

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)



**STIMULATED EAR
=
STIMULATED BRAIN**



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



Tinnibot



Resound: Relief



Widex Zen Therapy

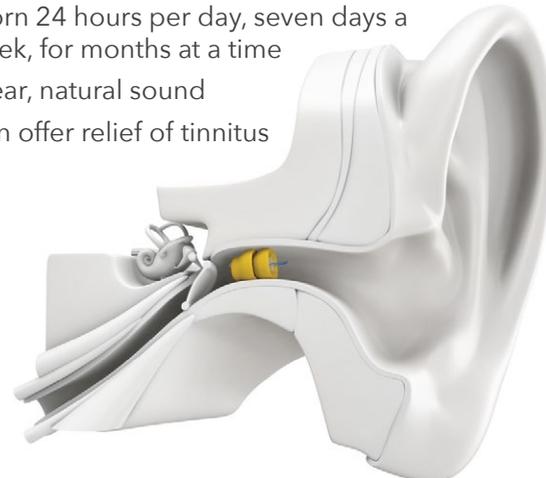


Oto: Tinnitus & CBT

INVISIBLE EXTENDED WEAR HEARING AID

Lyric

- ✓ 100% invisible hearing aid
- ✓ Worn 24 hours per day, seven days a week, for months at a time
- ✓ Clear, natural sound
- ✓ Can offer relief of tinnitus



VICTORIAN HEARING SERVICES

- ✓ 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 focus.



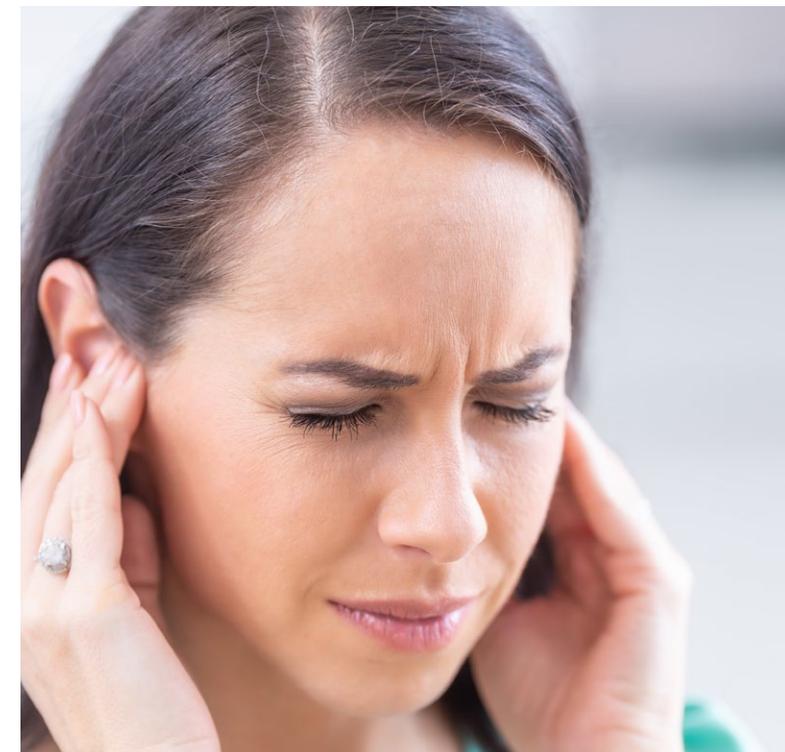
University trained Audiologists.



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.



TINNITUS MANAGEMENT

Trusted, friendly Audiologists are only a phone call away

 **9558 8842**

victorianhearing.com.au

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

It's worse at night!

It's so loud I cannot hear people talking!

It goes away when I have my hearing aids in.

It is driving me crazy!

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

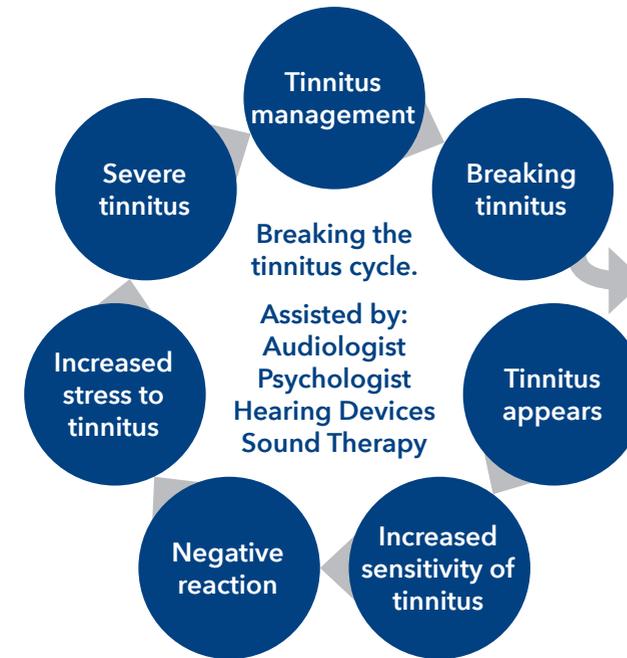
Reduced tolerance to sound.

Misophonia

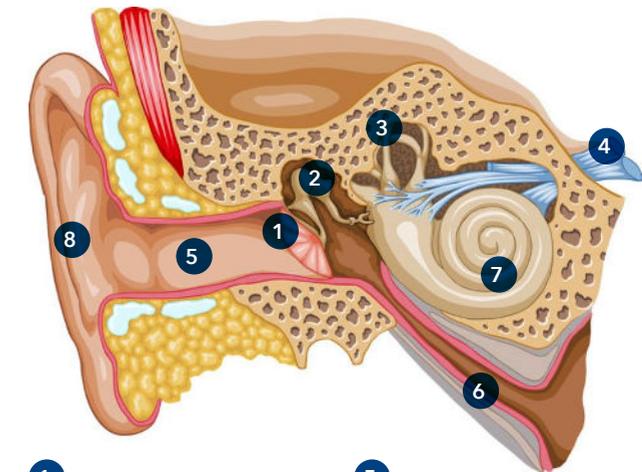
Extreme dislike/hatred response when confronted with specific sounds made by other humans.

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

TINNITUS CYCLE



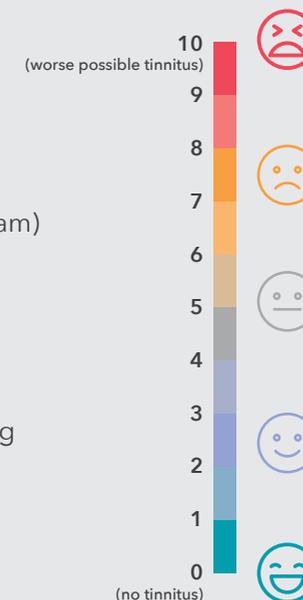
HOW WE HEAR



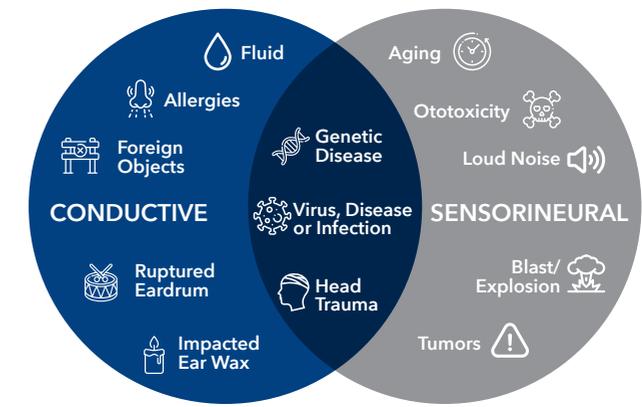
- 1 Eardrum
- 2 Auditory Bones
- 3 Semicircular Canals
- 4 Auditory Nerve
- 5 Ear Canal
- 6 Eustachian Tube
- 7 Cochlea
- 8 Pinna

TINNITUS ASSESSMENTS

- « In depth history
- « Hearing Test (Audiogram)
- « Speech discrimination
- « Tinnitus matching
- « Minimal masking level
- « Residual Inhibition
- « Information counselling



CAUSES OF HEARING LOSS



All have the potential to coincide with tinnitus.