

TYMPANOMETRY

Quick Reference Guide

Purpose

To test the condition of the middle ear and mobility of the eardrum by creating air pressure variations in the ear canal



Figure 1: Zodiac Tympanometer

Equipment

- Tympanometer - Zodiac (Figure 1)
- Probe tip
- Laptop computer

Procedure

- Turn on Zodiac machine (switch located on bottom).
- Double click "OTOsuite" icon on desktop.
- Select new probe tip and place on probe (Figure 2).
- Place blue padding next to baby (or on shoulder of person holding baby).
- Place probe in baby's ear (Figure 3).
 - Pull down and back on ear while slowly inserting probe into ear canal.
- Select correct ear on computer.
- Press play/stop button on blue padding (Figure 4).
- Wait for computer to draw tracing (Figure 5).
- Once testing is complete, remove probe tip from ear.
- Repeat on other ear.

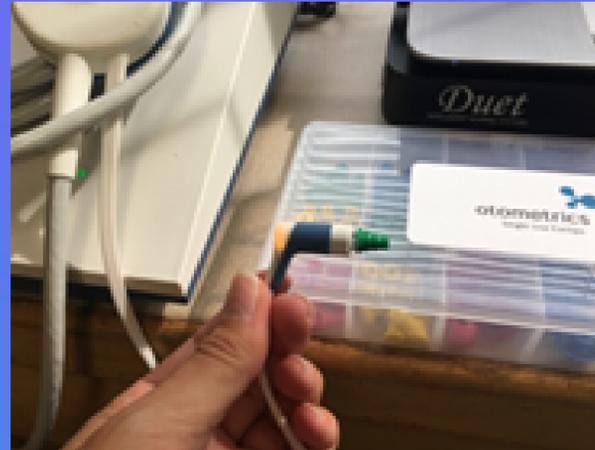


Figure 2: Probe tip on probe



Figure 3: Insert probe

Troubleshooting Tips

- Make sure Zodiac is turned on
- Select different size of probe tip
- Reposition probe in ear canal



Figure 4: Play button

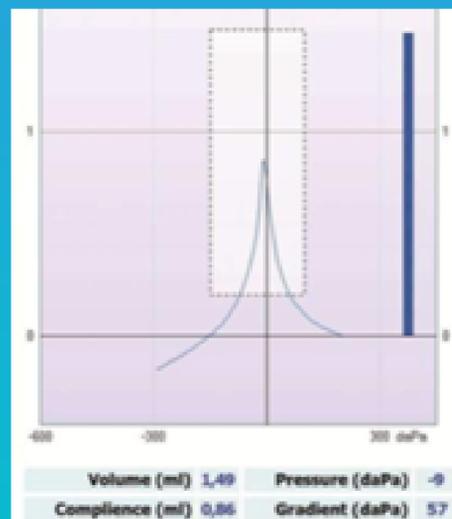


Figure 5: Computer tracing