



PATIENT: Number 746
 SEX: Male
 AGE: 25

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	1.0	< 7.0	
Antimony (Sb)	0.012	< 0.066	
Arsenic (As)	0.046	< 0.080	
Barium (Ba)	0.07	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.013	< 2.0	
Cadmium (Cd)	0.017	< 0.065	
Lead (Pb)	0.09	< 0.80	
Mercury (Hg)	0.35	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.004	< 0.060	
Nickel (Ni)	0.32	< 0.20	
Silver (Ag)	0.03	< 0.08	
Tin (Sn)	0.03	< 0.30	
Titanium (Ti)	0.18	< 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)	274	200- 750			
Magnesium (Mg)	27	25- 75			
Sodium (Na)	20	20- 180			
Potassium (K)	7	9- 80			
Copper (Cu)	13	11- 30			
Zinc (Zn)	190	130- 200			
Manganese (Mn)	0.05	0.08- 0.50			
Chromium (Cr)	0.44	0.40- 0.70			
Vanadium (V)	0.029	0.018- 0.065			
Molybdenum (Mo)	0.044	0.025- 0.060			
Boron (B)	0.62	0.40- 3.0			
Iodine (I)	0.47	0.25- 1.8			
Lithium (Li)	0.008	0.007- 0.020			
Phosphorus (P)	117	150- 220			
Selenium (Se)	0.67	0.70- 1.2			
Strontium (Sr)	0.37	0.30- 3.5			
Sulfur (S)	47200	44000- 50000			
Cobalt (Co)	0.005	0.004- 0.020			
Iron (Fe)	6.9	7.0- 16			
Germanium (Ge)	0.022	0.030- 0.040			
Rubidium (Rb)	0.009	0.011- 0.12			
Zirconium (Zr)	0.024	0.020- 0.44			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 02/22/2013		Ca/Mg	10.1
Date Received: 02/26/2013		Ca/P	2.34
Date Completed: 03/05/2013		Na/K	2.86
Methodology: ICP/MS		Zn/Cu	14.6
Sample Size: 0.201 g	Sample Type: Head	Zn/Cd	> 999
Hair Color: Brown	Treatment:		
Shampoo: Tresemmé			
		RANGE	
			4- 30
			0.8- 8
			0.5- 10
			4- 20
			> 800

Health history for hair test 746

What are your current symptoms and health history?

Key symptoms-

Very low sex drive

Very cold

Poor digestion

Intolerant to wheat, dairy, gluten

Hair loss

Rosacea

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

1 Amalgam fitted around 14 years ago and removed 6 months ago, replaced with a composite filling. I had braces for 2 years aged 11-13. No other dental work of relevance.

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

Amalgam removed in safe procedure 6 months ago. No other clean up work done.

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

She has multiple mercury amalgams (approximately 4-5) and has done for years.

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

MMR, diphtheria, tetanus, whooping cough, polio, meningitis

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

None in the months leading up to the test apart from 1 tablet of gaba per day (I shaved my head and took no supplements during the period of growth up until I cut the sample). Prior to this I have been taking 400mg magnesium, 10,000iu vitamin d, adrenal extract and thyroid extract each day.

What is your age, height and weight?

25 years old; 5,11, 155 lbs

Other information you feel may be relevant?

I took a small amount of a drug called propecia (20mg) - which contains finsasteride - and helps prevent hair loss, 4.5 years ago. The symptoms I listed above came about after this.

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

London, UK for 3 years. Grew up in the countryside in Yorkshire