



PATIENT: 'Bi a Vyf -)'
 SEX: Male
 AGE: 59

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	5.8	< 7.0	
Antimony (Sb)	0.034	< 0.066	
Arsenic (As)	0.024	< 0.080	
Barium (Ba)	0.47	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.020	< 2.0	
Cadmium (Cd)	0.011	< 0.065	
Lead (Pb)	0.58	< 0.80	
Mercury (Hg)	0.04	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.001	< 0.002	
Uranium (U)	0.001	< 0.060	
Nickel (Ni)	0.05	< 0.20	
Silver (Ag)	0.04	< 0.08	
Tin (Sn)	0.16	< 0.30	
Titanium (Ti)	0.38	< 0.60	
Total Toxic Representation			

ESSENTIAL AND OTHER ELEMENTS					
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 th 16 th 50 th 84 th 97.5 th		
Calcium (Ca)	303	200- 750			
Magnesium (Mg)	23	25- 75			
Sodium (Na)	120	20- 180			
Potassium (K)	83	9- 80			
Copper (Cu)	9.7	11- 30			
Zinc (Zn)	170	130- 200			
Manganese (Mn)	0.06	0.08- 0.50			
Chromium (Cr)	0.37	0.40- 0.70			
Vanadium (V)	0.029	0.018- 0.065			
Molybdenum (Mo)	0.030	0.025- 0.060			
Boron (B)	0.88	0.40- 3.0			
Iodine (I)	0.50	0.25- 1.8			
Lithium (Li)	< 0.004	0.007- 0.020			
Phosphorus (P)	202	150- 220			
Selenium (Se)	1.8	0.70- 1.2			
Strontium (Sr)	1.2	0.30- 3.5			
Sulfur (S)	49400	44000- 50000			
Cobalt (Co)	0.003	0.004- 0.020			
Iron (Fe)	8.9	7.0- 16			
Germanium (Ge)	0.042	0.030- 0.040			
Rubidium (Rb)	0.11	0.011- 0.12			
Zirconium (Zr)	0.14	0.020- 0.44			

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 04/24/2014	Sample Size: 0.201 g	Ca/Mg	13.2	4- 30
Date Received: 04/29/2014	Sample Type: Head	Ca/P	1.5	0.8- 8
Date Completed: 05/02/2014	Hair Color: Brown	Na/K	1.45	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	17.5	4- 20
	Shampoo: Dr Bronners Soap	Zn/Cd	> 999	> 800

What are your current symptoms?

Brain fog and poor memory
MCS
Sensitive to RF and EMF
Poor Spelling
Fatigue & low energy, sometimes lethargic
Gastric Reflux
Airborne allergies
Poor sense of smell
Tinnitus
Poor handwriting
MSG intolerance
Lowered body temp
Elevated blood pressure
Stomach ulcer
Geographic tongue
Slight tremor in my left hand (less since FDC type supplementing)
Blurred vision (varies)
Dry skin

What is your health history?

I used to have lots of energy in the late 1980's. Very sharp. Top of my game. Symptoms have gotten worse over the years since then, especially in the last couple of years. I have started feeling much better since I've been supplementing the FDC way.

Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)

All wisdom teeth removed when I was 18 or 19 years old.
An infected molar was extracted in 2005.

What dental work do you currently have in place? What part of the dental clean-up have you completed?

I have about 14 amalgam fillings and 3 root canals still in place.

What dentistry did your mother have at any time before or during pregnancy?

She had a number of amalgam fillings in place at the she was pregnant with me.

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

I had flu shots every year except for the last couple of years. When I traveled to Europe in the 1980's I'm sure I got all the required vaccines you had to get at the time.

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

I used to take a multivitamin and a b complex once a day. Within the last couple of months, I've been taking most supplements on this list multiple times a day (if I don't forget.)

Vitamin A 10,000 iu
Vitamin B Complex 100
B1 100mg Thiamin
B2 100mg Riboflavin
B3 100mg Niacin
B5 100mg d-calcium pantothenate
B6 100mg pyridoxine HCl

B12 100mg cobalamin
Biotin 100mg d-biotin
Folic acid 400mg
Vitamin C 1000mg
Hisperadin 40mg
Rose Hips 25mg
Bioflavanoid Complex 100mg
Vitamin D3 1000 iu – this is included in the Calcium Capsule
Vitamin E 1000-3000 iu daily
Magnesium Citrate 400mg
Zinc 50 mg
Milk Thistle Extract 300mg
Calcium 1200mg

What is your age, height and weight?

Age: 59. Height: 5'11". Weight: 190 lbs.

Other information you feel may be relevant?

I played with mercury from a broken thermometer when I was a child
I wore contact lenses in the late 1980's through early 1990's

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

New Jersey, USA