

HEARING AID FITTING
TEST DATE: May 12, 2017

HISTORY

Name: Lauryn Lloyd

Age: 4 years 11 months

Reason for visit: hearing aid fitting.

Hearing history: Lauryn presents with a bilateral mild to moderate sensorineural hearing loss and is seen today for fitting with replacement hearing aids. Lauryn's hearing was last evaluated at this clinic on March 14, 2017; she demonstrated behavioral hearing thresholds of 25 to 60 dBHL in both ears. Lauryn's hearing loss was diagnosed at 5 weeks of age and has been stable since diagnosis.

Hearing aids: Lauryn has worn binaural hearing aids (Phonak Nios S H20) since 8 weeks of age. She wears her hearing aids full time at home, at preschool, and in the community. At her last visit, she demonstrated aided word recognition scores in quiet and noise of 96% and 84%. Due to the age of her hearing aids (5 years), her family has opted to replace the devices.

Hearing assistance technology: Lauryn's family uses a Phonak Roger Inspiro transmitter and Roger X receivers to help her hear in noisy settings, like preschool and community dance/karate classes.

School: Lauryn is currently in preschool and will start Kindergarten at Gatewood Elementary in the Seattle Schools in September; her school audiologist is Erin Donlin.

Medical home: Lauryn lives with her family in Seattle and is followed by Dr. Patricia Scott at Swedish-West Seattle.

TEST RESULTS

Hearing Aid Check: The hearing aids were adjusted using the Desired Sensation Level (DSL) prescription method and real ear measures using the Verifit electroacoustic/real ear system. The target and measured values were derived after measurement of the child's real-ear-to coupler difference (RECD).

Current hearing aids: binaural Phonak Sky V50 P digital behind-the-ear hearing aids.

Settings:

- Program 1 for everyday listening using wide dynamic range compression
- Remote mic/FM-DM is activated in the start-up program
- program button I sactivated
- Color: Caribbean pirate

Earmolds: Lauryn's earmolds were made at her visit on March 14, 2017 and are fitting well.

- Style: skeleton
- Venting: 2mm
- Material/color: Silicone black/white

Manufacturer/Model	Serial #	dB SPL at eardrum	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	6000 Hz	Aided SII
Phonak Sky V50 P	1711XOFJO	Right Ear							
		Target output -avg speech (f	71	74	75	85	76	69	75-95
		Measured output-avg speech	75	76	72	83	72	68	87
		Target output-soft speech (5	65	67	69	79	69	62	65-90
		Measured output-soft speech	72	70	64	77	64	62	77
Phonak Sky V50 P	1713X2YF2	Left Ear							
		Target output -avg speech (f	67	75	70	74	72	65	80-100
		Measured output-avg speech	75	75	67	75	68	64	95
		Target output-soft speech (5	59	67	62	67	65	57	75-100
		Measured output-soft speech	69	69	80	86	83	72	96

PT.NO: U3372855

NAME: LLOYD, LAURYN

DOB: 05-30-2012

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Seattle, WA 98195

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Date: 05-12-2017

Hearing Aid Evaluation/Orientation

Lauryn was fit with Phonak Sky V50 P digital behind-the-ear hearing aids. Lauryn's mother, Erica, was instructed in the care, cleaning, and use of the hearing aids, earmolds, and batteries. They were advised to have her wear the aids full-time both at home and school. They were advised to note if she is having any adverse reactions to sounds with the hearing aids. The hearing aid program button has been activated.

ASSESSMENT

Hearing loss: Previous testing has demonstrated that Lauryn has a bilateral mild to moderate sensorineural hearing loss

Amplification: Lauryn was fit with binaural hearing aids today (Phonak Sky V50 P). Coupler measurements of the hearing aids indicate that current settings achieve target DSL values for gain for soft and average speech and aided SII values fall within the expected range for his degree of hearing loss. Aided SII values estimate that 87%/95% of average speech is audible for Lauryn when wearing her right/left hearing aids.

RECOMMENDATIONS

Hearing loss:

1. It is recommended that Lauryn's hearing be monitored closely with audiological evaluations every 12 months.

Hearing Aids:

2. It is recommended that Lauryn wear her hearing aids full time both at home and at school.
3. It is recommended that Lauryn's hearing aids and earmolds be monitored closely at follow-up visits. Re-makes of earmolds will be made at these visits as needed. Electroacoustic measures in conjunction with real ear measures will be used to monitor the output of the hearing aids. In addition, outcome measures using both aided speech testing and questionnaires will be used to monitor her access to sound with hearing aids.

Hearing assistance technology

4. It is recommended that Lauryn's family continue to use their remote mic/DM system in conjunction with her hearing aids to allow her to hear in noisy settings.
5. It is recommended that Lauryn have access to remote mic/DM technology in school to hear the teacher's voice above the classroom noise. Her school audiologist will assess her candidacy for this technology.

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cc: parent (Linda & Liam Lloyd)
family physician (Dr. Swedin @ Swedish-West Seattle)
school audiologist (Sarah Smith @ Seattle Schools)

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