



PATIENT: Number 834
 SEX: Female
 AGE: 59

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	0.6	< 7.0	
Antimony (Sb)	0.013	< 0.050	
Arsenic (As)	0.034	< 0.060	
Barium (Ba)	1.8	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.011	< 2.0	
Cadmium (Cd)	0.024	< 0.050	
Lead (Pb)	0.37	< 0.60	
Mercury (Hg)	0.26	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.002	< 0.060	
Nickel (Ni)	0.26	< 0.30	
Silver (Ag)	0.20	< 0.15	
Tin (Sn)	0.02	< 0.30	
Titanium (Ti)	0.44	< 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)	1010	300- 1200	
Magnesium (Mg)	180	35- 120	
Sodium (Na)	68	20- 250	
Potassium (K)	15	8- 75	
Copper (Cu)	16	11- 37	
Zinc (Zn)	160	140- 220	
Manganese (Mn)	0.62	0.08- 0.60	
Chromium (Cr)	0.40	0.40- 0.65	
Vanadium (V)	0.017	0.018- 0.065	
Molybdenum (Mo)	0.038	0.020- 0.050	
Boron (B)	0.74	0.25- 1.5	
Iodine (I)	0.63	0.25- 1.8	
Lithium (Li)	0.006	0.007- 0.020	
Phosphorus (P)	232	150- 220	
Selenium (Se)	0.56	0.55- 1.1	
Strontium (Sr)	2.7	0.50- 7.6	
Sulfur (S)	49300	44000- 50000	
Cobalt (Co)	0.56	0.005- 0.040	
Iron (Fe)	7.6	7.0- 16	
Germanium (Ge)	0.030	0.030- 0.040	
Rubidium (Rb)	0.018	0.007- 0.096	
Zirconium (Zr)	0.015	0.020- 0.42	

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 07/30/2013	Sample Size: 0.198 g	Ca/Mg	5.61
Date Received: 08/05/2013	Sample Type: Head	Ca/P	4.35
Date Completed: 08/08/2013	Hair Color: Brown	Na/K	4.53
Methodology: ICP/MS	Treatment:	Zn/Cu	10
	Shampoo:	Zn/Cd	> 999
		RANGE	
			4- 30
			1- 12
			0.5- 10
			4- 20
			> 800

Health history for hair test 834

What are your current symptoms and health history? Chronic fatigue, depression, either constipation or diarrhea, brain fog, short term memory problems, food intolerances, hay fever, restless leg, head tremor, nausea, hot flashes, muscle weakness, muscle aches, dizzy spells, hypoglycemia, extremely intolerance to heat, mood swings, light sensitivity I had most of these symptoms all my life but the depression is getting really bad. In 2009 I had a meningioma removed from my spine.

Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...) I still have 3 wisdom teeth. One was removed around 10 years ago. First amalgam: I was around 7 years old; First root canal: around 12. I had many amalgams unsafely removed/replaced by amalgams

What dental work do you currently have in place? What part of the dental clean-up have you completed? In 2008 I had safely removed 7 big amalgams and extracted 7 teeth with root canal treatment during which I took lots of chlorella and IV Glutathione. I have one gold crown left everything else is white filling. No tattoo left What dentistry did your mother have at any time before or during pregnancy? She had amalgams

What vaccinations have you had and when (including flu and especially travel shots)? compulsory vaccines at school, allergy shots during 2 years when I was 24, travel shots before going to Africa when I was 29, one flu vaccine when I was around 42, 8 travel shots this February before going to Nepal.

Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken? I
ntestaclear – 2 caps 2x a day
Hydrozyme from Orthoplex – 1 tablet 3x a day Enzyme Support from Nutrimericine – 2 caps 2x a day Antioxidants support – 1 teaspoon 1x a day
Activated b6 p5p from Orthoplex - 1 tablet 3x a day
Zinc Citrate – 50 mg 1cap 1x a day
Vit C – 1000mg per day

What is your age, height and weight? 59 years old, 1.70m, 65kg

Other information you feel may be relevant? I grew up in Brazil and lived there until I was 22, then lived in Switzerland until 32 and from then on I lived in Sydney, Australia

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