusictherapy.org](http://www.premiemusictherapy.org)

From 2003 till present, this therapy is utilised with small audio systems and CD players, in German, French and Dubai Clinics and Hospitals. Since the demand emerged for a professional medical solution, we've developed Espero.



## Preemie Music Therapy



# Espero



- **Play mode:** Red LED
- **Volume:** Soft (LED Blue) Softer (LED Green)
- **Battery:** Red LED to be recharged  
Green LED = fully charged
- **Battery type:** 9 V Longlife cellphone Batt. 3400 mA
- **Weight:** Audio Unit 400 g, 2 Speakers 125 g
- **Dimensions:** L 18 cm x H 9cm x 4,5 cm
- **Designed in Germany**

**The Most Important Benefit** was measured on the SpO2. With the music therapy the SpO2 drops are significantly minimized. The drops in oxygen saturation is responsible for the well-known damages. Our diagram (chart 2) shows 60 hours of occurred drops in saturation as well as their depth measured in percentage of saturation. (Apnea)

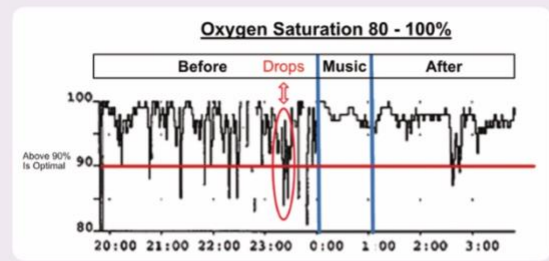


Chart 1

**Espero** is an audio payback system, which hosts our music therapy "The Breath of a New a Life", designed for application in NICU's. Easy to install and use. The unit can be mounted on a norm-rail at the treatment system in the immediate vicinity. The passive shielded loudspeakers (radiation free) are placed in the incubator or in a open incubator behind the head of the child in the two corners. They act as a harmless operational system.

Especially after interacting with the child, for example after nursing care, this therapy is helpful in order to calm the child again quickly. (see chart 1).

The system and the components can be wiped with disinfection in accordance with the valid hygiene plan.

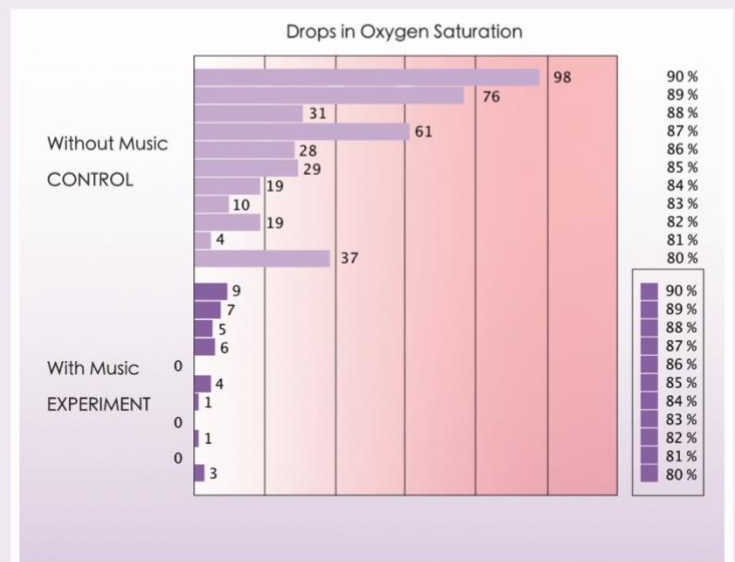


Chart 2

## Distribution:

### TLM

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Our internal quality policy commits us to continual further development and product improvement. We therefore reserve the right to make alterations to products or their performance features without prior notice.

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