AUDIOLOGICAL EVALUATION
TEST DATE: March 16, 2013

HISTORY

Name: Becky Benson
Age: corrected age 13 months (corrected for 10 weeks prematurity)
Reason for visit: Hearing evaluation as part of the Infant Development Follow-up Clinic evaluations
Hearing history: During a neonatal stay in the UWMC NICU, Becky passed a newborn hearing screening using the brainstem auditory evoked response test on February 16, 2012.
Middle ear history: Becky is recovering from a recent ear infection; she had a previous ear infection 6 months ago.
Family history of childhood hearing loss: negative
Medical History: Becky was born at 30 weeks gestation, 1100 grams.
Developmental progress: Becky's parents report that she responds consistently to sounds at home.
Medical home: Becky lives with her family in Seattle and is followed by Dr. Smith at Sandpoint Pediatrics.

TEST RESULTS

Behavioral Assessment

Procedure: visual reinforcement audiometry (VRA): a child is taught to respond to auditory stimuli with a head turn response toward the sound, and the child is then rewarded with the activation of a mechanical toy. Threshold is determined as the lowest decibel (dB) level at which the child responds a minimum of two times. Testing was completed using a test assistant in the test room with the child. A judgment of the reliability of the child's responses is noted on the audiogram.
Normal range: Normal hearing is defined as thresholds of 0-20 dBHL
Results:

PROGRESS – BLUE

UW Medicine

Pediatric Audiology, Box 357920
Center on Human Development and Disability (CHDD)
University of Washington Medical Center
Seattle, WA 98195

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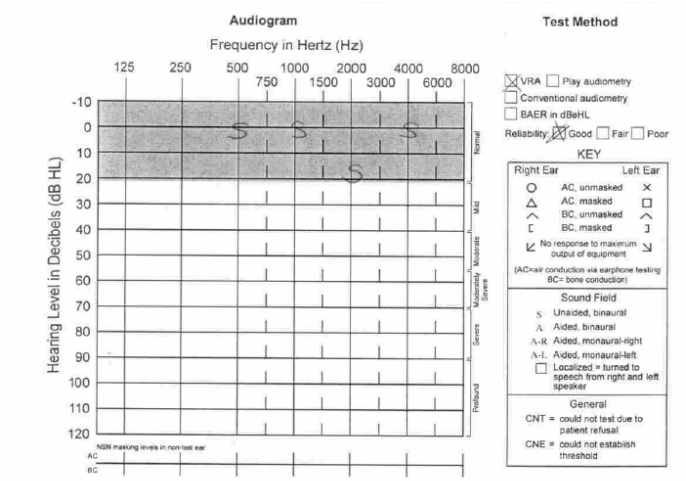


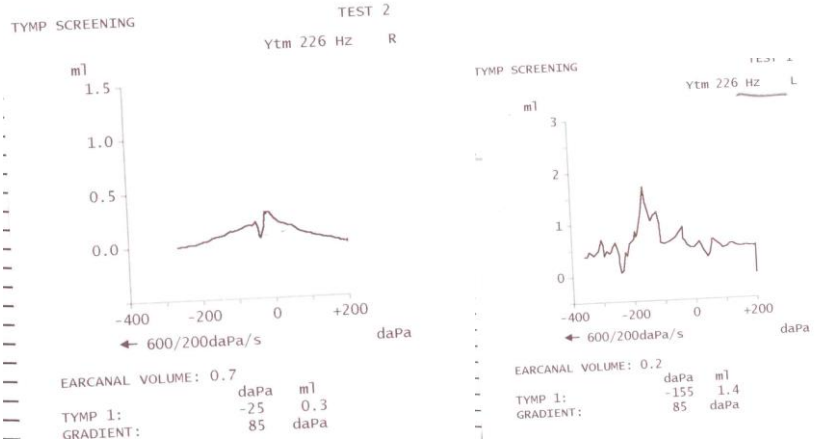
	Speech awareness threshold	Speech reception threshold	Speech recognition			
	dB HL	dB HL	% correct	dB HL	word list	noise/ babble
Right	10					
Left	10					
Soundfield						

Immittance and Otoscopy

Procedure: Tympanometry measures the function of the outer and middle ear system. Tympanometry was conducted using a 220 Hz probe tone.

Normal range: Normal compliance values are indicated by values greater than .1 ml., and peak pressure from -200 to +100daPa.

Results:



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PT.NO: U2359861

NAME: BENSON, BECKY

DOB: 01-01-2012

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ASSESSMENT

Becky demonstrates normal hearing and normal outer and middle ear function. Specifically, she demonstrates soundfield behavioral hearing thresholds from 500 to 4000 Hz of 10 to 20 dBHL, indicating normal hearing in at least one ear, as soundfield testing does not isolate each ear. During earphone testing, she demonstrates normal hearing sensitivity for a speech stimulus in each ear. She shows normal outer/middle ear function in both ears on tympanometry measures.

RECOMMENDATIONS

Hearing can change throughout childhood;

- Screen hearing at regular well-child visits and in public school according to national health guidelines yearly from age 4 to age 16.
- If there are concerns about a change in hearing, it is recommended that a child's hearing be evaluated by an audiologist.

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Sandy Smith
Graduate Audiology Clinician

cc: parents (Ben and Betty Benson)
primary care physician (Dr. Smith @ Sandpoint Pediatrics)

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