Interpretation of Results

Normal Tympanogram
Indicates normally functioning middle ear system

High Static Admittance
High Static Admittance (high peak height) indicates possibility of:
- Tympanic membrane abnormalities
- Ossicular disruption

NOTE: "HIGH Y"a will print out in place of gradient (GR) value when admittance exceeds 1.5 mmho (see OVER, pg. 11).

Low Static Admittance
Low Static Admittance (low peak height) indicates possibility of:
- Otitis media with effusion
- Cholesteatoma/other middle ear tumor
- Tympanosclerosis
- Otosclerosis

NOTE: When peak admittance is below the box, no gradient value will be printed.

Volume (+200 Vea) Too Large
Excessively large volume in presence of flat tympanogram indicates possibility of:
- Perforated tympanic membrane
- Patent tympanostomy tube

NOTE: If volume exceeds 2cc, a LEAK ( === ) symbol will appear; above 2.5cc, an OPEN ( ---- ) symbol will appear.

Gradient Too Wide
Gradient Too Wide (GR > 151 daPa in children or > 114 daPa in adults) indicates possibility of:
- Otitis media with effusion

Negative Tympanometric Peak Pressure
Negative TPP indicates eustachian tube dysfunction as a result of:
- Oncoming/Resolving Otitis Media
- Cold
- Allergy
  - Coughing
  - Sniffing