

HAIR ELEMENTS



PATIENT: Number 277
SEX: Male
AGE: 25
LOCATION: Brescia, Italy

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	3.0	< 7.0		
Antimony	0.018	< 0.066		
Arsenic	0.088	< 0.080		
Beryllium	< 0.01	< 0.020		
Bismuth	0.026	< 2.0		
Cadmium	0.021	< 0.15		
Lead	0.40	< 2.0		
Mercury	0.26	< 1.1		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.010		
Thorium	< 0.001	< 0.005		
Uranium	0.024	< 0.060		
Nickel	0.06	< 0.40		
Silver	0.04	< 0.12		
Tin	0.09	< 0.30		
Titanium	0.38	< 1.0		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcium	302	200- 750					
Magnesium	28	25- 75					
Sodium	27	12- 90					
Potassium	23	9- 40					
Copper	17	10- 28					
Zinc	200	130- 200					
Manganese	0.04	0.15- 0.65					
Chromium	0.68	0.20- 0.40					
Vanadium	0.041	0.018- 0.065					
Molybdenum	0.026	0.025- 0.064					
Boron	0.82	0.40- 3.0					
Iodine	0.32	0.25- 1.3					
Lithium	< 0.004	0.007- 0.023					
Phosphorus	170	160- 250					
Selenium	0.81	0.95- 1.7					
Strontium	0.52	0.30- 3.5					
Sulfur	47400	44500- 52000					
Barium	0.25	0.16- 1.6					
Cobalt	0.004	0.013- 0.035					
Iron	8.7	5.4- 13					
Germanium	0.031	0.045- 0.065					
Rubidium	0.018	0.011- 0.12					
Zirconium	0.065	0.020- 0.44					

SPECIMEN DATA

COMMENTS:

Date Collected: 10/23/2007 Sample Size: 0.203 g
 Date Received: 11/2/2007 Sample Type: Head
 Date Completed: 11/7/2007 Hair Color: Brown
 Treatment:
 Methodology: ICP-MS Shampoo:

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	10.8	4- 30
Ca/P	1.78	0.8- 8
Na/K	1.17	0.5- 10
Zn/Cu	11.8	4- 20
Zn/Cd	> 999	> 800

V06.99

Health history for hair test 277

1) What are your current symptoms and health history?

I've always been a little different from other people, shy, introverted, having difficulty making friends.

Well being deteriorated after receiving an amalgam filling at the age of 8 or 9 years. Poor eyesight, asthma, depression appeared, together with school and social problems.

At the age of 15, when I was at the point of being able manage the previous problems a little better, another downward spiral started due to an unknown cause. Was it puberty or the vaccinations I had gotten the previous year? It's hard to say. It was much more severe than the first one and I never recovered from it. I'm 24 years old now.

My current symptoms

Depression, anxiety, obsessive/addictive behavior, irritability, lack of self control.

Bipolar as (erroneously) diagnosed by a psychiatrist.

Episodes of confusion and/or agitation when under stress (can't speak or think properly)

Degrading memory and intellect (can't remember my own phone number, can't remember in detail what happened the other day, doing math takes me forever, exhausted after an hour or two of intellectual work)

Adrenal fatigue, most likely some thyroid problem. Tired in the morning, not tired when it's time to sleep. Low stress tolerance, feeling weak. Lack of motivation. Severe lack of perseverance, can't finish medium to long term projects at all.

Occasional hypoglycemic episodes, especially at night. Need to eat every 3-4 hours to feel well. Eating a lot but never gaining weight.

I'm 1,78 meters and weigh 60 kg.

Ketone bodies in the urine. Dry skin. Thinning hair. Nose is often running for no reason, when not running a thick, dry mucus builds up.

Food intolerance to wheat and dairy.

Symptoms that have improved

The only symptoms that have improved are uncontrollable fits of anger, shyness and mania, and not realizing I had a problem.

2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...)

First amalgam at age of 8, two fillings. One in a milk teeth which eventually fell out. The other amalgam remained until I was 24 years.

3) What dental work do you currently have in place? What part of the dental cleanup have you completed?

A composite filling.

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

The number of amalgam fillings my mother had during pregnancy was around 12.

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

Born in January 1985:

1985: 3x DPT

1986: 3x OPV, 1x DPT, 1x MMR, 1x FSME

1987: 2x FSME

1991: 1x OPV

1992: 1x DPT, 1x FSME

1995: 1x FSME

1999 or 2000: 2x Hep B

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

I don't remember.

7) Other information you feel may be relevant?

I broke a mercury thermometer as kid and it wasn't cleaned up properly. I also broke a fluorescent lamp unknowingly and it remained in my room for several weeks.

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

Brescia, Italy