

# HAIR ELEMENTS



**PATIENT: Number 462**  
**SEX: Male**  
**AGE: 50**  
**LOCATION: Toronto, Canada**

## POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	9.2	< 12		
Antimony	0.013	< 0.080		
Arsenic	0.078	< 0.12		
Barium	0.20	< 1.5		
Beryllium	< 0.01	< 0.020		
Bismuth	0.10	< 2.0		
Cadmium	0.029	< 0.065		
Lead	0.12	< 1.5		
Mercury	0.60	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.041	< 0.060		
Nickel	0.06	< 0.40		
Silver	0.04	< 0.10		
Tin	0.04	< 0.30		
Titanium	0.48	< 0.70		
Total Toxic Representation				

## ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup>	84 <sup>th</sup>	97.5 <sup>th</sup>
Calcium	254	375- 1100					
Magnesium	24	40- 140					
Sodium	62	60- 400					
Potassium	19	28- 160					
Copper	9.8	11- 32					
Zinc	150	120- 200					
Manganese	0.05	0.15- 0.65					
Chromium	0.38	0.40- 0.70					
Vanadium	0.037	0.018- 0.065					
Molybdenum	0.057	0.040- 0.080					
Boron	0.81	0.40- 2.5					
Iodine	5.4	0.25- 1.8					
Lithium	< 0.004	0.008- 0.030					
Phosphorus	191	200- 300					
Selenium	0.93	0.80- 1.3					
Strontium	0.54	1.0- 6.0					
Sulfur	48100	41000- 47000					
Cobalt	0.013	0.006- 0.035					
Iron	7.2	7.0- 16					
Germanium	0.033	0.030- 0.040					
Rubidium	0.032	0.030- 0.25					
Zirconium	2.4	0.040- 1.0					

### SPECIMEN DATA

**COMMENTS:**  
 Date Collected: 3/17/2011      Sample Size: 0.175 g  
 Date Received: 3/22/2011      Sample Type: Pubic  
 Date Completed: 3/27/2011      Hair Color:  
 Client Reference:      Treatment:  
 Methodology: ICP-MS      Shampoo:

V010.08

### RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	10.6	4- 30
Ca/P	1.33	0.8- 8
Na/K	3.26	0.5- 10
Zn/Cu	15.3	4- 20
Zn/Cd	> 999	> 800

## **Health history for hair test 462**

### **What are your current symptoms and health history?**

My Symptoms: all of which are in Amalgam Illness by Dr.Cutler

- vertigo
- Very dry hands, feet and scalp which crack and bleed
- vertical ridges on nails
- brittle nails
- sinus congestion
- runny nose
- watery eyes sensitive to light
- diminished sense of smell and taste
- hard to hear conversations in a room with lots of people or background noise
- dry brittle thinning hair with no shine
- no hair on lower legs with slow growth on outer third of eyebrows
- receding bleeding gums
- bad breath
- tingling fingers
- difficulty enunciating words
- difficulty writing ( used to have nice hand writing )
- cold hands and feet when I used to always be warm
- muscles fatigue fast
- horrible short term memory
- general lack of enthusiasm for life and personal relationships
- small problems seem so big
- easily agitated
- irritable and sensitive at seemingly innocent remarks

- life feels monochrome
- lack of interest in socializing
- poor sleep patterns circadian rhythm messed up
- difficulty concentrating
- difficulty finding the right words to convey what I want to say
- takes a lot of effort to think clearly
- don't dream very often
- waking up at night at least once or twice to pee
- very low cholesterol
- low thyroid
- very low testosterone
- low cortisol
- minerals out of balance
- hormones out of balance
- unexplained neck and upper back tension
- diarrhea/constipation
- neuropathy
- restless leg syndrome
- sneeze for no reason

**Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...) What dental work do you currently have in place? What part of the dental clean-up have you completed?**

I was very young when I got my first amalgam, prob 10 or 11 is my best guess. I ended up with eight amalgams by the time I was in my thirties, with a couple occasions where a few were replaced with new ones. My one and only root canal was placed in my mouth when I was in my late twenties. I still have it in my mouth without amalgam, it was the last amalgam removed prior to starting chelation in January of this year. The other eight amalgams were removed in 1998, three fairly large ones were done improperly with amalgam bits going down my throat.

I've never had braces or wisdom teeth.

**What dentistry did your mother have at any time before or during pregnancy?** I don't know my mothers dental history.

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

I've never had a flu shot or travel vaccines but I was vaccinated as a child for all the standard things they were vaccinating for back in the 60's and 70's. I was also vaccinated against hepatitis B in 1983.

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

My Supplements

All # are per day

-vit c 10,000mg

-vit e 800mg

-vit b comp 300mg

-vit a 40,000iu

-vit d 4,000

-magnesium 600mg

-calcium 700mg

-zinc 100mg

-chromium 800mcg

-molybdenum 2,000mcg

-GABA 2,000mg

-adrenal cortex 750mg

-salmon oil 950mg x 8

-milk thistle 1,000mg

-flax oil 2-3 ounces

-iodoral 6mg

-5 HTP 100mg

-megazyme with meals

-probiotics morning & night

-benedryl at night when chelating

**What is your age, height and weight?**

I'm 50 years old

6'3" tall and weigh 225 lbs

**Other information you feel may be relevant?**

Chelation rounds

#1-Jan 8/2011 10mg dmps 3 days

#2-Jan 15/2011 10mg dmps 3 days

#3-Jan 22/2011 10mg dmps 3 days

#4-Jan 29/2011 15mg dmps 3 days

#5-feb 5/2012 15mg dmps 3 days

#6-feb 12/2011 15mg dmps 3 days

#7-feb 23/2011 15mg dmps + 6.25mg Ala every two hrs

#8-mar 2/2011 15mg dmps + 6.25mg Ala every two hrs

#9-mar 9/2011 15mg dmps + 6.25mg Ala every two hrs

#10-mar 30/2011 15mg dmps + 6.25 Ala every two hrs

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

I live in downtown Toronto, Canada