

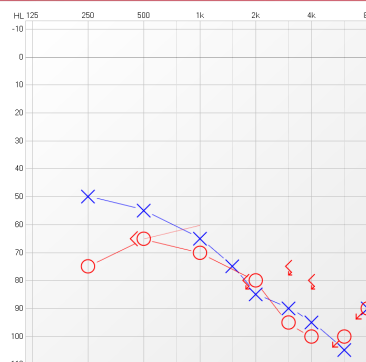
Impulse Noise Control

- Many people have hypersensitivity to high intensity, short duration (loud impact) sounds.
- Often reported as “hearing aids are too loud”
 - Incorrect lowering of overall amplification
 - Sacrificing dynamic range and audibility
- Most current instruments have a specific control for this type of sound

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Meet Our Patient

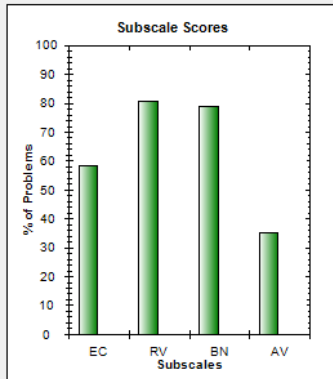
- 75 YO Male Veteran
- HA user since 2004
- Loss of hearing aid benefit in last few years
- Audiogram and word recognition suggest no viable hair cells above 2000 Hz



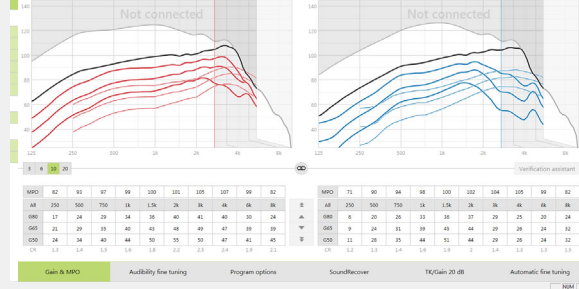
SPEECH AUDIOMETRY																	
RIGHT SRT				RIGHT SPEECH RECOGNITION					LEFT SRT				LEFT SPEECH RECOGNITION				
1	2	1	2	3	4	5	6	PBMAX	1	2	1	2	3	4	5	6	PBMAX
74		16						16	80		24						24
Level		100						100	Level		100						100
List		2A						2A	List		2A						2A
ML		40						40	ML		40						40
INTER-TEST CONSISTENCY(R): <input checked="" type="checkbox"/> GOOD <input type="checkbox"/> POOR <input type="checkbox"/> FAIR									INTER-TEST CONSISTENCY(L): <input checked="" type="checkbox"/> GOOD <input type="checkbox"/> POOR <input type="checkbox"/> FAIR								
MATERIAL: <input type="checkbox"/> MARYLAND CNC <input type="checkbox"/> CIDW-22 <input checked="" type="checkbox"/> NU-6 <input type="checkbox"/> OTHER, SPECIFY:									PRESENTATION: <input checked="" type="checkbox"/> RECORDED <input type="checkbox"/> MLV								

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Pre-Intervention APHAB and fitting



Percentiles:
 EC: 85
 RV and BN: 95
 AV: 50

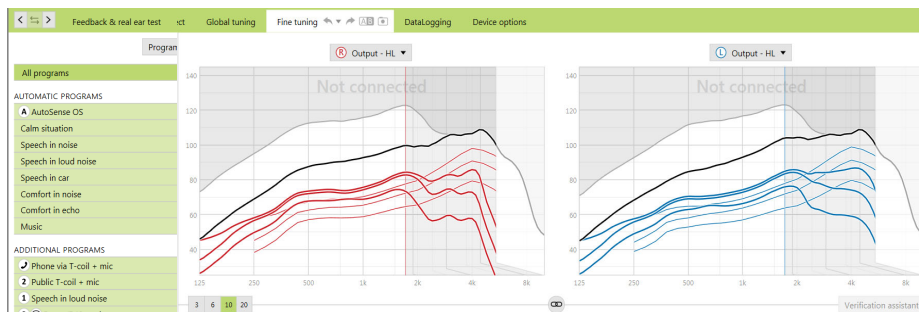


Notes on fitting:

- Frequency lowering set to default
- Only an “automatic” program
- No t-coil

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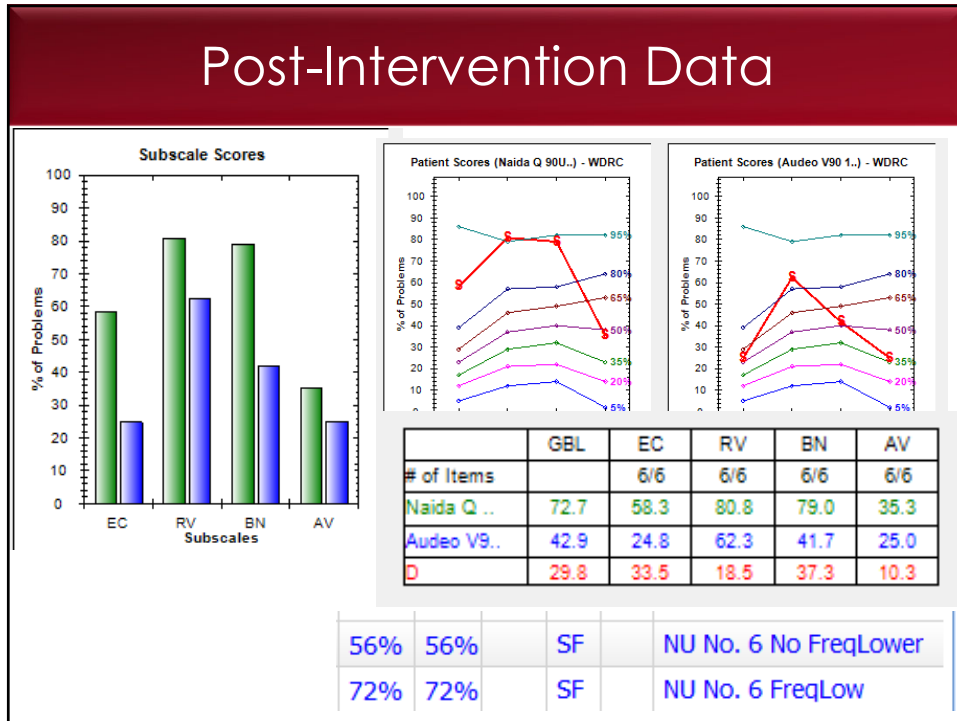
New Hearing Aids, and...



- Frequency lowering set to cochlear condition
- Additional programs
 - Directional
 - T-coil
 - Roger

But did it improve his situation?

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Summary

- Hearing loss is more complex than an audiogram and a single word list can assess
- Current hearing aids and cochlear implants have technology to address these complexities
- Your hearing care professional already has tools which can help choose and verify the benefit of these technologies
- Working together, you can most likely improve your day-to-day hearing and quality of life.

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Questions?

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