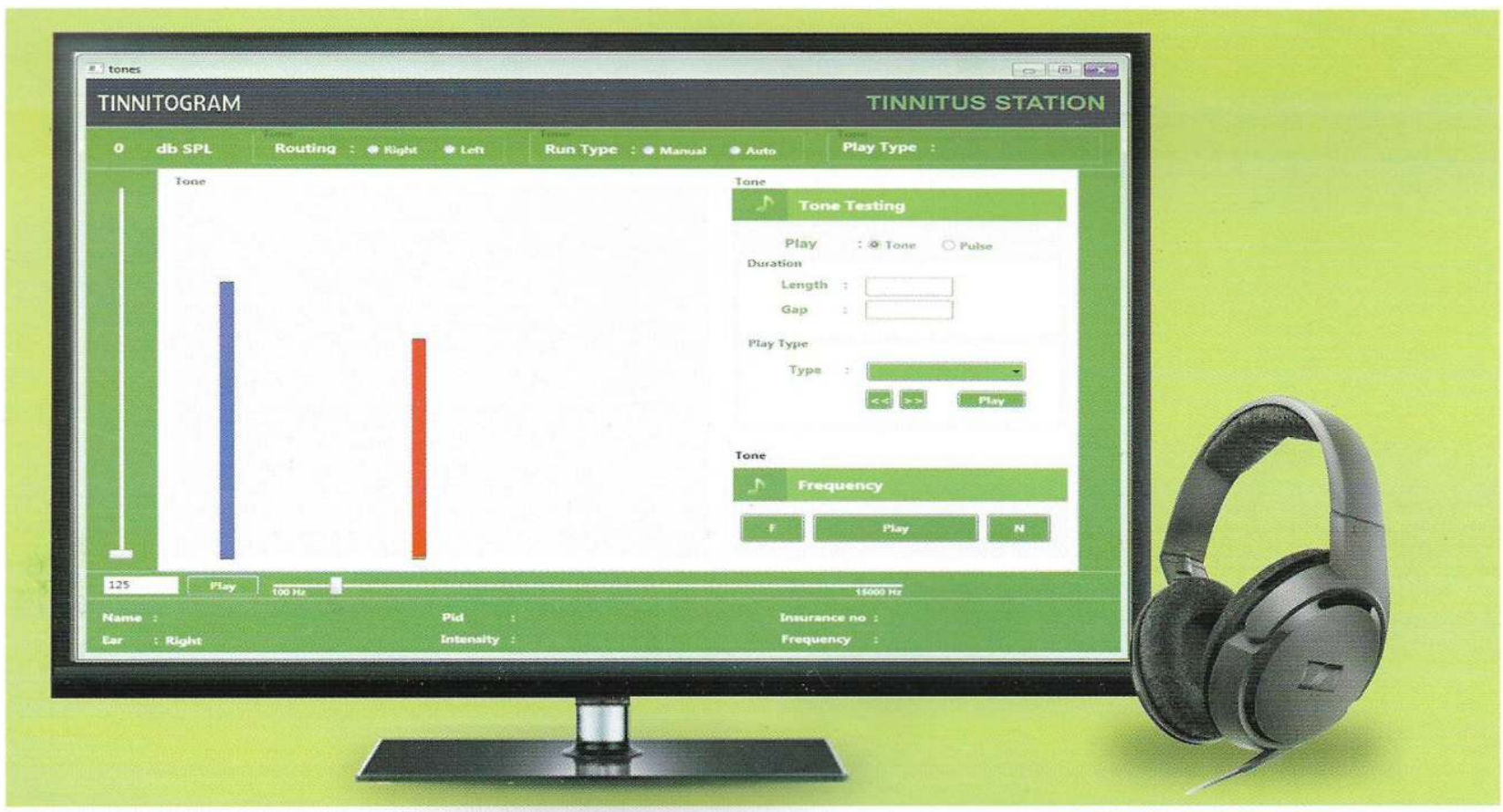
TINNITUS TRIO STATION





WAKE UP WHEN YOUR EAR RINGS ...!

Your Tinnitus,Our Assistance

UNDERSTANDING TINNITUS



What is Tinnitus?

Tinnitus is the perception of sound when no actual external sound is present".

-American Tinnitus Association

The sensation of sound without external stimulation".

- ANSI-American National Standard Institute

"The sensation of sound not brought about by simultaneously applied mechano-acoustic or electric signals".

- CIBA Symposium

Tinnitus can manifest many different perception of sound, including buzzing, hissing, whistling, swooshing and clicking. Tinnitus can range from very low frequency to very high frequency, consists of multiple tones or noises (having no tonal quality at all). It most often is constant. It can be perceived as pulsed or intermittent,and it may begin suddenly or gradually. It can be sensed in one ear or both ears or in the head.

You may think tinnitus as hearing air escaping, water running the inside of a seashell or strange musical notes.
Constant or recurring tinnitus is stressful and makes it harder to focus or sleep.
There are currently no **FDA approved Drugs** specifically for Chronic Tinnitus.

Tinnitus can be stressful as it is difficult to describe, predict and manage

TYPES & CAUSES : SUBJECTIVE AND OBJECTIVE TINNITUS

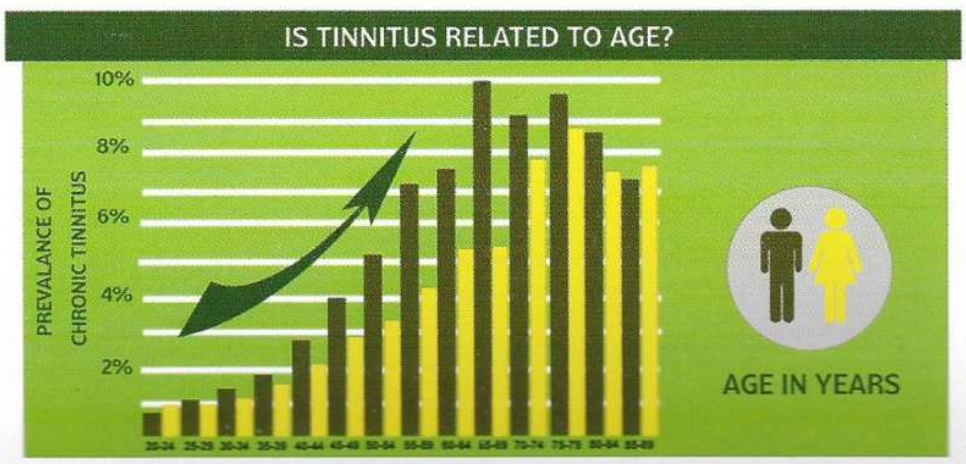


- Exposure to loud noise
- A side effect of medication
- Ear or head injuries
- Diseases of the ear
- Ear infections
- Emotional stress

IS TINNITUS COMMON PROBLEM ?

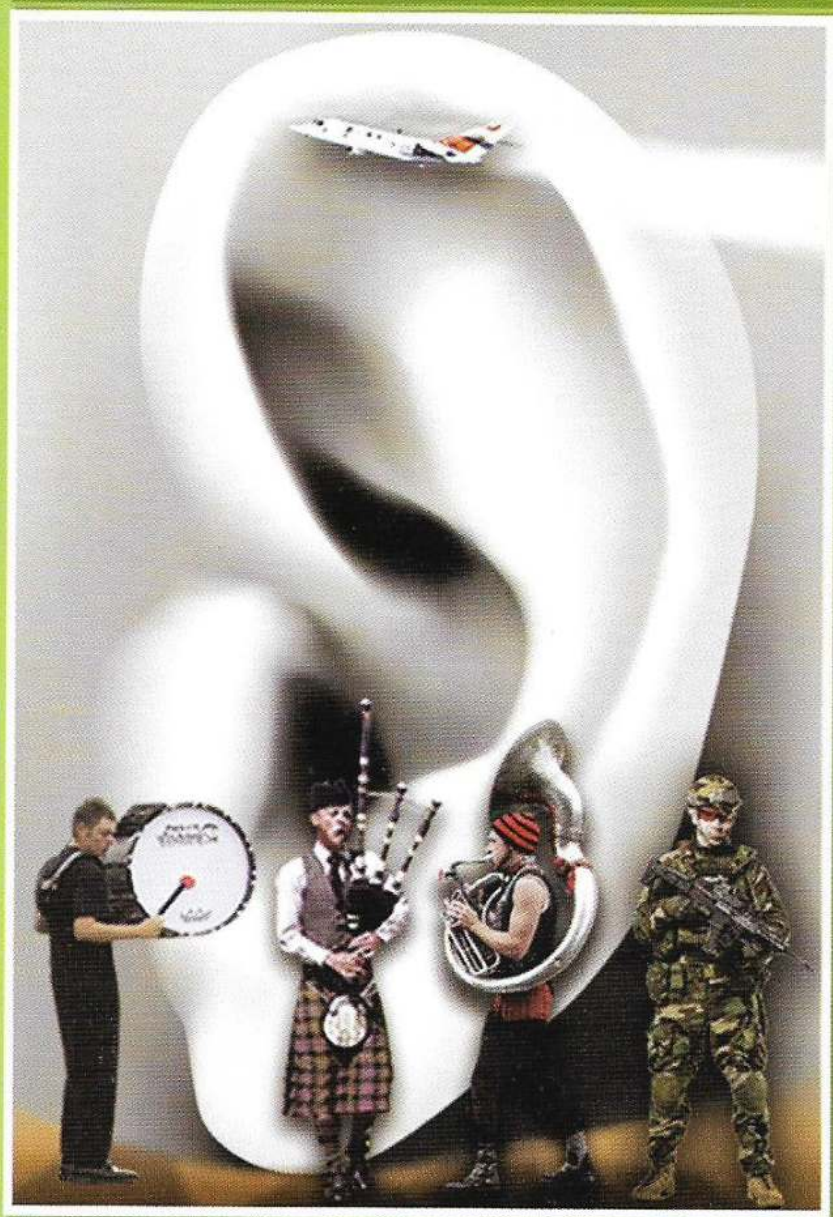


IS TINNITUS RELATED TO AGE?



AWARENESS & CLINICAL SERVICES

They are your ears protect them



A Split second of Blast and a Lifetime of Head noise

Do you know?

One in seven people worldwide are suffering from Tinnitus. 5 to 10% of people experience mild Tinnitus at some time in their life. Various studies show that 50% of those with Tinnitus are over the age of 40, 60% experience poor sleep and 50% face a reduced quality of life.

About 3 million people in UK experience severe and persistent Tinnitus that affects their lifestyle.

20 million people in USA struggle with burdensome chronic Tinnitus, while 2 million people have extreme and debilitating Tinnitus.

Tinnitus is the most common service related disability for veterans, resulting in more than TWO BILLION DOLLARS in annual disability payments by the United States of America, Dept. of Veterans Affair.

3 MILLION GOOGLE HITS

TINNITUS CLINIC

We Design and Develop. We offer software and Training, Support , Service . The Pivot of your Clinical Practice of Tinnitus.Adding a great Tool to your Health care Unit.

We offer packages for running Tinnitus Speciality Clinics

Contact us.

INSURANCE COVERAGE

Software based on insurance specifications around the world.

CPT code for Tinnitus Assessment Tool – 926255

Tinnitus Treatment, Patient Education - 98960

Tinnitus masking device 92590 and 92599

TINNITUS ASSESSMENT TOOL



Tinnitus testing in satisfactory conditions at low, mid and high frequency is mandatory. Our Tinnitus Assessment Tool uses Algorithm Software Technology starting from 100 Hz to 15000 Hz using special high frequency headphones.

With a choice in procedures for Pitch and Loudness Matching

- 2AFC (Alternate Forced Choice)
- Direct Selection of Frequencies
- Octave Frequency Sweep
- Octave Confusion

Comphrensive Tinnitus Tonal Audiometry from 100 Hz to 15000 Hz

- Loudness Matching
- Pitch Matching
- Minimum Masking Level
- Residual Inhibition

The software offers sample sounds as well to match and better understand your Tinnitus.

Software Highlights

- Numeric storage and visualization of Tinnitus Audiometry.
- Plots multiple results on the same graph for comparisons as future follow up and programming Tinnitus Hearing Device.
- Monitors Tinnitus frequency shift as well as loudness shift.
- Index Management: Refines customised result and summary indices.
- Data Manager for Documentation: Customised look and feel of graphical output.
- Change Log: Log system keeps track of the user which has made specific changes at specific time.

TINNITUS TRIO HEARING DEVICE



Centuries have baffled scientists and patients with Tinnitus. We are at a point with conceptualised Algorithm Tinnitus Management Software in an ANDROID platform which has dual purpose; phone as well as device.

A new Smartphone software application called Danaah **Tinnitus Trio Hearing Device** is designed to function like wearable Acoustic Generator with Three applications on an ANDROID platform. These applications serve the varied Tinnitus management functions.

As all Tinnitus sufferers have varied parameters of sound, this personalisation of software applications technology serves the best purpose to each user.

Tinnitus Trio is a Combination of CMM ,CMT & CMN



- **Composite Modulated Music (CMM)**
- **Composite Modulated Tones (CMT)**
- **Composite Modulated Noise (CMN)**
- **Composite Modulated Environmental music**

Flexible Software Management that connects to your Tinnitus frequency (with tones/noise/music).

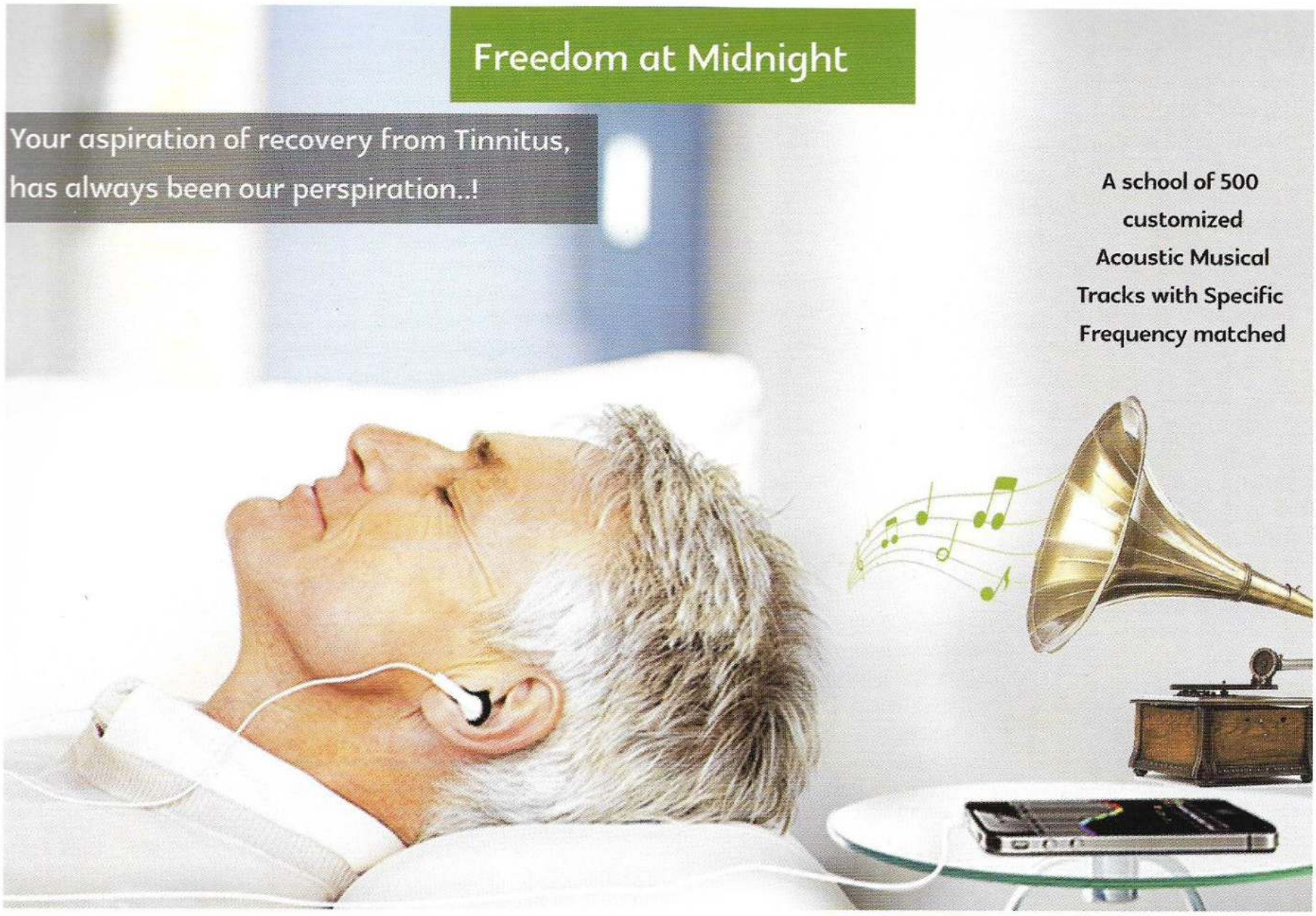
Tinnitus trio is a complete package for Tinnitus combining the best of evidence based practices in the Industry.

Tinnitus is nonauditory internal sound, but patients can use real, external noise to counteract their perception and reaction to tinnitus

TINNITUS STATION brings signature technologies for the management of Tinnitus with:
Tinnitus Assessment Tool (TAT) and Tinnitus Trio Hearing Device.

Concepts and Technologies Fuse Applications

FREEDOM AT MIDNIGHT



Don't be awake when the world sleeps. Tinnitus musical training supplements your sleep - A specialised feature from Tinnitus Trio.

Mapping a new network through CMM, CMT & CMN

A School of Acoustic interactive programmes

Why include CMM?

The Easy listening module provides you with a range of pre-installed soundtracks that help you drift your mind away from the buzzing in your ear and dodge any negative thoughts and stress associated with the same. The music used is chosen by the examiner, but has the tones of the users Tinnitus symptoms filtered out. Again, the goal is to get the participant to recognise and use the tones close to the frequency of their Tinnitus symptoms. Learning to hear and use these tones will help the "FILL IN THE GAPS" and eventually mobilise to overtake the Tinnitus tone. This is the essence of Neural Plasticity.

Neural Plasticity:

Neural Plasticity is the ability of the brain to get remodulated using sounds to retrain the Brain. Participants' brains will be trained to identify and discriminate between the pitch of their Tinnitus symptoms and pitches close to it. 500 customised musical tracks.

Why CMT?

CMT is a well-established technology for Tinnitus management. It works on the principle of reducing pathologically enhanced Neural Synchrony within the primary Auditory Cortex through acoustic delivery of a combination of tones centred on your Tinnitus' Characteristic Frequency. These algorithms, over time, help to unlearn the perception of Tinnitus through the process of adaptation and relaxation. Acoustic tonal modulation from 100 Hz to 15000 Hz with deciphering frequency changes around the characteristic center frequency.

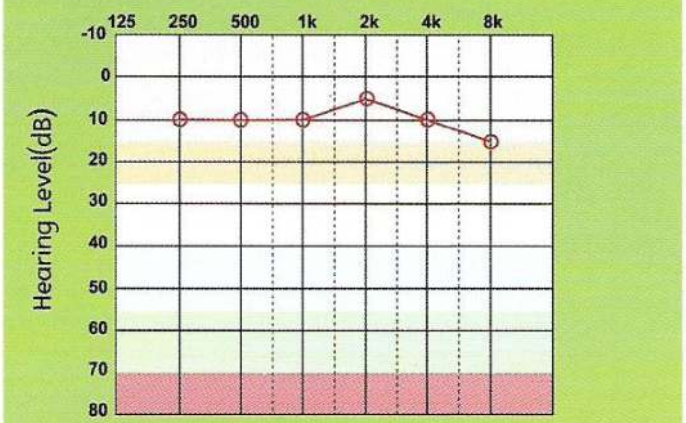
Why include CMN?

Customised noise brings 'masking noise' as a management option at ease. It dynamically generates coloured noise according to the frequency or amplitude spectrum sketched for you by the Audiologist or the Health Care Practitioner. Noise signals are accessible from 100 Hz to 15000 Hz.

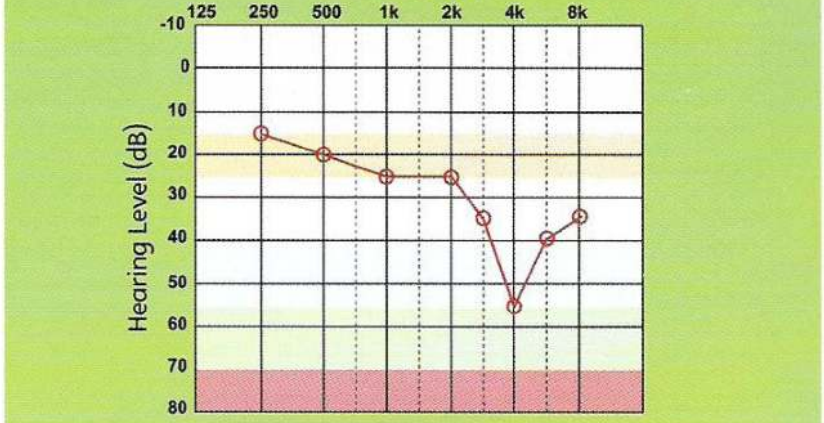
AUDIOLOGICAL PROFILES

AUDIOLOGICAL PROFILES THAT FIT OUR DEVICE

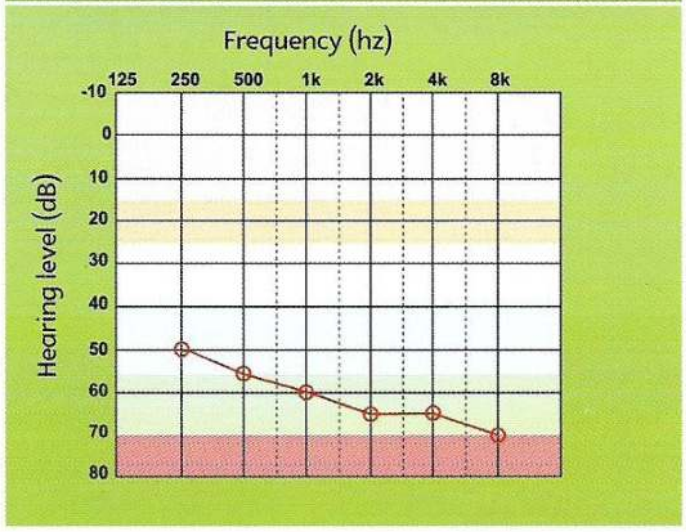
NORMAL HEARING



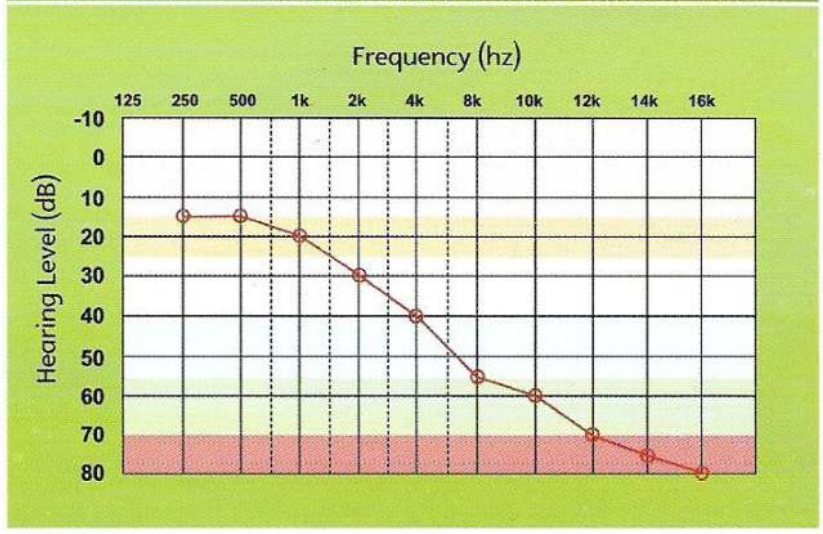
NOICE INDUCED HEARING LOSS (NIHL with 4K NOTCH)



MODERATE HEARING LOSS



SLOPING HIGH FREQUENCY HEARING LOSS IN HIGH FREQUENCY AUDIOMETRY (NIHL,PRESBYCUSIS,ETC)



State of art an Algorithm Technology that pulls and reverse..!

- Otological examinations are mandatory before evaluation and using device.
- Headphones may be used for stimulation if required.

Acoustic Neural Stimulation: A new technique -The Music sound tracks played in the training contains Broadband Acoustic Signal, which stimulates changes in the brain's neural circuits. This eventually desensitises the user to their Tinnitus.

The most intriguing part of Tinnitus management is that a single option does not work for all. Hence, TINNITUS TRIO offers a range of solutions all built in one package. So, your Audiologist or Health Care practitioner can customise your management schedule for you.

Highlights of Tinnitus Software

- A centralised data management system.
- Easily accessible patient data from any clinic associated with TINNITUS TRIO.
- Provision of a precise concise report that paves way for an individualised treatment programme.
- Locates your nearest clinic from YOUR location to make the management process as convenient as possible. It connects patients with clinics.
- Easy Appointments- all through your device from your home and timely reminders for the same.
- Reminders to monitor your daily management process through TINNITUS TRIO.
- Devices: Manage and assign device to patient ears during tests.

ENDUSER ROADMAP

ENDUSER ROADMAP

Each patients tinnitus experience is unique and so is its management.

Tinnitus trio provides acoustically modulated sounds which gradually exposes patients to their tinnitus in a controlled manner that supports "HABITUATION". These acoustically modulated sounds are matched to the patient's tinnitus to provide Cortical Stimulation and Residual Inhibition of Tinnitus. Sequential tones presented over a period of time triggers activity in the brain that counters neural hyperactivity.

Tinnitus trio provides 500 musical tracks metered to patients tinnitus ,which are played while the subject is relaxed /Sleep, helping the individual in habituation.

Tinnitus trio sequels the training sessions with an inbuilt alerting, alarming & recording system. Tinnitus Trio is generally worn intermittently during defined therapy sessions or times of predictable acute needs and provides a lingering benefit even after the device is turned off ; facilitating habituation and helping the patient naturally "TIME OUT" the perception of tinnitus.

Management plan :

Usage of Minimum 5 hours / day continuous or intermittent at any time of the day with any kind of activity involved is permissible.

Duration of Usage :

Studies show usage of six to 12 months is more likely to show benefit varying in degrees.

EXCELLENCE IN CUSTOMER SUPPORT AND SERVICE



MATHEMATICAL ALGORITHMS TECHNOLOGY IS TINNITUS TRIO









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