

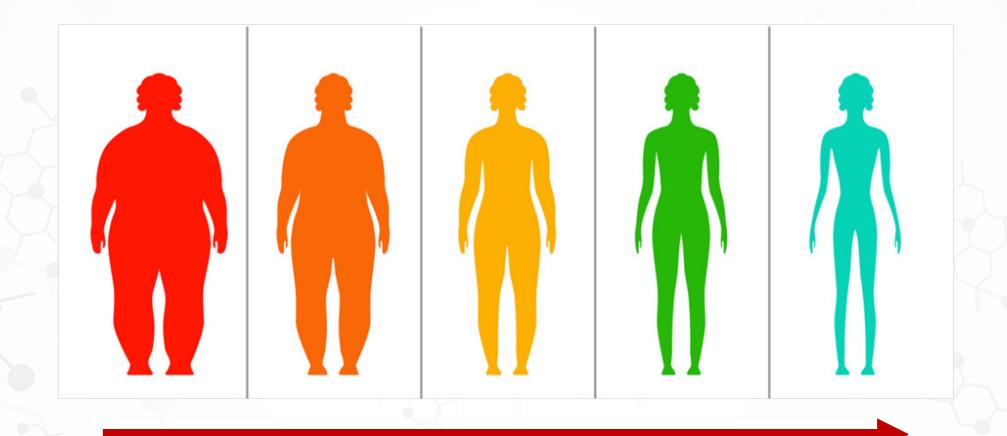
Unlocking the Cognitive Decline Code – Part 4

BIOGENETIX.COM

Disclaimer

- Information in this presentation is not intended, in itself, to diagnose, treat, reverse, cure, or prevent any disease. While this presentation is based on medical literature, findings, and text, The following statements have not been evaluated by the FDA.
- The information provided in this presentation is for your consideration only as a practicing health care provider. Ultimately you are responsible for exercising professional judgment in the care of your own patients.



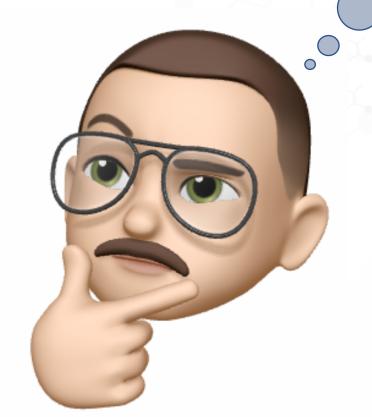


(Lifestyle + Genetics) x Time = Chronic Health IMPROVEMENT



Do I have to run labs?

Are you crazy?





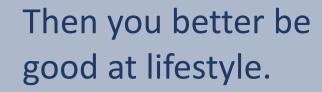
Ok - I'm in.

Congratulations!
You made the right decision..





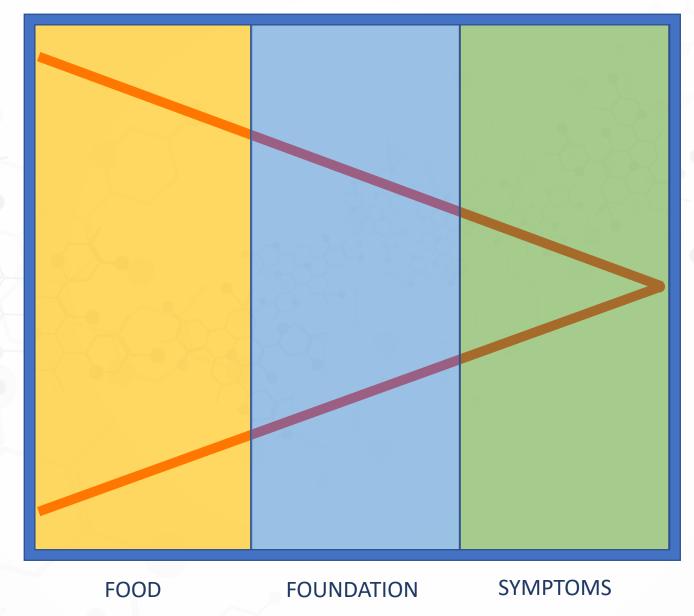
But what if I can't?







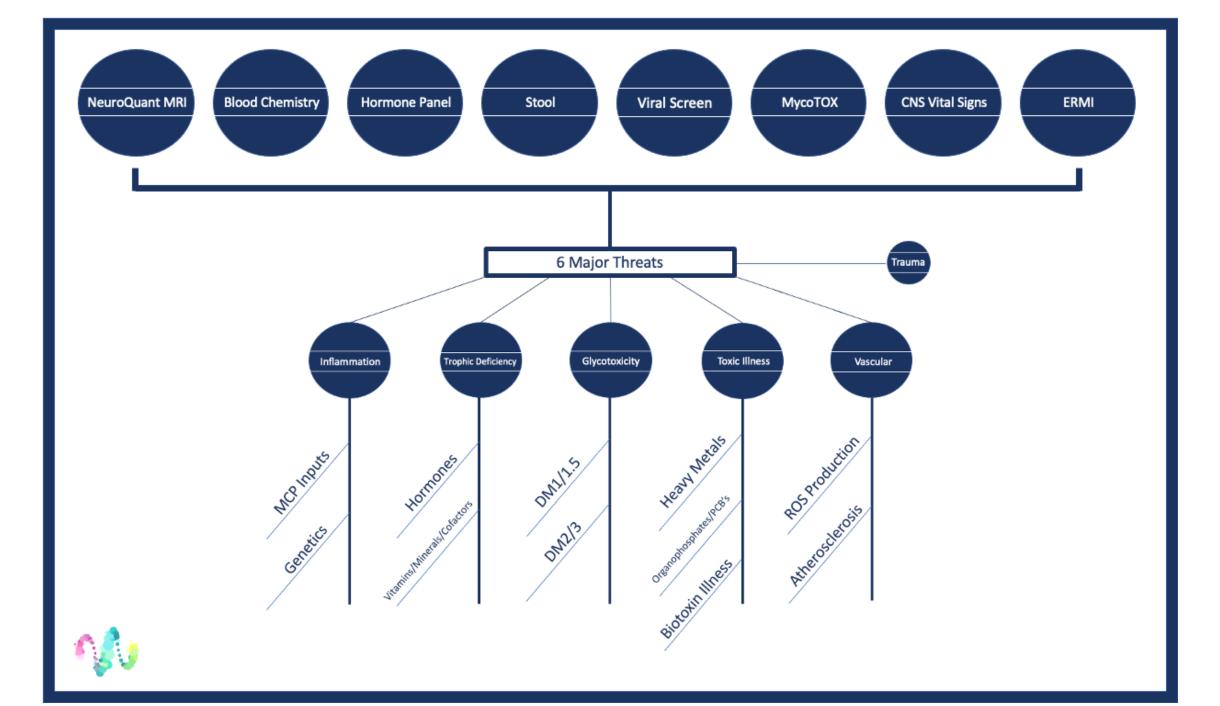
Building Quality of Life

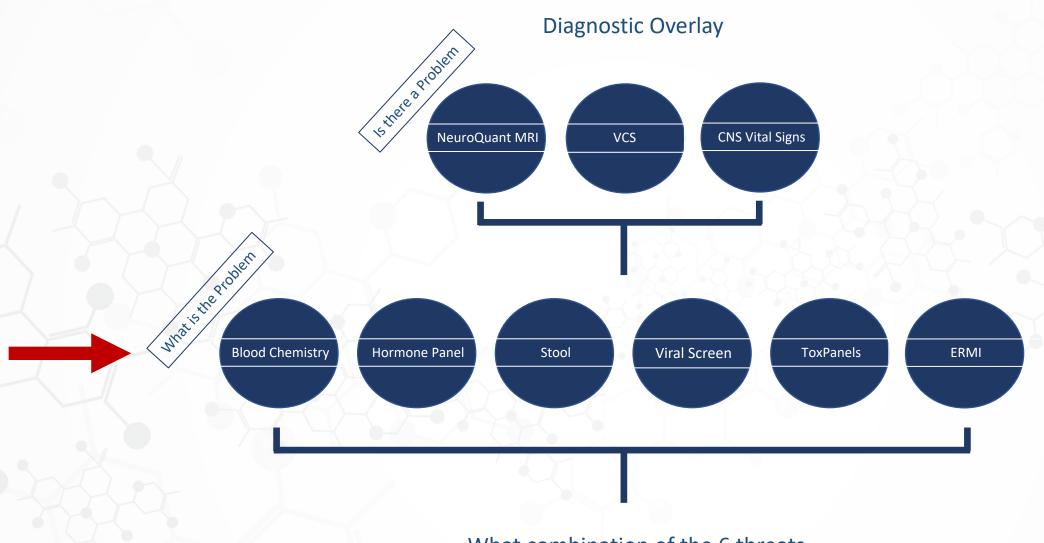


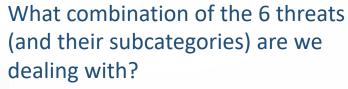


Healthy Severe Brain AD

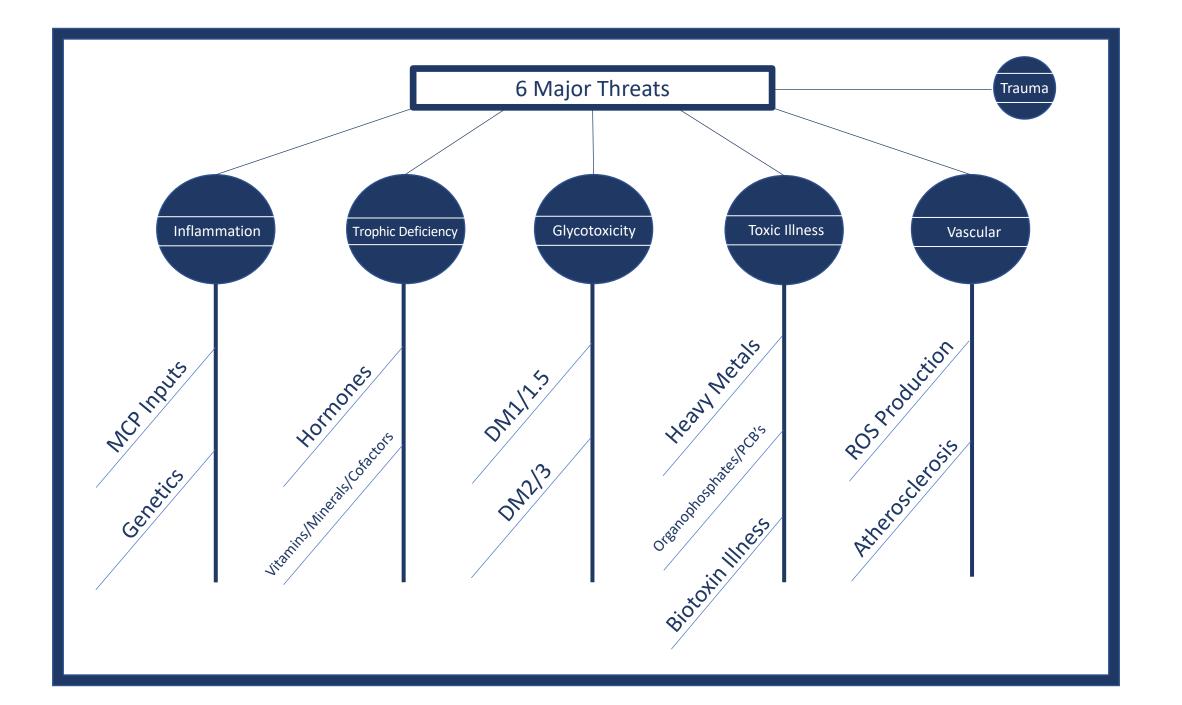












A full walk-through...

Comp. Metabolic Panel (14)					
Glucose	211	High	mg/dL	65-99	01
BUN	24		mg/dL	8-27	01
Creatinine	1.06		mg/dL	0.76-1.27	01
Hgb Alc with eAG Estimation					
Hemoglobin Alc	8.9	High	%	4.8-5.6	01
Please Note:					01
Prediabetes: 5.7	- 6.4				
Diabetes: >6.4					
Glycemic control	for adult	ts with di	iabetes: <7.0		
Estim. Avg Glu (eAG)	209		mg/dL		
C-Peptide, Serum C-Peptide reference interv		High r fasting	ng/mL patients.	1.1-4.4	01

Magnesium	1.4	Low	mg/dL	1.6-2.3	01
Fibrinogen Activity	284		mg/dL	193-507	01
Insulin	16.8		uIU/mL	2.6-24.9	01
Ferritin, Serum	222		ng/mL	30-400	01
C-Reactive Protein, Cardiac		High k for Fu	<i>J</i> ,	0.00-3.00 vascular Event <1.00 1.00 - 3.00 >3.00	01
Vitamin D, 25-Hydroxy 46.1 Vitamin D deficiency has been defined by the Institute of Medicine and an Endocrine Society practice guideline as a level of serum 25-OH vitamin D less than 20 ng/mL (1,2). The Endocrine Society went on to further define vitamin D insufficiency as a level between 21 and 29 ng/mL (2). 1. IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press. 2. Holick MF, Binkley NC, Bischoff-Ferrari HA, et al. Evaluation, treatment, and prevention of vitamin D deficiency: an Endocrine Society clinical practice guideline. JCEM. 2011 Jul; 96(7):1911-30.				01	

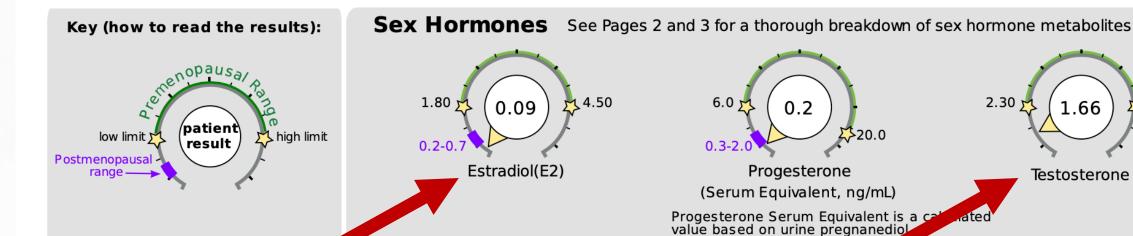
APOE Alzheimer's Risk

Methodology:

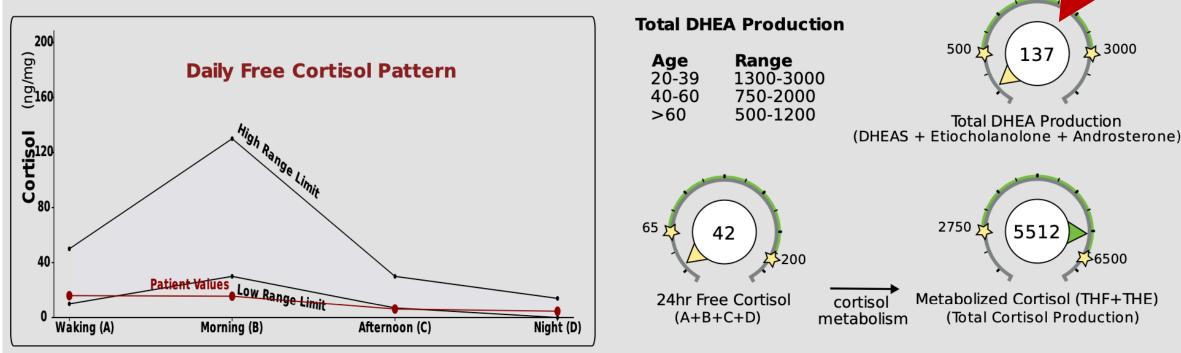
Patient DNA is assayed for the APOE genotype by PCR amplification of a specific region in exon 4 of the APOE gene followed by digestion with restriction enzyme Hha I and separation of fragments by polyacrylamide gel electrophoresis. This approach allows the APOE E2, E3, and E4 alleles to be distinguished. Analytical sensitivity and specificity are >99.5%. Individuals are interpreted as having one of the following genotypes: E2/E2, E3/E3, E4/E4, E2/E3, E2/E4, E3/E4.

APO E Genotyping Result:

E2/E4 (one copy of the APOE4 variant)

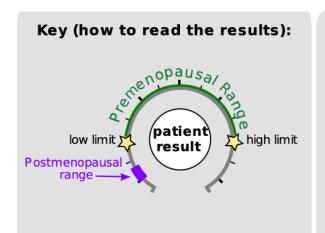


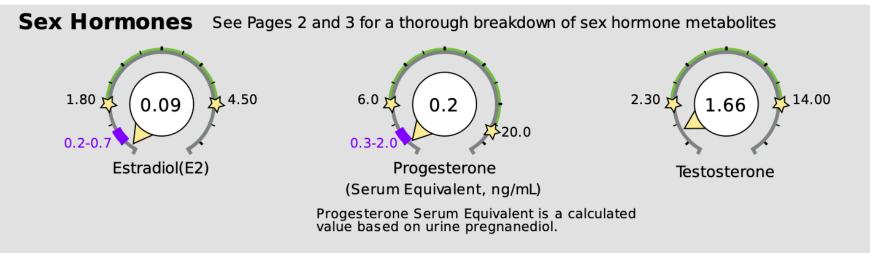
Adrenal Horm ries See pages 4 and 5 for a more complete breakdown of adrenal branches

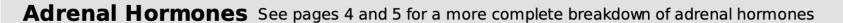


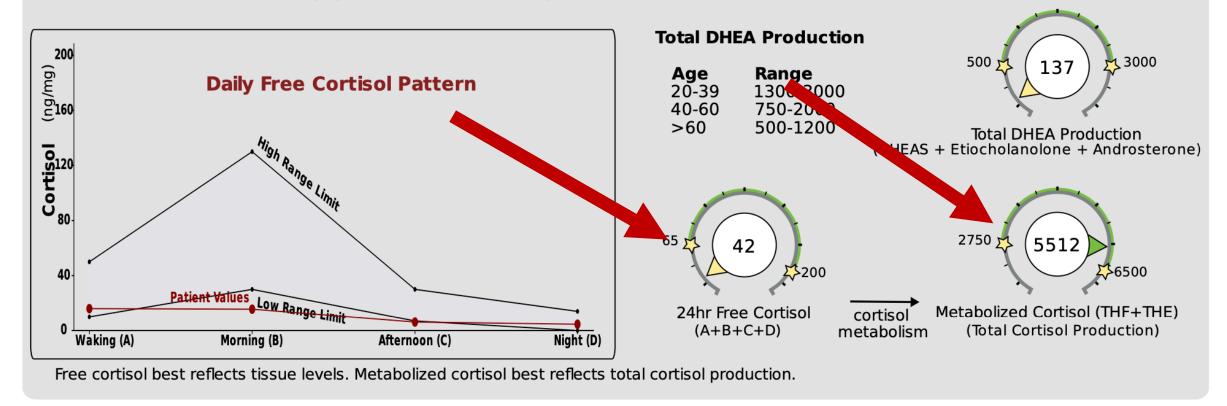
14.00

Free cortisol best reflects tissue levels. Metabolized cortisol best reflects total cortisol production.









Potentially Toxic Elements

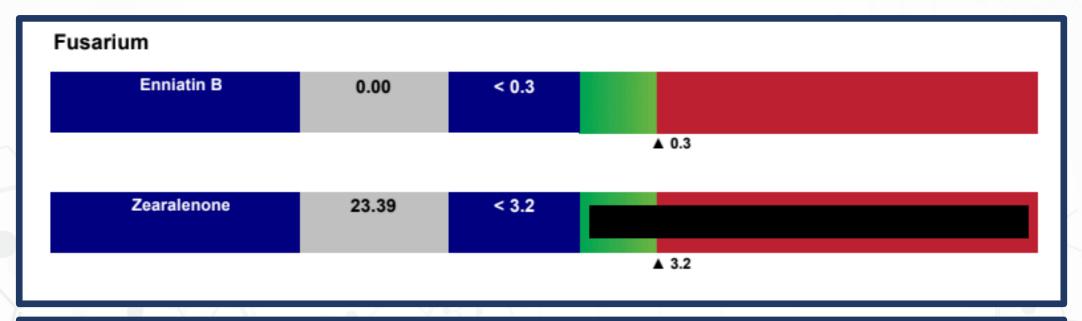
Percentile Rank by Quintile

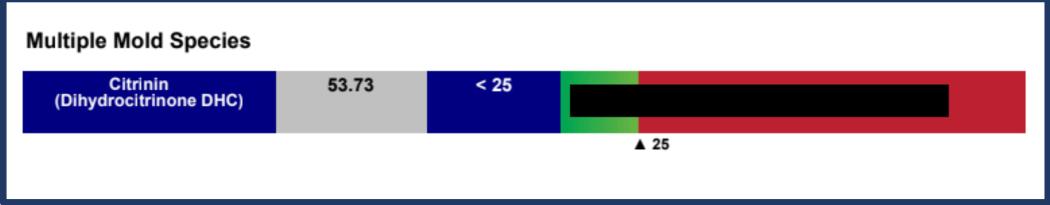
					_		J . 101 10 J			
Element	10/7/2019	NA	Range	Units	20	40	60	80	100	Percentile
Antimony	7.2	NA	<7.1	μg/L						92%
Arsenic	< 0.2	NA	<4.7	μg/L						NA
Cadmium	0.3 B	NA	<0.83	μg/L			-			46%
Cobalt	13.0	NA	<5.0	μg/L						99.9%
Lead	2.00	NA	<2.10	μg/dL					-	87%
Mercury	< 0.1	NA	<5.8	μg/L						NA
Silver	< 0.1	NA	<1.1	μg/L						NA
Strontium	23	NA	<49	μg/L			†			43%

Whole Blood Element Ratios:

Element	10/7/2019	NA	Range	Units	20	40	60	80	100	Percentile
Ca/Mg Ratio	1.75	NA	1.20-1.99	NA						75%
Cu/Zn Ratio	0.21	NA	0.09-0.21	NA				l	l	94%

Mycotox Profile 91.64 mg/dl Creatinine Value: Normal Range * **Abnormal Range** Metabolite Results (ng/g creatinine) **Aspergillus** Aflatoxin-M1 0.00 < 0.5 **▲** 0.5 Ochratoxin A 15.73 < 7.5 **▲** 7.5 Gliotoxin 0.00 < 200 ▲ 200







Group 1; Water Damage Molds

Species	SE/mg			
Aspergillus flavus/oryzae	65	*		
Aspergillus fumigatus	14			
Aspergillus niger	170	*		
Aspergillus ochraceus	1,489	*	*	
Aspergillus penicillioides	2,677	*		
Aspergillus restrictus	678	*	*	
Aspergillus sclerotiorum	11			
Aspergillus sydowii	345	*	*	
Aspergillus unguis	1,346	*	*	
Aspergillus versicolor	984	*	*	
Aureobasidium pullulans	2,160			
Chaetomium globosum	4,980	*	* *	ř
Cladosporium sphaerospermum	421	*		
Eurotium (Asp.) amstelodami	16,721	*	*	
Paecilomyces variotii	3			
Penicillium brevicompactum	1,494	*	*	
Penicillium corylophilum	435	*	*	
Penicillium crustosum	40	*		
Penicillium purpurogenum	10			
Penicillium Spinulosum	22	*		
Penicillium variabile	7			
Scopulariopsis brevicaulis/fusca	N D			
Scopulariopsis chartarum	13			
Stachybotrys chartarum	51	*		
Trichoderma viride	51	*		
Wallemia sebi	885	*		
Sum of Logs	56.8			

Group 2; Common Indoor Molds

Species	SE/mg	
Alternaria alternata	30	
Acremonium strictum	4	
Aspergillus ustus	17	
Cladosporium cladosporioides1	898	
Cladosporium cladosporioides2	227 *	
Cladosporium herbarum	7	
Epicoccum nigrum	13,580 *	*
Mucor amphibiorum	87	
Penicillium chrysogenum	169 *	
Rhizopus stolonifer	N D	
Sum of Logs	17.7	

SE = Spore Equivalents SE/mg = SE/milligrams of sample

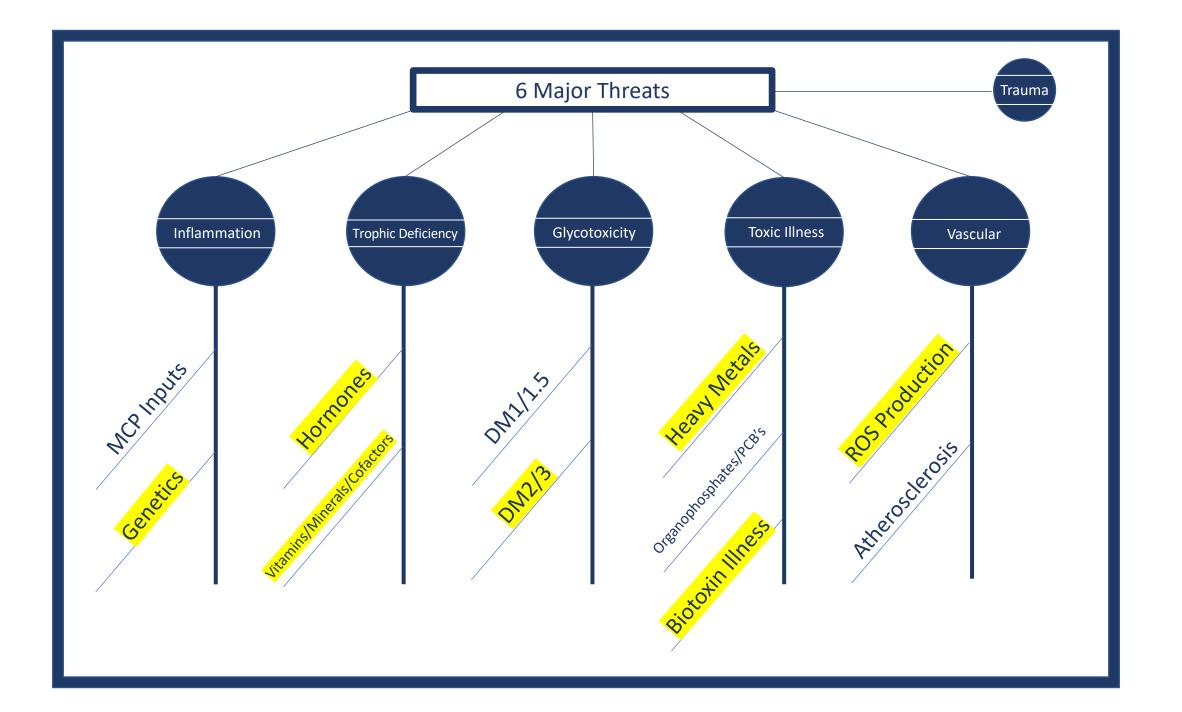
Logs = Logarithms N D = None Detected

Sample Size 4.9 mg

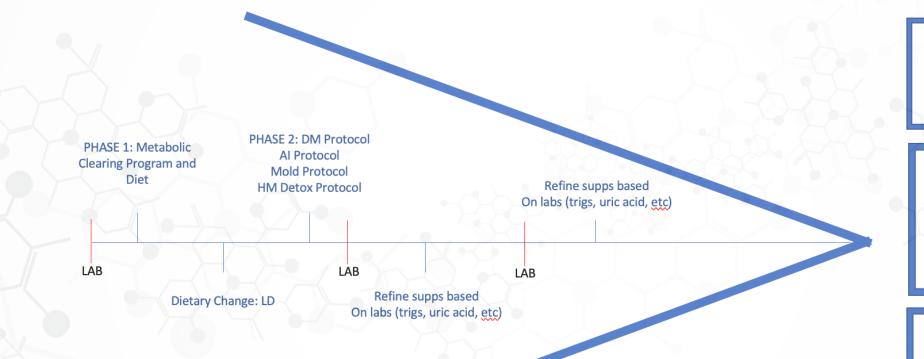
ERMI Results= (G1-G2)

39.1

- (*) 10 fold higher than normal.
- (**) 100 fold higher than normal.
- ***) 1,000 fold higher than normal.



Supplement and Diet Protocols



Retest a lab at least every 60 days.

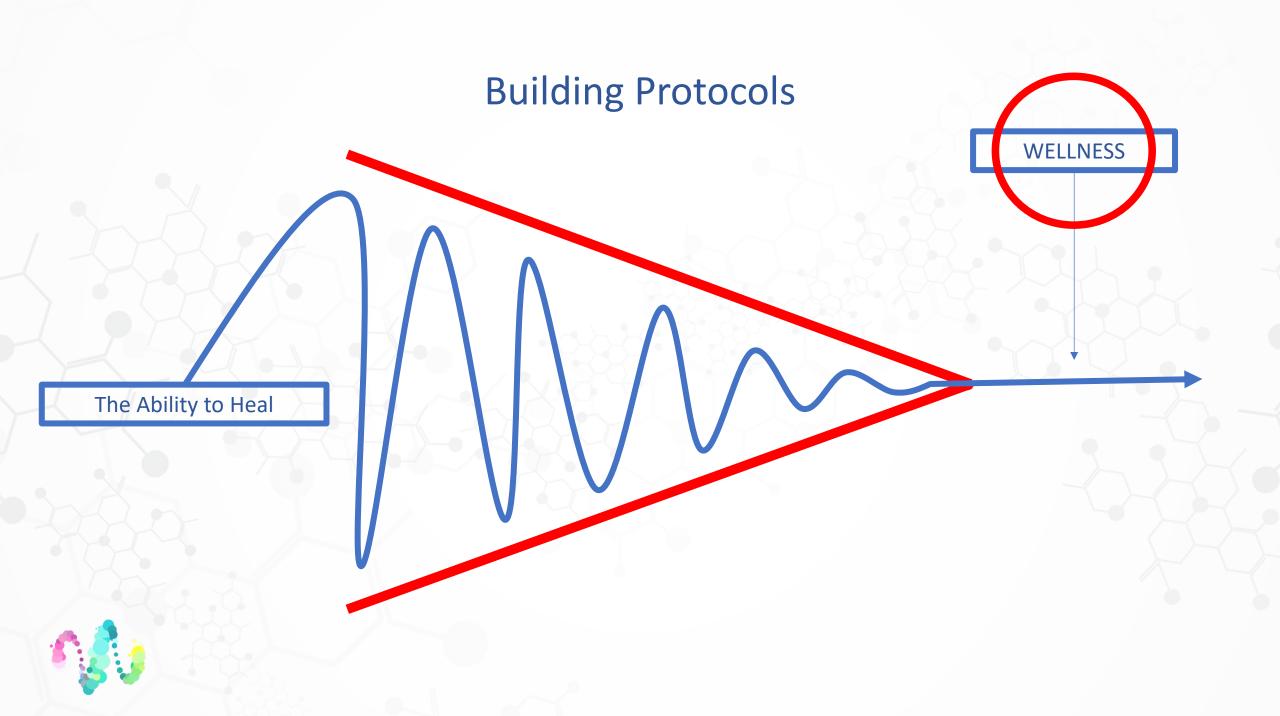
85% of patients will improve with basic structures and healthy eating.

% of problem analysis: this is what the cleanse is for.



General

Fine Tune



Handle Biotoxin Exposure/Phase 1

Metal Exposure/Phase 1

21-Day+ MCP



Trophic/DM2/AI



- 1. Glucostatic Balance
- 2. Effecsulin
- 3. BioG-Max Series
- 4. Omega3 Fish Oil
- 5. D3K2
- 6. Hypaax, PS Support

Direct Cognitive
Support

- 1. The Brain Box
- 2. Foundations



The Biogenetix Brain Box

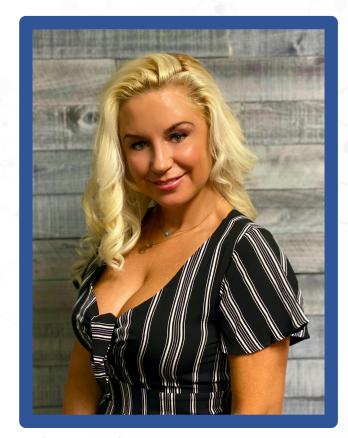




Biogenetix: 833-525-0001



zeb@biogenetix.com



kim@biogenetix.com

