

Client Number: christy_morehouse Map Date: 3/27/2018

For this report, EEG was recorded from multiple locations across the scalp, digitally converted and analyzed and then presented in a format providing colored headmaps to indicate levels of deviation from mean reference scores. The dimensions of analysis are Magnitude, Dominant Frequency, Interhemispheric Connectivity, and Interhemispheric Asymmetry. These dimensions were chosen based on clinical relevance and correlation with psychometric and neurocognitive measures. The items chosen for analysis are derived from fMRI research and traditional neurological texts.

The mean reference scores utilized for this report are derived from analysis of both normative and non-normative neurometric databases and significance levels are based on clinical correlations with psychometric instruments. This neurometric system was developed exclusively for clinical purposes relating to the practice of neurofeedback and is not intended for clinical diagnosis.

The initial section of the report provides a simplified presentation for the client and shows a single headmap with the most deviant locations. In addition, sections providing "AT A Glance" meters and an affiliated symptom list showing information on "Cognitive Efficiency" and associated features, CNS "Underactivated" and associated features, "Inhibited" behavior and associated features, and "Overactivated" and associated features are displayed. The meters and dashboard lights reflect a probability weighting relating to the influence of each dimension of the individual and do not represent feature severity. Two columns of lights are associated with each feature, one column pertains to the level of client endorsement of an item on a questionnaire that relates to the feature and the other column pertains to the level of probability of the feature being present based on the map analysis alone. When both lights are activated, it suggests a correlation may be present between the item endorsed and the abnormal map feature. False positives and false negatives do occur and often indicate a more complex picture is present that require further analysis.

The next section is a more detailed section that operates in the same manner as the first section. In this section there are detailed head maps presented by dimension of analysis that display the commonly analyzed component bands of delta, theta, alpha, beta and high beta. All locations of the international 10-20 system are rated by colored indicators showing relatively typical ranges of EEG activity or activity levels that are approximately one or two standard deviations too high or too low with respect to the measured populations. It requires considerable training to read this section and it is intended for more detailed analysis by individuals trained in qEEG analysis and Neurofeedback. It is not intended for client presentation.

This same section includes a subcomponent analysis section that provides indicators of global significance levels of each component band broken down into small ranges that have demonstrated clinical relevance in the published peer reviewed literature on EEG. This analysis is based on general volume conduction to provide a general overview of spectral relationship between these subcomponent bands. In addition a midline analysis is provided to estimate the degree to which the individual's overall EEG magnitude deviates from a more normative range of operation. This helps to identify the sub population of clients who have very low EEG power that does not provide a useful contrast between component bands when viewed from this more normative range of analysis. The use of the "Magnitude Contrast" feature in the Magnitude section of the map will provide improved contrast for inspection.





Memory Processing

Math Comprehension





		A 6
	2	9
	0	Poor
CEC	EEG	Symptom

CEC	EEG	Symptom
	0	Declarative
	0	Episodio
	0	Procedural
		Sequential
	0	Short Term
	0	Short Term (Digit Span)
	0	Working

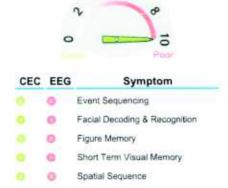


Math Comprehension

Verbal Processing







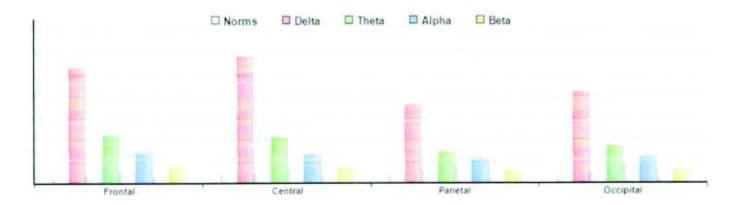
Reading Comprehension



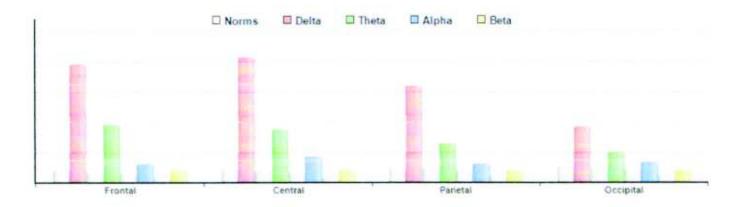
Theta Beta Ratios



Eyes Closed Midline Analysis



Eyes Open Midline Analysis



Subcomponent Analysis

LoiHi Alpha valid only if Gamma filter was set for 8-10hz and User filter was set for 10-12hz when doing map

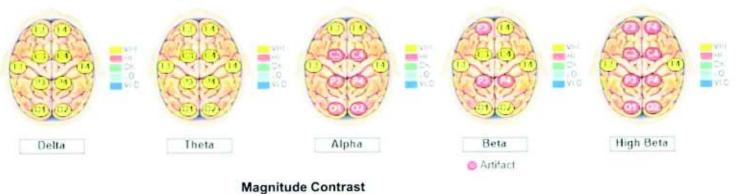
2-4 4-7 8-10 10-12 12-15 15-20 20-30

Delta Theta LoAlpha HiAlpha LoBeta Heta HiBota

Low Θ = Ok Θ High

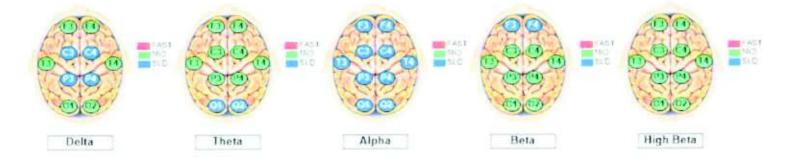
Eyes Closed Brain Maps

Magnitude

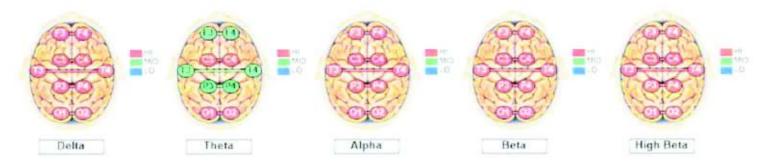




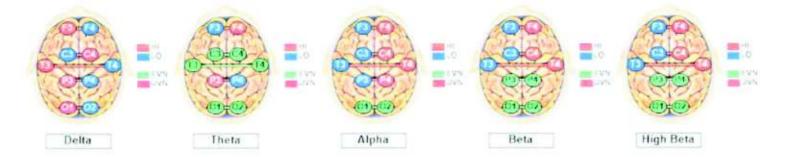
Dominant Frequency



Inter-Connectivity

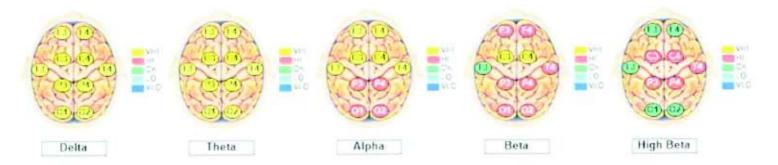


Asymmetry



Eyes Open Brain Maps

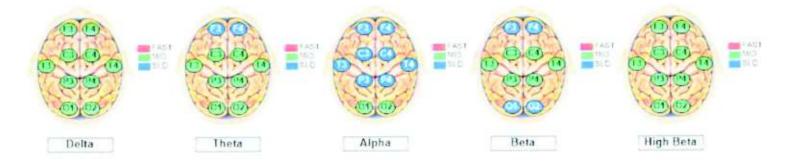
Magnitude



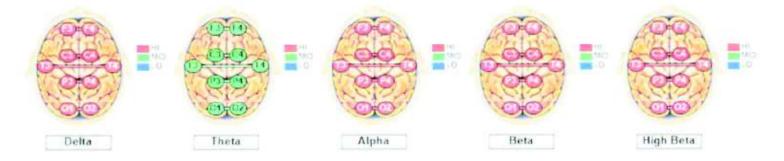
Magnitude Contrast

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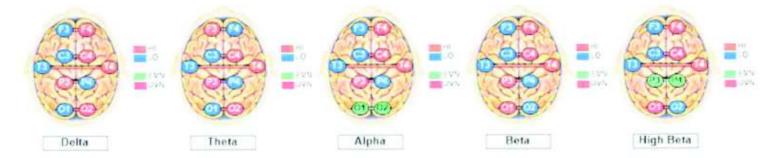
Dominant Frequency



Inter-Connectivity



Asymmetry



Two Channel Protocol Suggestions - Based on Eyes Open Map

Protocol #	Left Protocol	Right Protocol	Sites	Entrainment Frequency	Entrainment Color
3	2-12d 15-20u	2-12d 13-15u	C3/C4	14Hz Left / 18Hz Right	Yellow
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IMPORTANT NOTE: If a patients has a history of epileptic seizures or photic sensitivity you should avoid using the photic lights. You may still run treatment protocols without the photic lights. If a protocol suggests that you use yellow glasses on a client and they have reported symptoms of anxiety use green instead of yellow. Protocol suggestions should not be considered as treatment or cure for any medical conditions.

Suggested Supplements

Acetyl L-Camitine

Alpha-linolenic Acid

Alpha-lipoic Acid

Calcium

Choline

GABA

Inositol

L-Tyrosine

Magnesium

Omega-3s

Pantothenic Acid

Phosphorus

Potassium

Otadolali

Selenium Vitamin Bs

Vitamin C

E11000111111111111111

Vitamin E

Zinc

EEG Readings

120	Eye	s Open EEG R	eadings		E IVE		Closed EEG F	Readings	
rte	Delta	Theta	Alpha	Beta	Site	Delta	Theta	Afgilia	Botos
C3	81.385	34.302	16.765	8.846	C3	117.141	42.564	26.492	14.431
C4	84.049	35.930	17.619	8.937	C4	117,712	42.578	26.903	14.633
Cz	63.825	30.891	12.334	6.900	Cz	48.902	17,561	20.524	10.803
F3	77.714	38.372	12.307	7.697	F3	106.685	43.821	27.513	15.301
F4	78.705	38.278	12.448	8.103	F4	106.086	44.087	27.829	15.501
Fz	71.922	34.936	12.149	7.204	Fz	49.563	18.233	21.443	10.377
01	36.583	19.810	13.282	8.185	01	84.231	34.327	24.035	12.922
02	36.716	20.007	13.245	8.080	02	84.192	34.367	24.030	12.909
P3	64.924	26.213	12.839	8.388	P3	72.857	28.758	22.486	11.756
P4	63.132	25.143	12,368	8,152	P4	72.119	28.649	22.853	11.749
ТЗ	61.222	30.582	12.740	6.268	Т3	119.540	44.378	30.055	17.12
T4	62.626	31.518	13.290	6.828	T4	119.191	44,397	30.284	17.436
	Eyes 0	pen Dominant	Frequency		E CONTRACTOR	Eyes Cl	osed Dominan	t Frequency	
No.	Delta	Theta	Alpha	Seta	Site	Delta		Alpha	Beto
C3	1.708	4.925	9.121	17,173	C3	1.433	5.029	9.406	17.267
C4	1.683	4.932	9.106	17.246	C4	1.424	5.042	9.425	17.194
Cz	1.723	5.095	9.248	17.085	Cz	1.401	5.163	9.483	17.086
F3	1.699	4.816	9.048	17.083	F3	1,510	4.966	9.277	17.032
F4	1.687	4.776	9.080	17.041	F4	1.510	4.997	9.303	17.084
Fz	1.757	5.069	9.161	17.114	Fz	1.423	5.134	9.478	17.001
01	1.557	4.945	9.654	17.041	01	1.558	4.843	9.335	17.245
02	1.573	4.928	9.642	17.010	02	1.562	4.843	9.344	17.233
P3	1,639	5.067	9.299	17.260	P3	1.485	5.169	9.520	17.341
P4	1,626	5.019	9.405	17.311	P4	1.487	5,177	9.558	17.312
T3	1.747	4.994	9.107	17.141	Т3	1.587	5.057	9.496	17.153
		4.973	9.228	17.150	T4	1.589	5.069	9.486	17,174

christy morehouse

Ago: 51 | Female

Client Number christy_morehouse Client Status: A

Profile P

Physiology

ISI

CEC

Cognitive Performance

Brain Maps

Progress Tracking

Client Login

Map reports

Current list of QEEG Assessments. Use this screen to manage, add, view, and delete QEEG/Brainmap reports.

christy_morehouse_3-27

EC Map Date: 3/27/2018

CEC Used: NONE Edit

EO Map Date: 3/27/2018

Client Summary

Dashboard

EC Maps

EO Maps

Supplements

Narrative

EEG Readings

Protocols from Eyes Open Brein Man

Protocol #	Left Protocol	Right Protocol	Sites	Entrainment Frequency	Entrainment Color
3	2-12d 15-20u	2-12d 13-15u	C3/C4	14Hz Left / 18Hz Right	Yellow
3	2-12d 15-20u	2-12d 13-15u	T3/T4	14Hz Left / 18Hz Right	Yellow

Destruction From Four Classed Body Man

Protocol #	Left Protocol	Right Protocol	Sites	Entrainment Frequency	Entrainment Color	
3	2-12d 15-20u	2-12d 13-15u	T3/T4	14Hz Left / 18Hz Right	Yellow	
3	2-12d 15-20u	2-12d 13-15u	C3/C4	14Hz Left / 18Hz Right	Yellow	

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