

Audiology Workshop

04/20/2017

Lee Cottrell, Au.D.

Hearing Test

Audiogram

SYMBOL LEGEND

| | Right | Left |
|-----|-------|------|
| AC | O | X |
| BC | < | > |
| MAC | Δ | □ |
| MBC | [|] |

S: Soundfield response
 A: Aided Soundfield response
 CI: Cochlear Implant Threshold
 ↓: No response

Transducers:

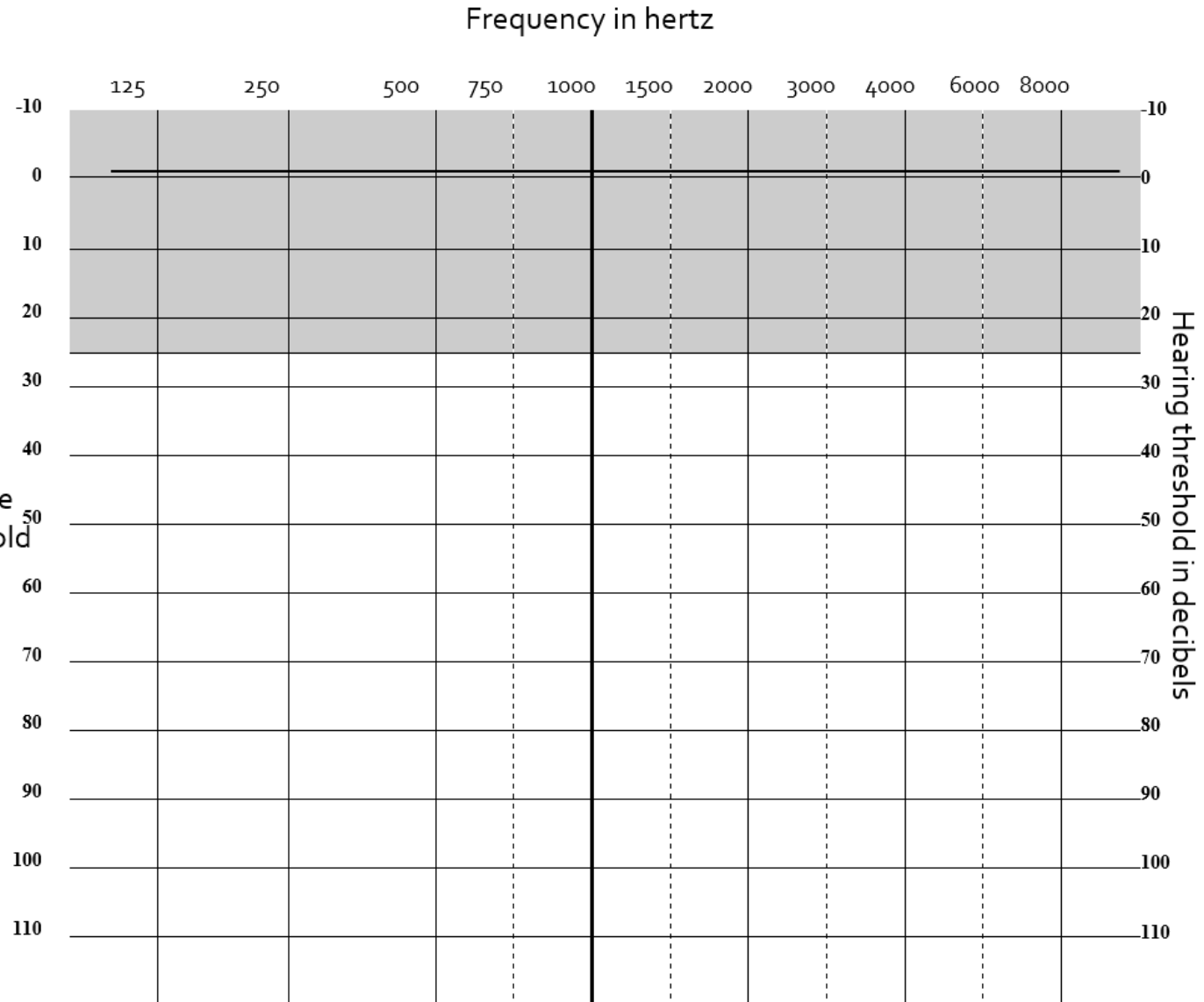
___ Insert Phones
 ___ TDH headphones

Speech Testing:

___ Live voice
 ___ Recorded Speech

Test Reliability:

___ Good
 ___ Poor _____



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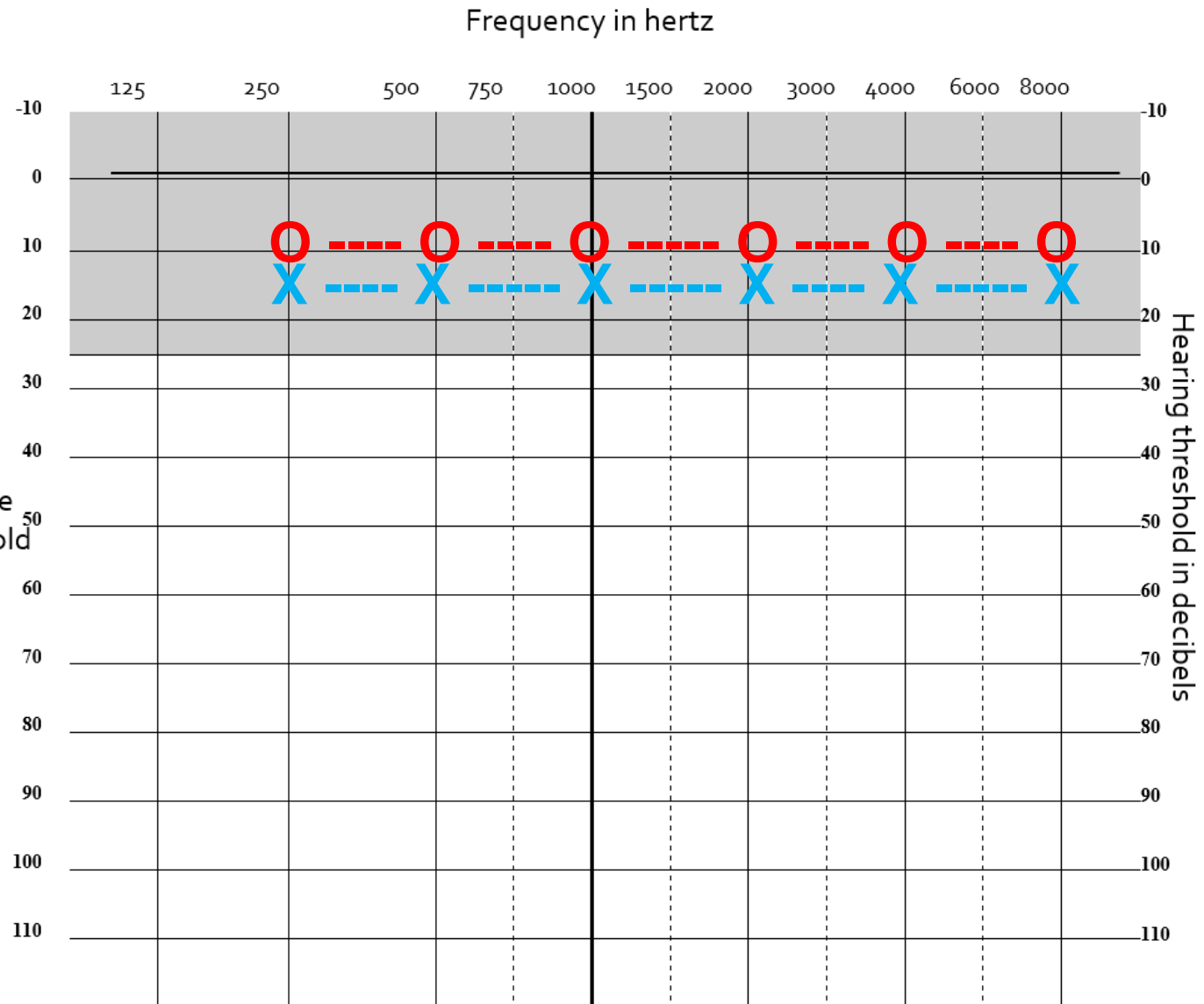
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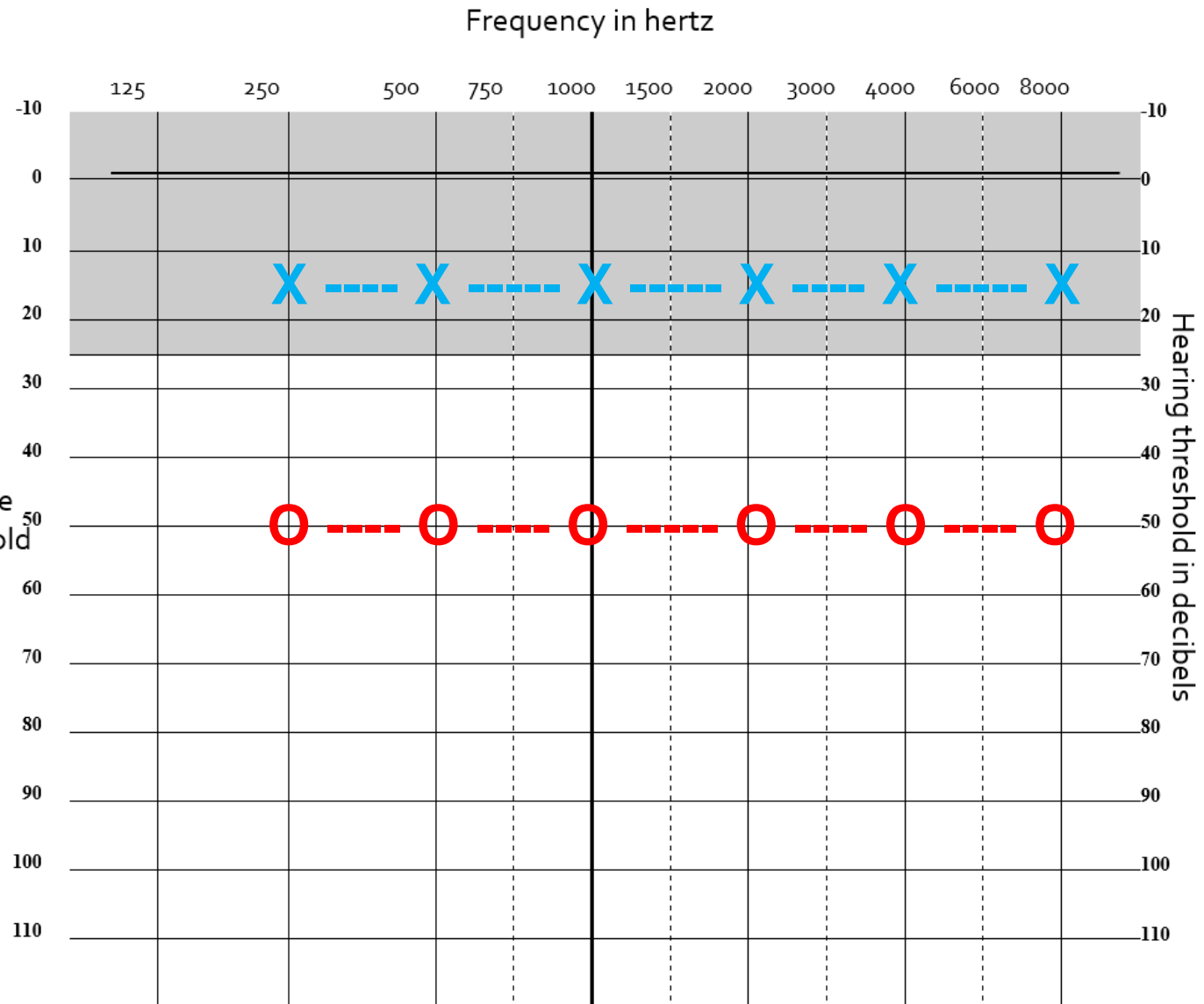
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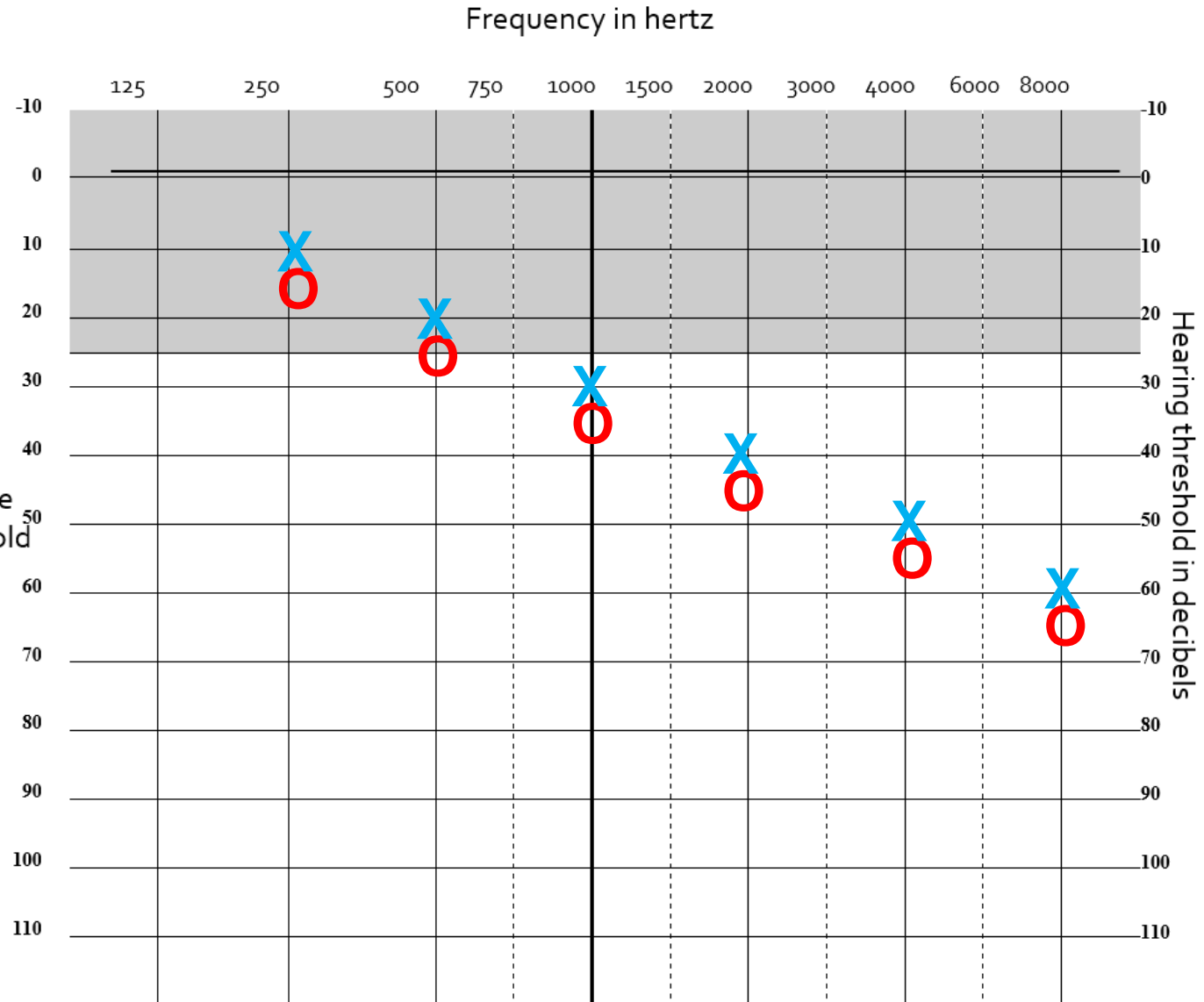
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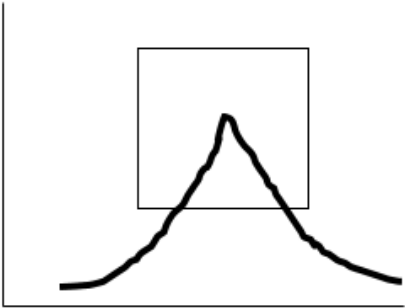


Tympanometry

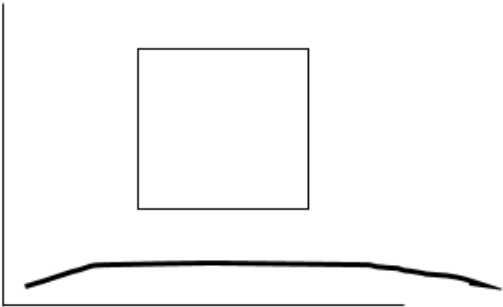
Tympanogram Result

□

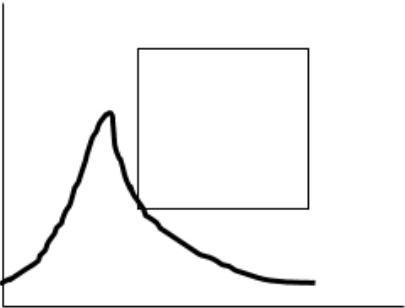
Type A – normal



Type B – abnormal mobility of eardrum



Type C – negative middle ear pressure



OAE

OAE result

PASS / FAIL

HHIE



144 Concord Road
Knoxville, TN 37934
865-777-1727
FarragutHearing.com

Hearing Handicap Inventory – Screening Questionnaire

| | Item | Yes (4 pts) | Sometimes (2 pts) | No (0 pts) |
|--|--|----------------|----------------------|---------------|
| E | Does a hearing problem <u>cause</u> you to feel embarrassed when meeting new people? | _____ | _____ | _____ |
| E | Does a hearing problem <u>cause</u> you to feel frustrated when talking to members of your family? | _____ | _____ | _____ |
| S | Do you have difficulty hearing when someone speaks in a whisper? | _____ | _____ | _____ |
| E | Do you feel handicapped by a hearing problem? | _____ | _____ | _____ |
| S | Does a hearing problem cause you difficulty when visiting friends, relatives, or neighbors? | _____ | _____ | _____ |
| S | Does a hearing problem <u>cause</u> you to attend religious services less often than you would like? | _____ | _____ | _____ |
| E | Does a hearing problem cause you to have arguments with family members? | _____ | _____ | _____ |
| S | Does a hearing problem cause you difficulty when listening to TV or radio? | _____ | _____ | _____ |
| E | Do you feel that any difficulty with your hearing limits or hampers your personal or social life? | _____ | _____ | _____ |
| S | Does a hearing problem cause you difficulty when in a restaurant with relatives or friends? | _____ | _____ | _____ |
| TOTAL SCORE = _____ (sum of the points assigned to each of the items) | | | | |

E = Emotional; S = Social

Interpretation of Score:

- 0-8 suggests no hearing handicap
- 10-24 suggests mild-moderate hearing handicap
- 26-40 suggests significant hearing handicap

Billing and Coding

- Tympanometry – CPT 92567
- Otoacoustic Emissions – CPT 92558 (screening protocol)
- Audiometry codes – 92552, 92553, 92555, 92557 (Medicare only pays for audiologist)

Amplification Technology

- Styles, Features, & Functionality
- Over-the-Counter vs. Traditional

Amplification Technology

- Cochlear Implants
- Osseointegrated Implants

Amplification Technology

- Assistive Listening devices
- Insurance Coverages