#### BENEFITS OF IMPROVED HEARING

Hearing aid wearers reported significantly improved quality of life including:



Personal relationships



Self-esteem



Overall health



**Tinnitus relief** 

(National Council on Ageing Study 1999)







## Untreated **Hearing loss**

Less stimulation of the brain.

Accelerated mental decline. Higher risk of dementia.

Trouble with remembering and problem solving.



## **Treated Hearing loss**

**Improved** communication skills

Socially active. Stimulation of the brain.

Keeps your brain fit.



#### SOUND ENRICHMENT

The aim of sound therapy is to help alter your perception of or reaction to tinnitus.

- ✓ Auditory and psychological distraction
- ✓ Aid to relaxation
- Stimulate positive environmental associations
- ✓ A tool to use with counselling.

## **APPS**







Resound: Relief



Widex Zen Therapy



**Oto: Tinnitus & CBT** 

# **INVISIBLE EXTENDED WEAR HEARING AID**

#### Lyric

- √ 100% invisible hearing aid
- ✓ Worn 24 hours per day, seven days a week, for months at a time





- ✓ Tinnitus assessment and management
- ✓ Diagnostic hearing tests for children and adults
- ✓ Lyric 24/7, invisible, extended wear, hassle-free hearing
- ✓ Hearing aid fitting
- √ Wax removal
- ✓ Auditory Processing Disorder assessment and management
- Cochlear Implant candidacy and fitting
- Bone Conduction hearing solutions
- √ Vestibular triage
- ✓ Pre-employment hearing tests
- ✓ Custom earplugs: swimming, noise, sleeping
- ✓ Hearing aid repairs and maintenance
- ✓ Assistive listening devices and accessories

## **ABOUT VICTORIAN HEARING**



INDEPENDENT audiology practice. Providing unbiased advice for personalised hearing solutions. We offer our clients choice.



Locally owned and run. No staff on commissions, our clients are our sole



University trained Audiologists.

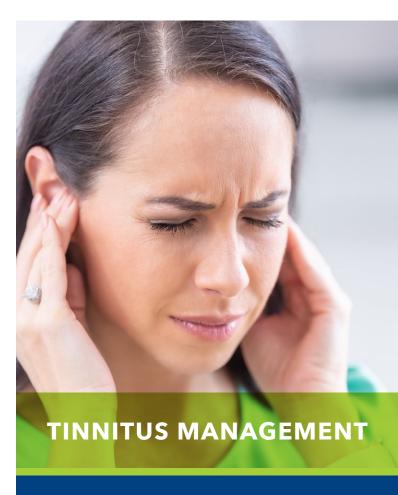


Full range of diagnostic services for children and adults; private clients; pensioners/DVA; TAC; NDIS; and Workcover clients.



Clinics in Melbourne CBD, Brighton, Clayton, Geelong, Malvern, Mornington, North Balwyn, Werribee, South Yarra and North Fitzroy.





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#### **TINNITUS**

The perception of sound, which is not present externally.



Common sounds including ringing, buzzing, hissing and clicking



Approximately 14-20% of the population experience tinnitus (Bionics Institute)



Can affect people of all ages, including young children

#### **COMMON OBSERVATIONS**



## **TINNITUS TRIGGERS**

- « Exposure to loud noise
- « Hearing loss
- « Stress
- « Changes in blood flow
- « Too much ear wax
- « Medication
- « Middle ear infections
- « Meniere's disease



# **NEGATIVE EMOTIONAL RESPONSE TO SOUND**

## Hyperacusis

Reduced tolerance to sound.

### Misophonia

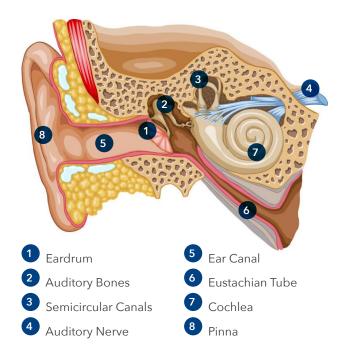
Extreme dislike/hatred response when confronted with specific sounds made by other humans.

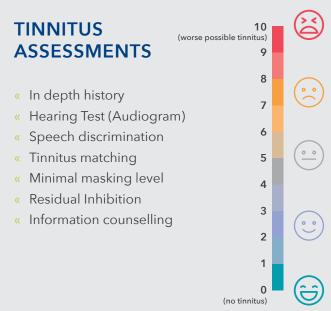
E.g. chewing, lip smacking or breathing may cause anger and disgust.

#### **TINNITUS CYCLE**



#### **HOW WE HEAR**





# **CAUSES OF HEARING LOSS**

