



अली यावर जंग राष्ट्रीय वाक् एवं श्रवण दिव्यांगजन संस्थान

ALI YAVAR JUNG NATIONAL INSTITUTE OF SPEECH AND HEARING DISABILITIES (DIVYANGJAN)



(दिव्यांगजन सशक्तिकरण विभाग, सामाजिक न्याय एवं अधिकारिता मंत्रालय, भारत सरकार के अधीन स्वायत्त संस्थान)
Under Department of Empowerment of Persons with Disability (Divyangjan) Ministry of Social Justice and Empowerment, Govt. of India)

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Ph : 033-2531 0507 /2531 1427

SUMMARY REPORT

NAME: Aditri Chowdhury

DATE : 18/7/2023

AGE: 4y4m SEX: Female

CASE NO.: 631/23

REFERRED BY: Acu ElectroPhyio

ONSET: Since 9mths of age

DEVELOPMENTAL HISTORY:

COMPLAINT:

Hearing centre
Complaint of hearing problem.

Age appropriate

MEDICAL HISTORY:

Premature rupture of membrane

FAMILY HISTORY:

2-3 days before delivery
Nuclear family

EDUCATIONAL HISTORY

Yet to be admitted in school



AUDIOLOGICAL EVALUATION

	125	250	500	1000	2000	4000	8000	12000	
BOA 31/1/2023 Bilateral severe to profound hearing loss Pure Tone Audiometry	Behavioural Observation		Audiometry						
	Stimulus	Intensity		Distance		Response			
	Drum	100 dB SPL							
	Dugi	105 dB SPL				Eye			
	Jhankara	105 dB SPL		2-3 ft		blinking.			
	St. Drum	105 dB SPL				Eyeball movement			
	Cabacus	105 dB SPL							
	Name Calling	100 dB SPL							
	Free Field Audiometry								
	Speech Audiometry Immittance Audiometry OAE	Frequency	Intensity		Dist.		Response		
500 Hz		100 dB SPL							
1000 Hz		105 dB SPL		2-3 ft		No			
2000 Hz		105 dB SPL		ft		Response			
4000 Hz		105 dB SPL							

ABR/ASSR 12/5/23 ABR was done under sedation. No peak 2 was obtained at 95 dB nHL in both ears so estimated threshold is (95-15) dBHL = 80 dBHL in both ears.

FINDING: Bilateral severe to profound hearing loss
Percentage of hearing disability = 100%

PSYCHOLOGICAL EVALUATION:

CLINICAL OBSERVATION:	GLOBAL DEVELOPMENTAL QUOTIENT:
ATTENTION CONCENTRATION:	MENTAL AGE:
ADAPTIVE AGE /DQ	IQ/DQ:
FINE MOTOR SKILLS/DQ	PERSONALITY/ INTEREST:
VISUOMOTOR INTEGRATION:	BEHAVIOUR PROBLEMS, IF ANY:
LANGUAGE AGE/DQ	

SPEECH AND LANGUAGE EVALUATION 18/7/23

SPEECH MECHANISM: All OPM structures are normal in appearance. Vegetative functions sucking, biting, swallowing, blowing and tongue movements are normal.

FINDINGS

Mode of communication is vocalization with pointing, language background is Bangla, child directed speech is encourages conversation. Child can articulate vowels /a/, /u/, consonants and blends are yet to develop. Voice is perceptually normal, child did not cooperate for phonation duration test, child does not have enough speech to assess suprasegmentals. Phonology is 4-6mt, Syntax - Yet to enter Brown Stage I, Semantics less than 8-12mt, Pragmatics 0-8mt. Imitation of gross body is good, speech is poor. Level of expression for vocal and motor gestural is non-conventional pre-symbolic communication Gestural scale shows reception and expression 11-12mt. Social developmental milestone is Infancy II (6-12mt), Cognitive developmental milestone is Early Childhood (12-24mt), Play assessment is Stage II, Comm. DEALL shows delay in RL and EL skills

CLINICAL IMPRESSION:

Spoken language disorder with bilateral severe to profound hearing loss

MEDICAL EVALUATION (ENT):

(This section contains a large diagonal line, likely indicating no further medical evaluation or a placeholder for a referral.)

EDUCATIONAL/VOCATIONAL EVALUATION: 18/7/2023

- Refer to Parent Infant Programme and advised to attend Parents Meeting

PROVISIONAL DIAGNOSIS:

Spoken language disorder with bilateral severe to profound hearing loss

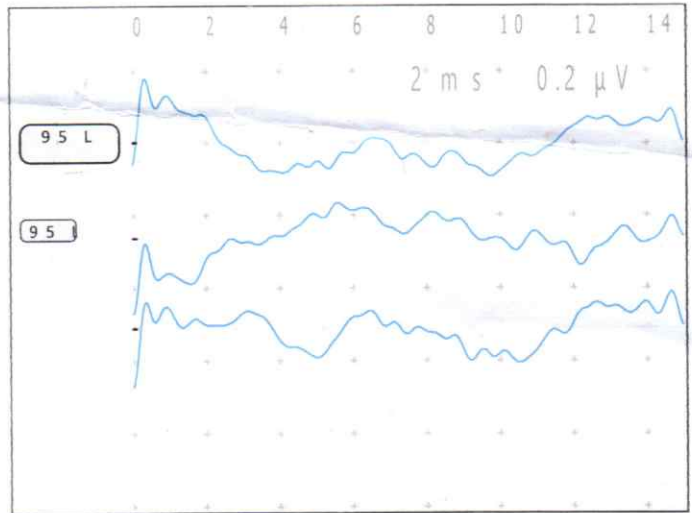
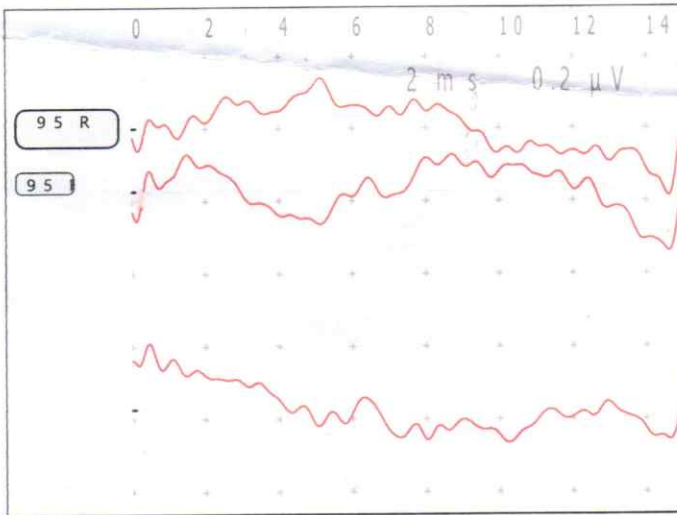
RECOMMENDATION:

- Hearing Aid Trial
- Speech and language stimulation and therapy,

NILRATAN SIRCAR MEDICAL COLLEGE AND HOSPITAL
AUDIO VESTIBULAR CLINIC, ENT OPD
PPP UNIT IN COLLABORATION WITH BARANAGAR SPEECH AND HEARING CLINIC
Exam report

Patient: ADRITI CHOUDHURY, 1Y/F
ABR: ABR 1 channel
 1: Cz-M

Date: 05.04.2023



Trace parameters

N	Electr.	LFF, Hz	HFF, Hz	50 Hz	Rejection $\pm\mu\text{V}$	Aver.	Reject.	Transducer	Stimulus	Noise	Fmp	RN, nV
95 L	Cz-M	100	2000	On	10	2000	0	Headphones	+/-, Click 0.1 ms	Off	0.5	60.8
95 L 2	Cz-M	100	2000	On	10	2000	0	Headphones	+/-, Click 0.1 ms	Off	0.7	41.9
95 L 3	Cz-M	100	2000	On	10	2000	0	Headphones	+/-, Click 0.1 ms	Off	0.4	68.9
95 R	Cz-M	100	2000	On	10	2000	0	Headphones	+/-, Click 0.1 ms	Off	2.3	41.9
95 R 2	Cz-M	100	2000	On	10	2000	0	Headphones	+/-, Click 0.1 ms	Off	1.5	49.4
95 R 3	Cz-M	100	2000	On	10	2000	0	Headphones	+/-, Click 0.1 ms	Off	0.1	79.3

CONCLUSION:

ABR was done under steady state. No identifiable peak V was obtained till 95 dB nHL in both ears. Thus, estimated hearing thresholds for both ears lie beyond ≥ 80 dBHL. Thus, BERA reports are suggestive of suspected **Bilateral Severe to Profound degree of Hearing Loss.**

RECOMMENDATION: ENT CONSULTATION
 HEARING AID TRIAL AND FITTING

Pallavi Kumari
PALLAVI KUMARI
AUDIOLOGIST & SLP
BASLP (WBUHS)