



PATIENT: Number 715
 SEX: Female
 AGE: 65

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	1.2	< 7.0	
Antimony (Sb)	< 0.01	< 0.050	
Arsenic (As)	0.011	< 0.060	
Barium (Ba)	0.94	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.024	< 2.0	
Cadmium (Cd)	0.010	< 0.050	
Lead (Pb)	0.22	< 0.60	
Mercury (Hg)	1.6	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.009	< 0.060	
Nickel (Ni)	0.45	< 0.30	
Silver (Ag)	0.08	< 0.15	
Tin (Sn)	0.51	< 0.30	
Titanium (Ti)	0.32	< 0.70	
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)	4830	300- 1200	
Magnesium (Mg)	66	35- 120	
Sodium (Na)	6	20- 250	
Potassium (K)	3	8- 75	
Copper (Cu)	94	11- 37	
Zinc (Zn)	150	140- 220	
Manganese (Mn)	0.13	0.08- 0.60	
Chromium (Cr)	0.34	0.40- 0.65	
Vanadium (V)	0.013	0.018- 0.065	
Molybdenum (Mo)	< 0.01	0.020- 0.050	
Boron (B)	0.23	0.25- 1.5	
Iodine (I)	0.45	0.25- 1.8	
Lithium (Li)	0.004	0.007- 0.020	
Phosphorus (P)	130	150- 220	
Selenium (Se)	0.27	0.55- 1.1	
Strontium (Sr)	8.7	0.50- 7.6	
Sulfur (S)	45900	44000- 50000	
Cobalt (Co)	0.021	0.005- 0.040	
Iron (Fe)	15	7.0- 16	
Germanium (Ge)	0.032	0.030- 0.040	
Rubidium (Rb)	< 0.003	0.007- 0.096	
Zirconium (Zr)	0.10	0.020- 0.42	

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 01/12/2013	Sample Size: 0.2 g	Ca/Mg	73.2
Date Received: 01/17/2013	Sample Type: Head	Ca/P	37.2
Date Completed: 01/18/2013	Hair Color:	Na/K	2
Methodology: ICP/MS	Treatment: Dye	Zn/Cu	1.6
	Shampoo:	Zn/Cd	> 999
		RANGE	
			4- 30
			1- 12
			0.5- 10
			4- 20
			> 800

Health history for hair test 715

What are your current symptoms and health history?

High night cortisol
Normal day cortisol
Recovered Hypothyroidism
Very mild anxiety occasionally
Insomnia, variable
Fatigue when insomnia is prevalent
Rosacea

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

No wisdom teeth removed
3 extractions
Root canal first placed 12 yrs ago (2001) removed 2012
First amalgam – unknown

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

All amalgams removed 2012 – 12 of them with an Holistic dentist with protection protocols
Have porcelain inlays, onlays, a bridge, non amalgam small fillings, a crown

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

Unknown

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

TB vaccination at 12yrs old
Tetanus – 2008
Typhoid, Yellow Fever etc - 1979
No flu jabs

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

Total Daily Intake
Naturethroid – 1/2 grain
Iodine - 3 drops

Siberian Ginseng 1500mg

Adrenal Complex – 165mg
DHEA - 25mg
Omegas – EPA – 800mg – DHA - 400mg

Selenium - 200ug
Boron – 3mg
Iron – 48mg
Garlic – 400mg
Biotin - 200ug
B1 - 150mg

B50 x 1 tablet

B5 – Pantothenic Acid - 1000mg

D3 - 1000iu

GTF Chromium - 200ug

Methyl B12 – 1000mg

Co-Enzyme Q10 – 200mg

Vit C – 3000mg

L-Lysine – 1000mg

Zinc – 30mg

Magnesium – 400mg

What is your age, height and weight?

65 yrs,

5'3"

133 lbs

Other information you feel may be relevant?

I have tinted hair, although use hair dye that has no PPD or Resorcinol in it.

Have had Infectious Hepatitis – 1974

Amoebic Dysentery - 1979

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

United Kingdom – City Woking