

Hearing and Balance Unit
ABR Report

Name: Alzahrani,Ahmed
PIN: 1378651
Gender: Male
Age: 2 years& 7moths
Date of test: 1- 7-2015

Sedation: Deep sleep after one single dose of oral chloral hydrate according to his weight with SpO2 99% Pulse 90/min.

Transducer: Insert Earphones- Bio-logic

Test parameters: Using ABR broadband clicks, for other test parameters pls. see printout

Results :

Identifiable & repeatable ABR waves (I & III & V) could be obtained upon ipsilateral stimulation at 80 dBnHL. Absolute & interpeak latencies were within expected range. Wave V could be traced down 30 dBnHL bilaterally.

Diagnosis:

Bilateral normal hearing at high frequency range (2-4 KHz) with normal auditory brainstem pathways.

Recommendations:

- 1.Environmental stimulation
2. Phoniatic consultation.

Dr.Khairy Abul-Nasr, PhD, MD.
Consultant Audiological Physician



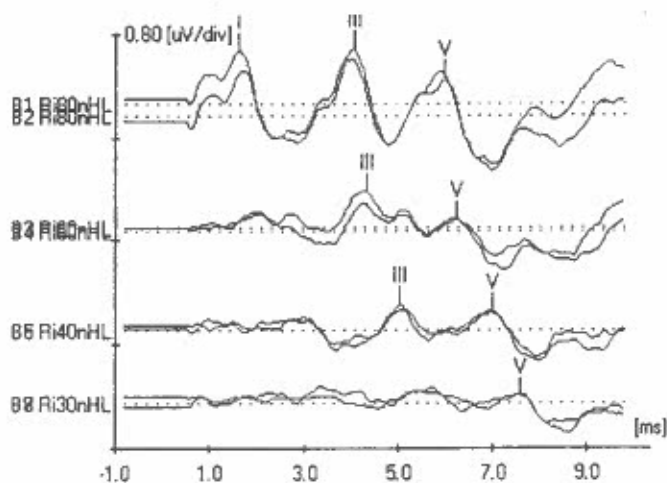
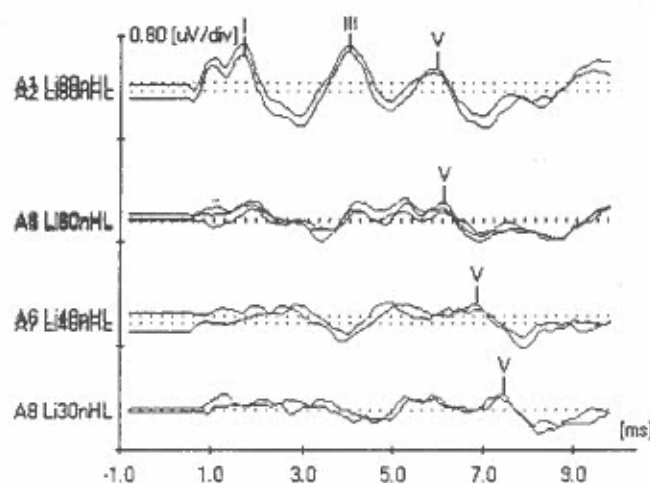
EVOKED POTENTIAL REPORT

Patient: Alzahrani, Ahmed

ID#: 1378651

Gender: Male

Birth date: 9/22/2013



Latencies (ms)

Label Index	I	II	III	IV	V
A1					5.99
A2	1.70		4.03		
A5					6.11
A6					6.86
A8					7.44
B1	1.62		4.07		5.99
B3			4.32		6.24
B5			5.03		7.03
B7					7.61

Interlatencies (ms)

Label Index	I-III	III-V	I-V
A2	2.33		
B1	2.46	1.92	4.37
B3		1.92	
B5		2.00	

Stimulus Parameters

Label Index	Intensity	Ear	Transducer	Insert Delay	Type	Frequency	Polarity	Ramp	Rise/Fall Plateau	Rate
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A1	80dB nHL	Left	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
A2	80dB nHL	Left	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
A3	60dB nHL	Left	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
A4	60dB nHL	Left	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
A5	60dB nHL	Left	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
A6	40dB nHL	Left	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
A7	40dB nHL	Left	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
A8	30dB nHL	Left	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
A9	30dB nHL	Left	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
B1	80dB nHL	Right	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
B2	80dB nHL	Right	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
B3	60dB nHL	Right	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
B4	60dB nHL	Right	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
B5	40dB nHL	Right	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
B6	40dB nHL	Right	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
B7	30dB nHL	Right	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70
B8	30dB nHL	Right	Insert Earphones	0.80	Click	N/A	Rarefaction	N/A	N/A	N/A	27.70

Recording Parameters

Label Index	Epoch	Points	Pre/Post	Averages	Artifacts
A1	10.66	256	0.00	926	0
A2	10.66	256	0.00	861	0
A3	10.66	256	0.00	728	1
A4	10.66	256	0.00	1015	0
A5	10.66	256	0.00	544	0
A6	10.66	256	0.00	811	0
A7	10.66	256	0.00	372	0
A8	10.66	256	0.00	484	0
A9	10.66	256	0.00	397	0
B1	10.66	256	0.00	285	0
B2	10.66	256	0.00	580	0
B3	10.66	256	0.00	596	1
B4	10.66	256	0.00	794	0
B5	10.66	256	0.00	249	0
B6	10.66	256	0.00	552	0
B7	10.66	256	0.00	518	0
B8	10.66	256	0.00	552	0

Amplifier Parameters

Label Index	Channel	Gain	Low Filter	High Filter	Notch Filter	Artifact Rejection	Input 1	Input 2
A1	1	100000	100	1500	No	23.80	CZ	A1
A2	1	100000	100	1500	No	23.80	CZ	A1
A3	1	100000	100	1500	No	23.80	CZ	A1
A4	1	100000	100	1500	No	23.80	CZ	A1
A5	1	100000	100	1500	No	23.80	CZ	A1

A6	1	100000	100	1500	No	23.80	CZ	A1
A7	1	100000	100	1500	No	23.80	CZ	A1
A8	1	100000	100	1500	No	23.80	CZ	A1
A9	1	100000	100	1500	No	23.80	CZ	A1
B1	2	100000	100	1500	No	23.80	CZ	A2
B2	2	100000	100	1500	No	23.80	CZ	A2
B3	2	100000	100	1500	No	23.80	CZ	A2
B4	2	100000	100	1500	No	23.80	CZ	A2
B5	2	100000	100	1500	No	23.80	CZ	A2
B6	2	100000	100	1500	No	23.80	CZ	A2
B7	2	100000	100	1500	No	23.80	CZ	A2
B8	2	100000	100	1500	No	23.80	CZ	A2