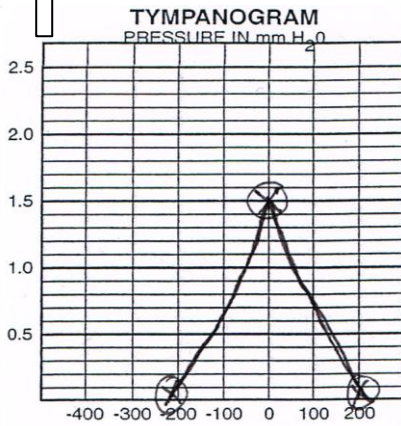


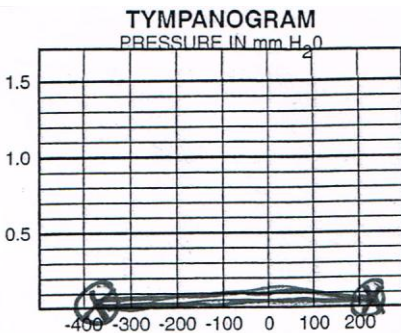
How to read a Hearing Test

This measures how the eardrum vibrates.



"Mountains"

Means there is good airflow in the eustachian tube and into the middle ear



"Flat lines"

Means
1. there is fluid in the middle ear sticking to the eardrum not allowing it to vibrate ie -GLUE EAR or
2. There a grommet or hole in the eardrum

Tympanic Membrane (Ear Drum)

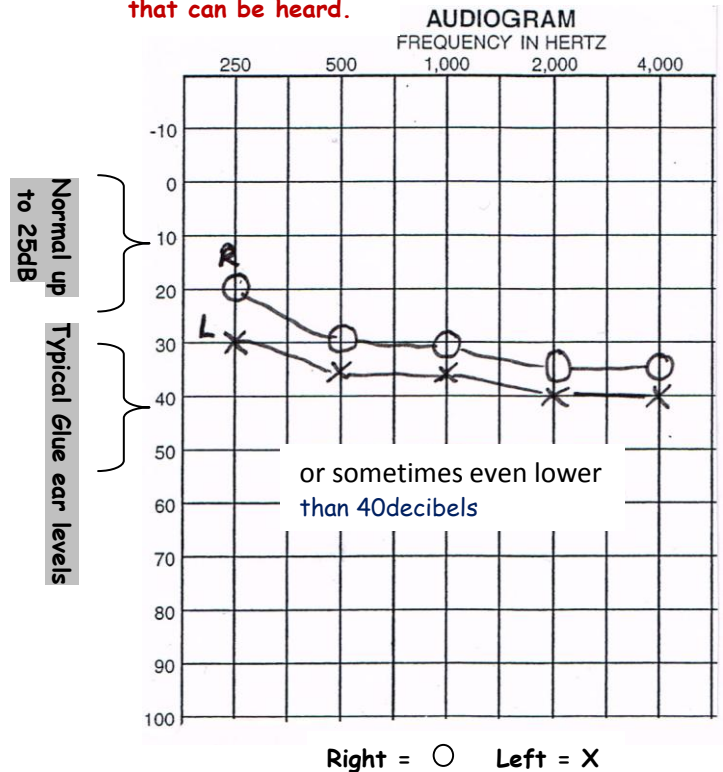
Right = O
Left = X

Often this area will have these comments

- Scarred** = has had many infections previously.
- Perforation** = hole in the eardrum
- Dull** = An infection is probably starting.
- Grommet Insitu** = Has a current grommet still in place.
- Retracted** = eardrum is sucked backwards onto the middle ear bones.
- Type A Tymps** = mountains/ good air flow
- Type B Tymps** = fluid behind the ear drum
- Type C Tymps** = negative pressure/eustachian tube dysfunction which can turn into middle ear fluid.



This measures sounds that can be heard.



Right = O Left = X



Tympanogram: This measures the air movement within the eardrum checking for blockages. This is the best test to have done to diagnose 'Glue Ear'. It is very important to remind Parents that 1 good hearing test *does not mean* their child is ok for ever. It means that at the time of **THIS** test the child is hearing well. Often this is the common misconception. Pre-Schoolers to Yr 3 aged children should have their hearing tested every school holidays if they are having speech, learning, behaviour and hearing problems.

Audiogram: This measures how well the child can hear. **NORMAL** hearing is 25 decibels. If you wear a pair of industrial earmuffs it is like hearing at 30 decibels. This is commonly how children with Otitis Media will be hearing. They also have to contend with others talking around them at the same time.

Eustachian Tube Dysfunction is often written in the comment column especially with children under 8 years. This means that the child's hearing and or middle ear health can improve with regular nose blowing.