

10/1/08

L. Camo, MD

18824

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	16	< 12	████████████████████	
Antimony	0.077	< 0.060	████████████████████	
Arsenic	0.049	< 0.090	████████████████████	
Beryllium	< 0.01	< 0.020		
Bismuth	0.050	< 2.0	████████████████████	
Cadmium	0.024	< 0.10	████████████████████	
Lead	0.31	< 1.0	████████████████████	
Mercury	0.39	< 1.1	████████████████████	
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.010		
Thorium	< 0.001	< 0.005		
Uranium	0.041	< 0.060	████████████████████	
Nickel	0.19	< 0.40	████████████████████	
Silver	0.06	< 0.10	████████████████████	
Tin	0.20	< 0.30	████████████████████	
Titanium	1.0	< 1.0	████████████████████	
Total Toxic Representation			████████████████████	

ESSENTIAL AND OTHER ELEMENTS							
ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup>	84 <sup>th</sup>	97.5 <sup>th</sup>
Calcium	708	475- 1500			████████████████████		
Magnesium	290	45- 180			████████████████████		
Sodium	90	24- 180			████████████████████		
Potassium	37	20- 80			████████████████████		
Copper	46	9.0- 24			████████████████████		
Zinc	150	130- 200			████████████████████		
Manganese	0.26	0.20- 0.65			████████████████████		
Chromium	0.32	0.20- 0.45			████████████████████		
Vanadium	0.033	0.018- 0.065			████████████████████		
Molybdenum	0.063	0.040- 0.10			████████████████████		
Boron	4.8	0.70- 4.0			████████████████████		
Iodine	0.37	0.25- 1.3			████████████████████		
Lithium	0.021	0.008- 0.040			████████████████████		
Phosphorus	270	350- 600		████████████████████			
Selenium	1.0	0.95- 1.7		████████████████████			
Strontium	1.8	1.0- 8.0		████████████████████			
Sulfur	46100	43000- 50000			████████████████████		
Barium	2.4	0.50- 5.0			████████████████████		
Cobalt	0.023	0.013- 0.050			████████████████████		
Iron	8.5	5.8- 14			████████████████████		
Germanium	0.027	0.045- 0.065	████████████████████				
Rubidium	0.027	0.030- 0.25	████████████████████				
Zirconium	0.97	0.040- 1.0			████████████████████		

SPECIMEN DATA				RATIOS		
<b>COMMENTS:</b>				<b>ELEMENTS</b>	<b>RATIOS</b>	<b>EXPECTED RANGE</b>
Date Collected: 10/8/2008	Sample Size: 0.199 g			Ca/Mg	2.44	4- 30
Date Received: 10/11/2008	Sample Type: Pubic			Ca/P	2.62	1- 12
Date Completed: 10/14/2008	Hair Color:			Na/K	2.43	0.5- 10
	Treatment:			Zn/Cu	3.26	4- 20
Methodology: ICP-MS	Shampoo:			Zn/Cd	> 999	> 800

V06.99



## **Health history for hair test 646**

They are from pubic hair. I am currently 61 years old and a woman. Please note, this was done back in 2008 BEFORE MY AMALGAMS/CROWNS WERE REMOVED AND BEFORE I HAD ANY ROOT CANALS.

Background:

### **1) What are your current symptoms and health history?**

Anxiety, depression, lack of interest, brain fog, socially withdrawn, insomnia, general health decline over last 9 years, though still exercise(jog 3 miles per day) and work full time as a systems analyst, operating well below previous ability level. Diagnosed with Lyme disease and coinfections in 2010. Low adrenal function. Wilson's thyroid syndrome(high reverse T3), low body temperature, hypoglycemic, sensitive to medications/alcohol. Somewhat sensitive to chemical odors, but only marginally. No allergies. Recently, no colds. Immune to flu(always). Symptoms first emerged in teens, though always had high IQ. This has declined rapidly in recent years. Current Lyme disease, but not at time of hair sample. Have done a few Cutler chelation rounds recently. Hair sample BEFORE any chelation.

### **2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...)**

Wisdom teeth removed at age 18. First filling probably before the age of 5. Many replacements to all molars over the year(. 9 crowns by the time I was 59, all since replaced. First root canal was prophelactic in 2010.

### **3) What dental work do you currently have in place? What part of the dental cleanup have you completed?**

9 zirconium crowns, one gutta percha root canal. All amalgam removed 6 months ago. Newly crowned teeth very sensitive.

### **4) What dentistry did your mother have at any time before or during pregnancy?**

Unknown, though I'm sure she had amalgam fillings.

### **5) What vaccinations have you had and when (including flu and especially travel shots)?**

Only normal childhood shots administered during the 1950s in the UK. Maybe a couple of tetanus shots since.

### **6) Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken.**

Nothing.

### **7) Other information you feel may be relevant?**

I seem to be the only person in my immediate family to suffer with psychological disorders, though my siblings have a very different body type and blood type and seem far more robust. I am however, and have always been athletic, small, slender and muscular.

### **8) What is your location - city & country (so that we can learn where certain toxins are more prevalent.**

First 30 years of life(1951 thru 1981), mostly London, England.

Last 31 years, central New Jersey, USA.

Attached are a scanned jpeg version of my test results from 10/1/2008.

I'm particularly concerned about the zinc/copper ratio, and wonder if copper toxicity could play a role.