Tinnitus

What causes it?

How does it become a problem?

What can be done about it?

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Purpose of today session:

- Basic understanding of tinnitus
- Useful management advice
- Meet other people with similar condition
- Option for treatment if required

What's in your pack?

- Hearing Test results
- Guide to Tinnitus management
- Guide to sleep and relaxation
- NDA support group timetable

Overview of Session

- What is tinnitus
- Anatomy and physiology of the ear
- Causes of tinnitus
- Hearing and hearing losses
- Model of tinnitus
- Treatment of tinnitus



What is tinnitus?

The sensation of hearing a noise in the absence of any external sound

Ringing

Buzzing

Hissing

Pulsing

And many more...

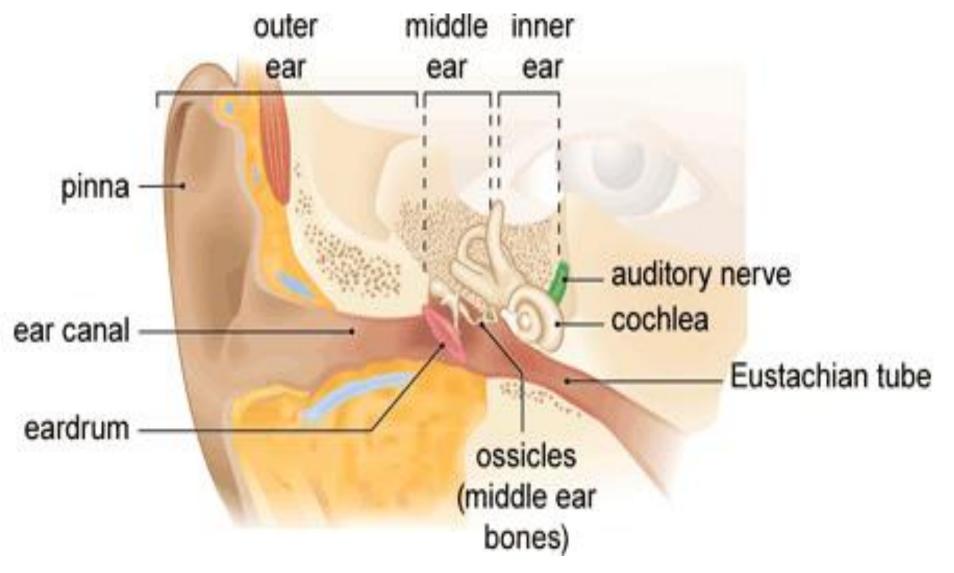
Who gets it?



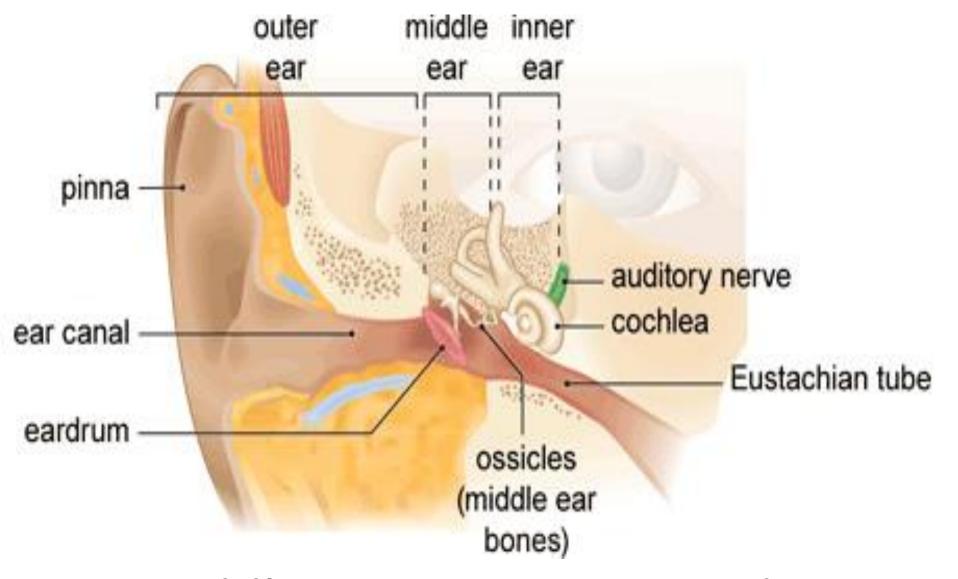
10% of adults in the UK experience tinnitus frequently.

5% find the tinnitus troublesome.

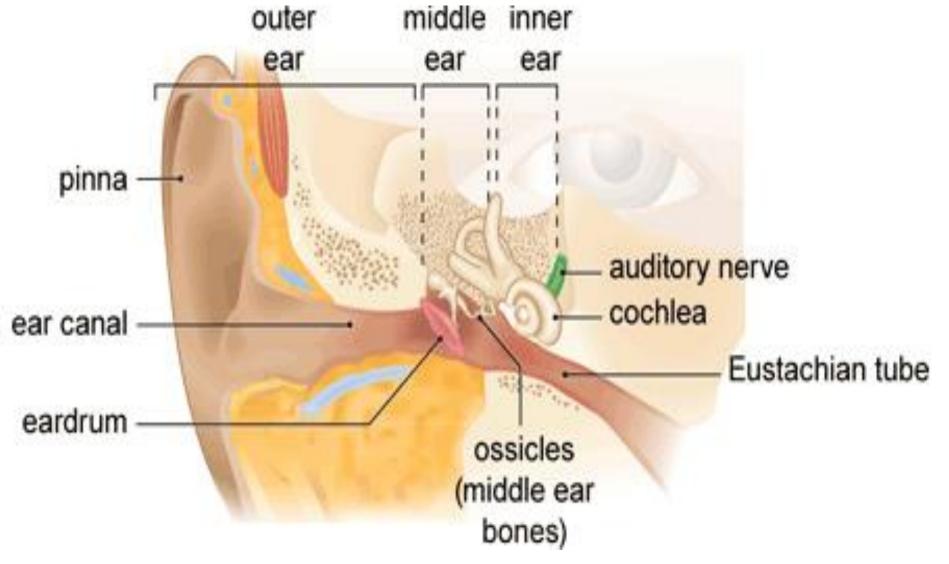
Tinnitus is not confined to the Elderly – it can occur at **any age!**



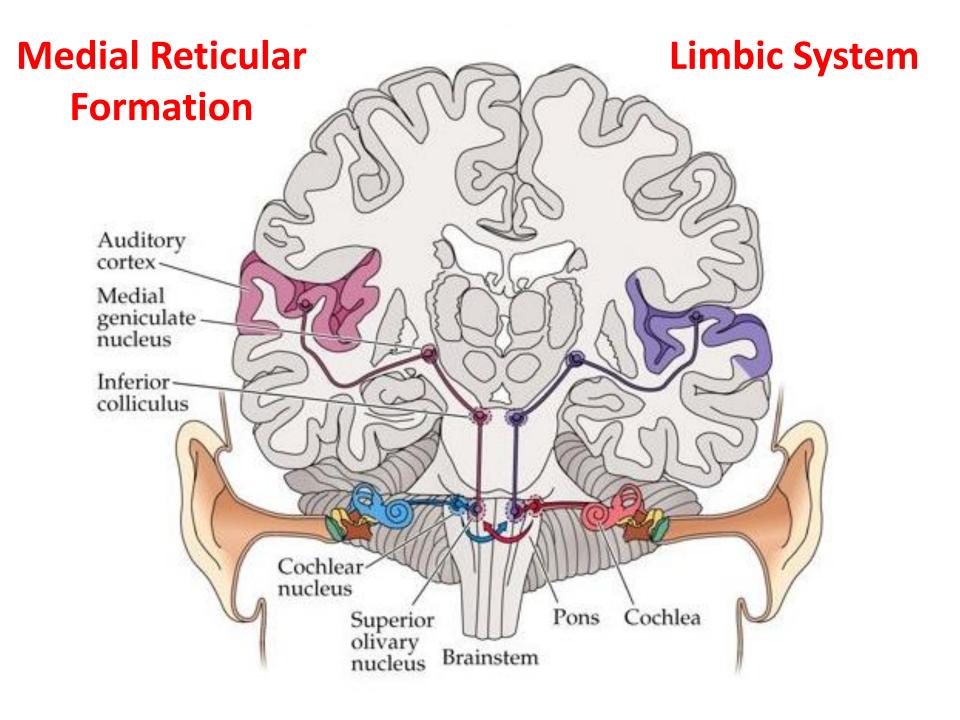
Outer ear collects and funnels sound waves

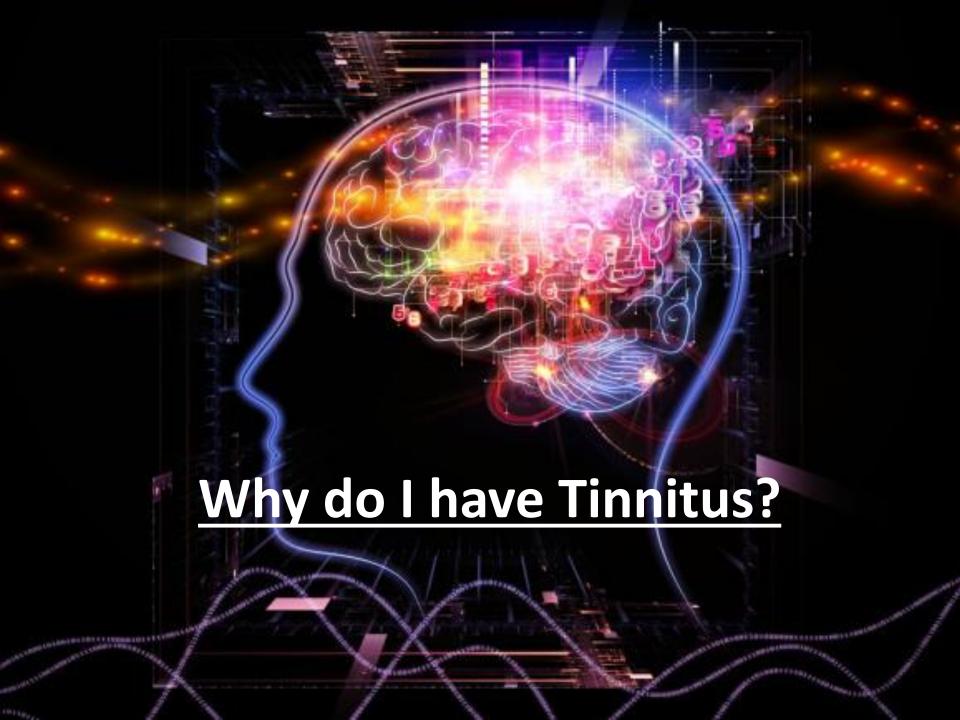


2. Middle ear converts sound into mechanical energy.



3. Converts sounds to electrical impulses and sends signals down the auditory nerve.







Referral to ENT?

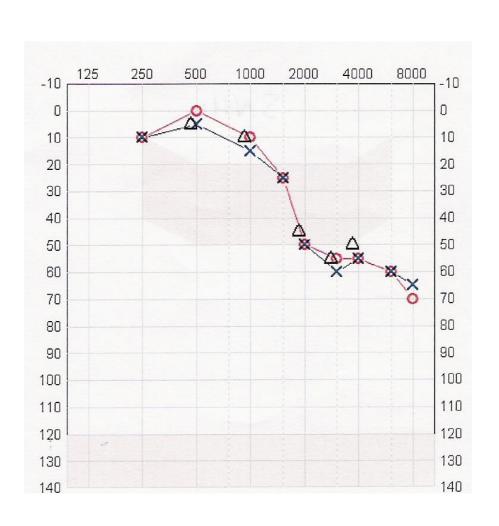
- Asymmetric Hearing Loss
- Asymmetric tinnitus or tinnitus on only one ear
- Pulsatile tinnitus
- Conductive hearing loss
- Significant dizziness
- Objective clicking tinnitus
- Abnormal eardrums

Causes of Tinnitus

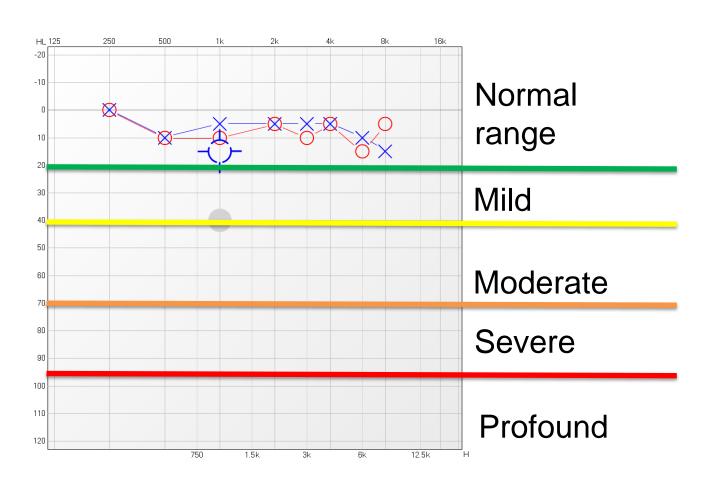


- Hearing loss
- Noise exposure
- Inner ear infection
- Ear conditions
- Stress
- Trauma
- Medication
- Idiopathic (i.e. no known cause)

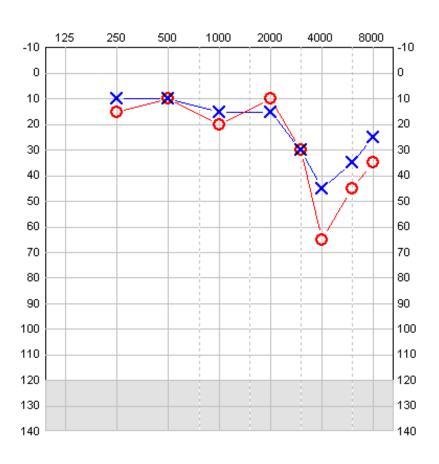
Age Related Hearing Loss



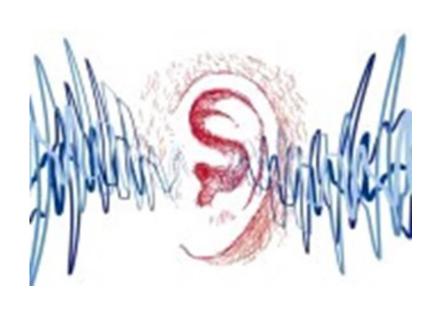
Your Hearing Test



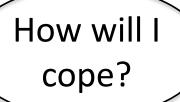
Noise Exposure



How your Brain Reacts



- When you first hear tinnitus your mind doesn't know what to make of it!
- But as time goes on your mind may react in negative emotional ways.



Will it get worse?

I can't sleep

I want silence

There is

Why am I am moody and irritable?

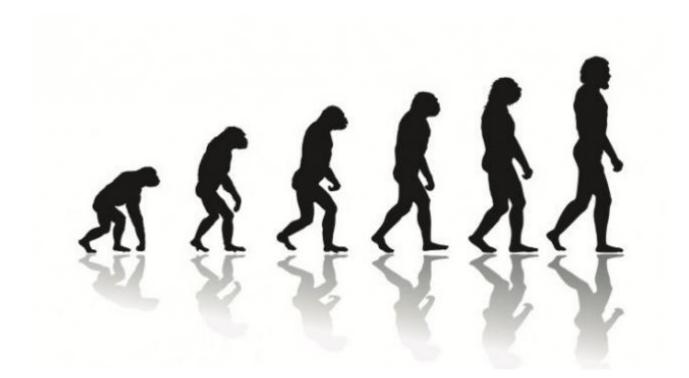
something wrong

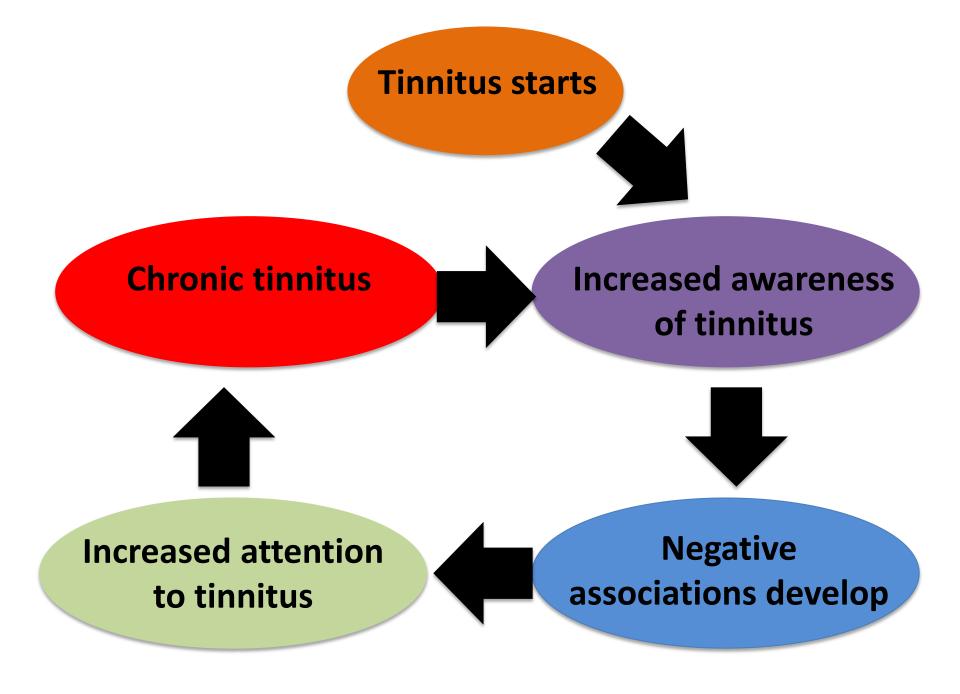
I can't concentrate

Why am I so troubled by the tinnitus?

- Communication
- Warning

- Background
- Emotional







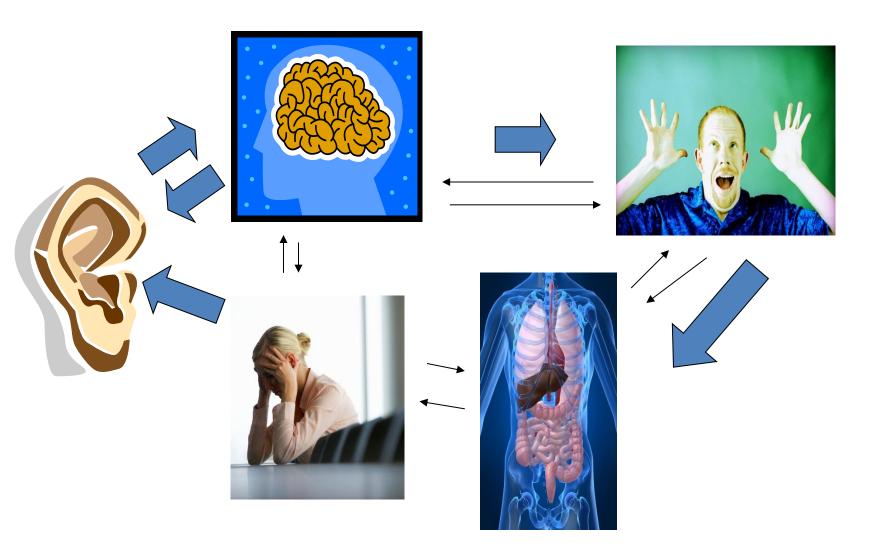
Where's Wally?



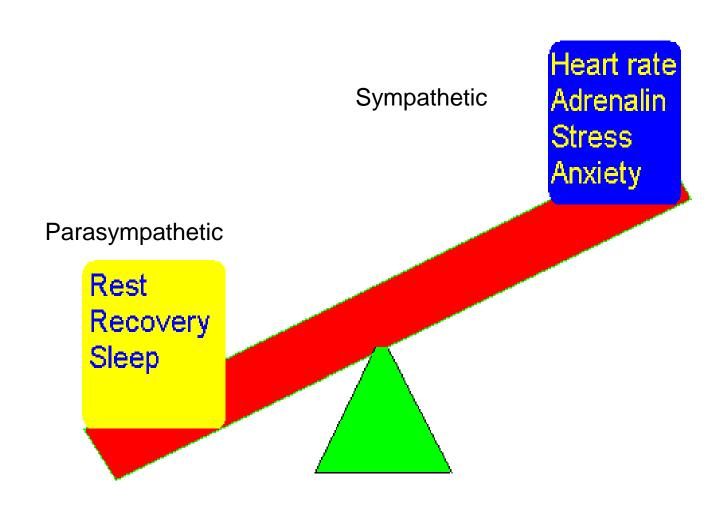




Model of Tinnitus



Autonomic Nervous System



Treatment



The goal is to habituate to the tinnitus.

Habituation or Adapting to Tinnitus



Like moving to a house on a busy road – at first all you notice is the traffic after a while you don't notice it.

Understanding how our brain reacts to noise is the 1st step to being able to live without Tinnitus

Progressive Process

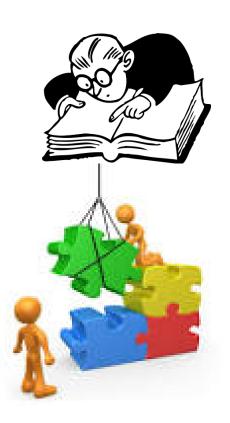
- The aim is to change how you react to the tinnitus.
- There may be days when you're overtired or stressed and Tinnitus is more troublesome
- Learning how to change your reaction means the bad days will be fewer and further apart.



How can we do that?







- Information and reassurance (today's session)
- Hearing aids
- Sound therapy
- Changing thoughts
- Sleep management
- Relaxation

Hearing aids





- Any degree of hearing loss should be addressed because straining to listen makes tinnitus worse.
- Brings up external noises reducing internal.
- Takes attention from Tinnitus.
- 3 Months acclimatisation.

Sound Therapy

ි sleep genius

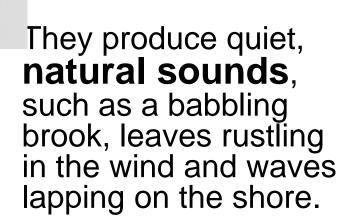
Now used to "mingle" with Tinnitus

- Reduces perception of Tinnitus
- Allows habituation

Useful for people with "normal" hearing







Changing Thoughts

- Identifying and modifying unhelpful thoughts and behaviours with regard to tinnitus.
- Removing negative connotations.
- Accepting the tinnitus noise.



Sleep Management



 It's normal for everyone with tinnitus to experience a period of sleep disturbance.

 Learning to switch your focus away from the tinnitus.

Sleep and Relaxation Group

Sweet dreams

Zzzzz

Sleep

Hygiene



Self help and Relaxation

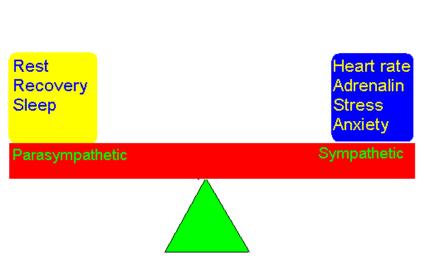
Relaxation techniques help to reduce stress.



Do the things that you enjoy!



Maintaining Balance



- Strike a balance
- Quiet/ background noise
- Active/ relaxed
- Your Autonomic
 Nervous System will be
 back in balance

Things to remember

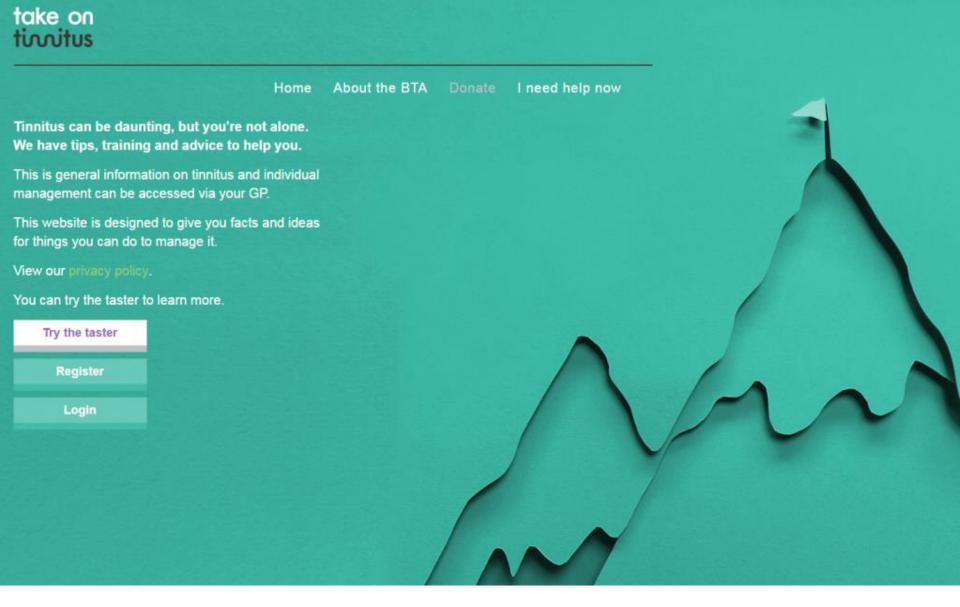


- Tinnitus is a symptom of a problem with your hearing system
- There are a variety of treatments that can help relieve your symptoms
- The key is thinking differently about your Tinnitus

Chasing Cures



 Chasing cures for tinnitus is counterproductive as it encourages you to focus on your tinnitus.



www.tinnitus.org.uk/Tinnitus

Tinnitus First Aid kit



Tinnitus First Aid Kit

Help new tinnitus patients understand their condition with this online resource. The Tinnitus First Aid Kit explains tinnitus, its potential causes, and different treatment options. http://www.tinnituskit.com/your-first-aid-kit

Useful websites:

British Tinnitus Association:

http://www.tinnitus.org.uk

NHS Choices:

http://www.nhs.uk/Pages/HomePage.aspx

Hearing Link:

http://www.hearinglink.org/tinnitus

What happens next?

- If things change contact your GP
- If you would like a sound oasis see catalogue
- Email <u>claire.gatenby@nnuh.nhs.uk</u>
- NDA Tinnitus Support Group

Email: tinnitus@norfolkdeaf.org.uk

Fill in your form

