



SOUNDSORY®

What is Soundsory?

SOUNDSORY® is a Multi-Sensory Home-Based Program.
It helps improve motor and cognitive abilities.

The program consists of specially designed music processed with neuro-acoustic modifications as well as a series of movement-based exercises.

The program is:



30 minutes a day



for 40 days



Who can Soundsory help?



SOUNDSORY® is designed to be safe and effective.
It can help people with:

- Motor delays, Balance and Coordination
- Autism spectrum and Developmental delays
- Sensory and Auditory processing disorders
- ADD and ADHD

- ★ From age 3+
- ★ Senior people

The concept behind the product: Neuroplasticity



At any age, the brain can change itself and create new connections throughout specific and repeated stimulation.

The SOUNDSORY® program is designed to capture brain attention and provide strong, multi-sensory stimulation. It helps the brain reorganize itself by forming new neural connections.

Neurons and neural connections can grow throughout the human lifespan. Soundsory helps the brain to develop new connections.

The program: 30 minutes per day

The Rhythmic Music Program

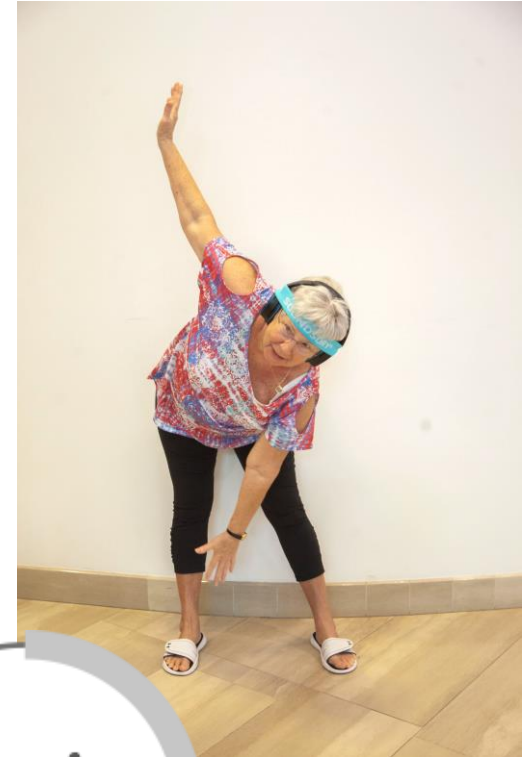
- Specifically composed to **emphasize rhythm and to activate body movement**
- Electronically processed using a patented dynamic filter to create specific sound contrasts
- Music delivered both through air and bone conduction to deliver a unique stimulation of both the auditory and vestibular systems.
- Music is rhythmic music, varies from: BACH, HAYDEN, STRAUSS, MARCHES, CHILDREN SONGS, GOSPEL, JAZZ, LATIN music
- There are 9 tracks and an additional 2/3 tracks that are paired with exercises
- Each song lasts long enough for the brain to get used to the rhythm but is short enough to avoid habitual processing.
- Each day is organized so that specific tempos change several times in order to challenge the brain, which creates plasticity.



The program: 30 minutes per day

The Body Movement Exercises

- **25 minutes of listening, 5 minutes of exercises:** these exercises are available on our website via videos
- **Easy to adapt** to meet the needs of your individual client
- Specially designed to focus on 3 different aspects:
 - **Somatic movement**
 - **Timing and rhythm control**
 - **Balance and spatial judgment**
- **Exercises:**
 - **Reflex Integration**
 - **Jumping and coordination**
 - **Left/right exercises**
 - **Cerebellum**
 - **Vestibular/Proprioceptive**
 - **Fine motor coordination**
 - **Vision**
 - **Auditory**



Learning starts with the body, and by strengthening these foundational sensory motor skills, we consequently see improvements in more complex cognitive functions that help to support learning.

The technology

Air and Bone Conduction

SOUNDSORY® uses two different types of sound processing, both air and bone conduction, to stimulate the brain.

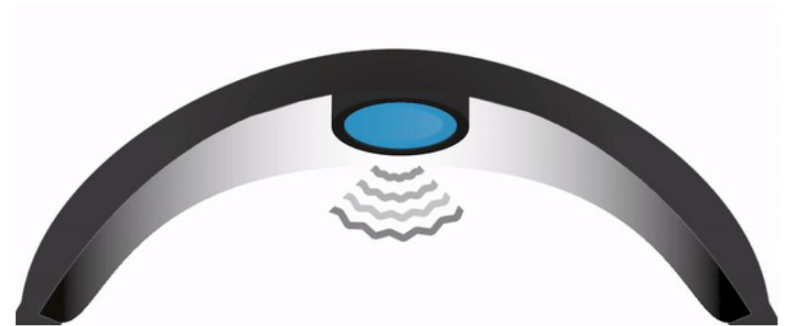
Air conduction

The sound, which comes from the air canal, arrives at the tympanic membrane before reaching the inner ear and being transmitted to the brain.



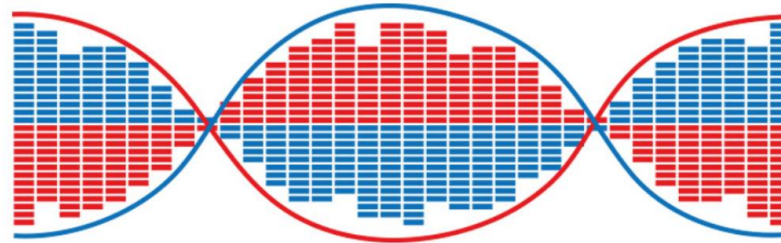
Bone conduction

The sound is directly transmitted to the inner ear without passing through the tympanum. **Transmission by bone is naturally 10 times faster than the air canal.**



This dual transmission of the sound in two times will therefore educate the brain to correctly analyse the sensory sound message.

The technology: The Dynamic Filter



SOUNDSORY® Patented Dynamic Filter

SOUNDSORY® transmits the music with sudden changes of tonal contrasts triggered by timbre and intensity.

These contrasts are not placed by chance but triggered to **facilitate the integration of the Rhythm of Music**. Because the music is very rhythmic with predictable variation of intensity, it is easy for the brain to anticipate those sound contrasts and **creates confidence and satisfaction**.

In addition, these contrasts are designed to **promote** the transmission of **high-pitched sounds**. These sounds activate the vast majority of the sensory cells that are sensitive to sound. They therefore have a strong **stimulating effect on the ear and brain**, retraining the ear to perceive clarity of sound and auditory processing.

Applications: at home usage

The headphones include the music listening program.
The exercises are available via video on the website.

Organizing the sessions:

The sessions should be followed when the user is calm and relaxed.

We encourage users to be creative whilst listening to the music: drawing, dancing, walking, painting, jigsaw puzzles, Lego building... We do not recommend using screens, driving or chewing.

Who?

Soundsory can be used as early as age 3 (fontanelle needs to be closed).

Soundsory is not recommended for people with: Parkinson's disease, Brain seizure, Chronic Muscle Spasms, Tinnitus, Meniere's disease.

Soundsory is a great complement to a therapy. A professional can easily adapt the protocol and exercises so that they fit best to the user's profile and needs.

Applications: during therapy

Who can use Soundsory?:

- Occupational Therapists
- Physical therapists
- Speech Therapists
- Psychologists

During therapy sessions

- Great tool to use to complement your OT/PT/ST sessions.
- Between therapy session to boost growth and progress
- Great way to start a session to get clients alert and moving

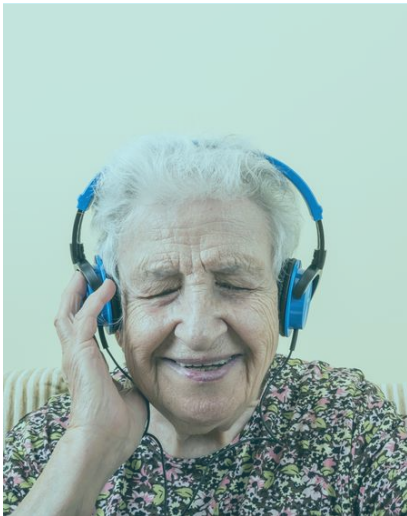
Activities:

- Move, Modify, Adapt!
- Not everybody will be able to do every exercise the same way
- You the therapist can create your own modifications

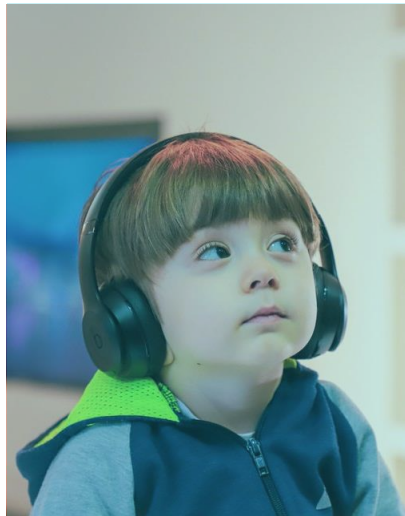
Example: <https://www.youtube.com/watch?v=u45hSFtXfek&feature=youtu.be>

Research

SOUNDSORY® inherited from years of knowledge, research and technology thanks to the TOMATIS® Method, a neurosensory stimulation technique used in over 2000 therapeutic institutes and language centres in over 70 countries. The designers of SOUNDSORY are the owners of the TOMATIS method. The design of SOUNDSORY originated from the conclusions of numerous scientific studies, some of which you can find [here](#):



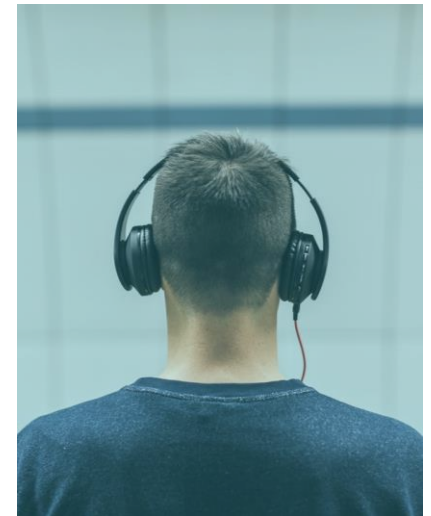
Effects of Auditory Training on Cognitive Function in Patients with Stroke: [here](#)



The Effect of Sound-Based Intervention on Children with Sensory Processing Disorders and Visual-Motor Delays: [here](#)



Effectiveness of Listening (Auditory) Therapies on Sensory Processing Disorders: [here](#)



Is it possible to improve hearing by listening training? [here](#)

Today, the Soundsory program itself is the object of new scientific studies.

Bluetooth Mode

SOUNDSORY® can also be switched to Bluetooth mode and be used as a classic pair of headphones!

- Microphone included – can be used for phone calls
- Bone-conduction is automatically switched off in Bluetooth mode



The Company



SOUNDSORY® is a product of **SOUND FOR LIFE Ltd**, a HK based Company specialized in the development of products to support cognitive abilities and learning skills.



SOUNDSORY® inherited from the knowledge and technology of the **TOMATIS®** Method, a neurosensory stimulation technique used in 1500 therapeutic institutes and language centers in over 70 countries.



Sound for Life also designed **Forbrain**, an award winning technology recommended by thousands of SLP's and OT's to improve attention, memory and language. It creates an enhanced auditory-feedback loop, and auditory processing is improved using this natural process of auditory feedback. Forbrain can be used in complement to SOUNDSORY®.

www.SOUNDSORY.com



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