



PATIENT: Number 590
 SEX: Female
 AGE: 47

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	1.9	< 7.0	
Antimony (Sb)	< 0.01	< 0.050	
Arsenic (As)	0.11	< 0.060	
Barium (Ba)	0.90	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.081	< 2.0	
Cadmium (Cd)	< 0.009	< 0.050	
Lead (Pb)	0.21	< 0.60	
Mercury (Hg)	1.4	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	0.004	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.062	< 0.060	
Nickel (Ni)	0.07	< 0.30	
Silver (Ag)	0.03	< 0.15	
Tin (Sn)	0.03	< 0.30	
Titanium (Ti)	0.36	< 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)	745	300- 1200			
Magnesium (Mg)	130	35- 120			
Sodium (Na)	280	20- 250			
Potassium (K)	47	8- 75			
Copper (Cu)	42	11- 37			
Zinc (Zn)	270	140- 220			
Manganese (Mn)	0.22	0.08- 0.60			
Chromium (Cr)	0.38	0.40- 0.65			
Vanadium (V)	0.032	0.018- 0.065			
Molybdenum (Mo)	0.037	0.020- 0.050			
Boron (B)	0.85	0.25- 1.5			
Iodine (I)	0.94	0.25- 1.8			
Lithium (Li)	0.007	0.007- 0.020			
Phosphorus (P)	175	150- 220			
Selenium (Se)	1.0	0.55- 1.1			
Strontium (Sr)	3.4	0.50- 7.6			
Sulfur (S)	47300	44000- 50000			
Cobalt (Co)	0.014	0.005- 0.040			
Iron (Fe)	7.7	7.0- 16			
Germanium (Ge)	0.033	0.030- 0.040			
Rubidium (Rb)	0.053	0.007- 0.096			
Zirconium (Zr)	0.058	0.020- 0.42			

SPECIMEN DATA		RATIOS	
COMMENTS: results checked		ELEMENTS	RATIOS
Date Collected: 1/3/2012	Sample Size: 0.201 g	Ca/Mg	5.73
Date Received: 1/7/2012	Sample Type: Head	Ca/P	4.26
Date Completed: 1/11/2012	Hair Color: Black	Na/K	5.96
Methodology: ICP/MS	Treatment:	Zn/Cu	6.43
	Shampoo: Whole Foods	Zn/Cd	> 999
		RANGE	
			4- 30
			1- 12
			0.5- 10
			4- 20
			> 800

Health history for hair test 590

1. What are your current symptoms and health history?
2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)
3. What dental work do you currently have in place? What part of the dental clean-up have you completed?
4. What dentistry did your mother have at any time before or during pregnancy?
5. What vaccinations have you had and when (including flu and especially travel shots)?
6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?
7. What is your age, height and weight?
8. Other information you feel may be relevant?
9. What is your location – city & country (so that we can learn where certain toxins are more prevalent).

1. Have been chelating for past 5 months. Depression, brain fog, moodiness, fatigue all gotten better recently. Still have cold hands and feet, tinnitus....

2. Wisdom teeth removed more than 15 years ago. About 2 years ago, replaced all amalgam filling(4), still have root canal teeth(3)

3. Will look into more about root canal, even though 2 dentists both said no more amalgam.

4. Mother had no amalgam.

5. Got all the vaccination plus traveling shots, no flu shot

6. Before the hair test i was taking minimal supplement. I started with 500mg of DMSA 3 times a day for 3 days out of 2 weeks for few times. Then I read Andy Cutler's book, and change to 300mg 6 times a day, since I didn't have much side effect. I did that for 2 rounds. I got scare from reading yahoo group messages and decided to go down to 100mg DMSA and 100mg ALA. I didn't have much side effect. I only felt a lot better when I supplement according to the AC's book. All of a sudden I feel like myself again.

7. 47 female, 5 feet 111 lb.

8. Oh, in 2007 my OBGYN suggested me to take Gardasil(HPV prevention) shots. I was ignorant to take all 3 shots. 2008 I became post menopause at the age of 43. That's when all hell broke loose, all the problem started from there.

9. Born in Hong Kong, live in US for 33 years, now live in California.

Thanks
Louisa(Tanlui)