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Patient: Doe, John
DOB: 11/17/1940
Sex: Male
Ref: Smith, M.D.
Site: # 327

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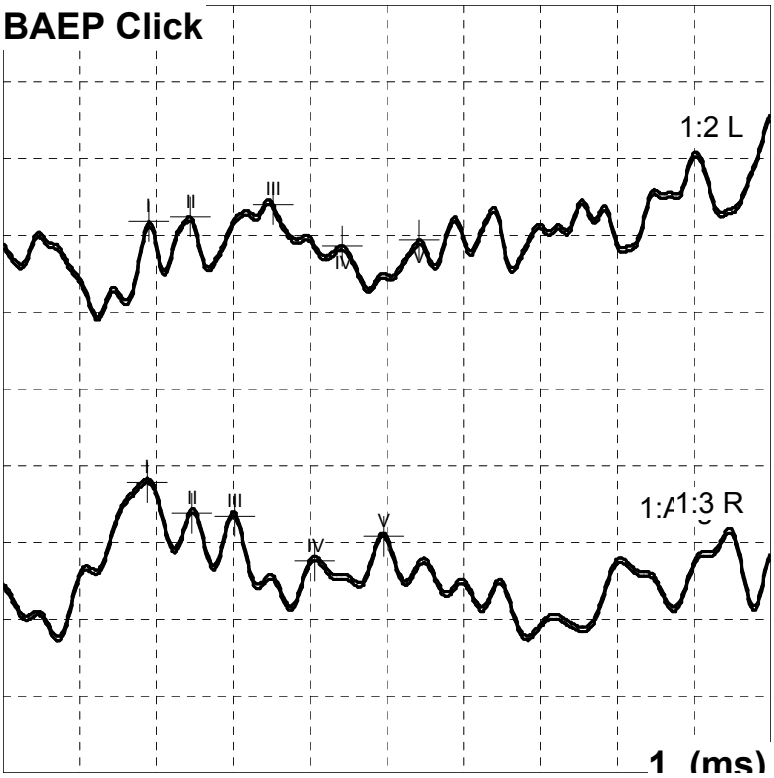
Brainstem Auditory Evoked Potential Report

Brainstem Auditory Evoked Potentials (BAEP) are a clinical tool used in the neurological evaluation of vestibular and auditory signs and symptoms. BAEP provide data pertaining to conduction along the peripheral and central nervous system pathways, and is useful in identifying the location and severity of abnormalities.

A stimulus to the ear elicits a sequence of 5 waves generated by the acoustic nerve and brainstem structures. IPL I-V represents conduction from the acoustic nerve to the upper mid brain. IPL I-III and III-V represents conduction through the lower and upper brainstem, respectively.

Standard protocol was followed, and BAEP was obtained by delivering stimulus (clicks) through an ear phone. Recording electrodes were placed on the vertex and both ears. Sweep time, sensitivity, number of sweeps, stimulus rate, click duration and intensity, and other variables were adjusted appropriately.

RESULTS: The waveform, peak latency, amplitude, and interpeak latency results are indicated below.


BAEP Click
1:2 L
I
II
III
IV
V
1:3 R
I
II
III
IV
V
1 (ms)

BAEP Click

Trace	I (ms)	II (ms)	III (ms)	IV (ms)	V (ms)	I-III (ms)	III-V (ms)	I-V (ms)
Norm	<2.0		<4.5		<6.2	<2.4	<2.3	<4.5
1:Avg R	1.88	2.45	3.02	4.06	4.95	1.14	1.94	3.08
1:2 L	1.91	2.44	3.52	4.42	5.42	1.61	1.91	3.52
L-R Norm						<0.28	<0.32	<0.33
L-R	0.03	0.02	0.50	0.36	0.47	0.47	0.03	0.44

IMPRESSION: The data was analyzed and compared to the established normative values listed above. Subject variables, including age, sex and body temperature were considered. The impression is as follows:

Normal Study.

_____
Board Certified Neurologist
Electronically Signed
Date:
Time:

_____
Tested By:
Abdel Deraz
Clinical Neurophysiology
Active Member ABRET