



PATIENT: Number 815
 SEX: Male
 AGE: 3

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	7.3	< 8.0	
Antimony (Sb)	0.030	< 0.066	
Arsenic (As)	0.13	< 0.080	
Barium (Ba)	0.27	< 0.50	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.012	< 2.0	
Cadmium (Cd)	0.074	< 0.070	
Lead (Pb)	1.9	< 1.0	
Mercury (Hg)	0.29	< 0.40	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.004	< 0.060	
Nickel (Ni)	0.07	< 0.20	
Silver (Ag)	0.70	< 0.20	
Tin (Sn)	0.22	< 0.30	
Titanium (Ti)	0.52	< 1.0	
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)	334	125- 370			
Magnesium (Mg)	19	12- 30			
Sodium (Na)	450	20- 200			
Potassium (K)	210	12- 200			
Copper (Cu)	9.1	11- 18			
Zinc (Zn)	83	100- 190			
Manganese (Mn)	0.29	0.10- 0.50			
Chromium (Cr)	0.61	0.43- 0.80			
Vanadium (V)	0.13	0.030- 0.10			
Molybdenum (Mo)	0.039	0.050- 0.13			
Boron (B)	3.7	0.70- 5.0			
Iodine (I)	0.39	0.25- 1.3			
Lithium (Li)	0.007	0.007- 0.020			
Phosphorus (P)	187	150- 220			
Selenium (Se)	0.76	0.70- 1.1			
Strontium (Sr)	0.29	0.16- 1.0			
Sulfur (S)	46900	45500- 53000			
Cobalt (Co)	0.007	0.004- 0.020			
Iron (Fe)	13	7.0- 16			
Germanium (Ge)	0.032	0.030- 0.040			
Rubidium (Rb)	0.15	0.016- 0.18			
Zirconium (Zr)	0.13	0.040- 1.0			

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 8/5/2011	Sample Size: 0.2 g	Ca/Mg	17.6	4- 30
Date Received: 8/30/2011	Sample Type: Head	Ca/P	1.79	0.8- 8
Date Completed: 9/2/2011	Hair Color: Brown	Na/K	2.14	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	9.12	4- 20
	Shampoo:	Zn/Cd	> 999	> 800



PATIENT: Number 815
 SEX: Male
 AGE:

Toxic Metals; Urine

TOXIC METALS					
		RESULT µg/g creat	REFERENCE INTERVAL	WITHIN REFERENCE	OUTSIDE REFERENCE
Aluminum	(Al)	140	< 25		
Antimony	(Sb)	0.3	< 0.2		
Arsenic	(As)	63	< 75		
Barium	(Ba)	7.4	< 7		
Beryllium	(Be)	< dl	< 1		
Bismuth	(Bi)	< dl	< 2		
Cadmium	(Cd)	1.4	< 0.8		
Cesium	(Cs)	10	< 9		
Gadolinium	(Gd)	< dl	< 0.5		
Lead	(Pb)	26	< 2		
Mercury	(Hg)	1.2	< 3		
Nickel	(Ni)	17	< 8		
Palladium	(Pd)	< dl	< 0.1		
Platinum	(Pt)	< dl	< 0.1		
Tellurium	(Te)	< dl	< 0.5		
Thallium	(Tl)	0.1	< 0.5		
Thorium	(Th)	< dl	< 0.03		
Tin	(Sn)	2	< 4		
Tungsten	(W)	0.3	< 0.4		
Uranium	(U)	< dl	< 0.03		

URINE CREATININE							
	RESULT mg/dL	REFERENCE INTERVAL	-2SD	-1SD	MEAN	+1SD	+2SD
Creatinine	31.3	45 - 225					

SPECIMEN DATA			
Comments:			
Date Collected: 06/09/2013	pH upon receipt: Acceptable	Collection Period: Random	
Date Received: 06/14/2013	<dl: less than detection limit	Volume:	
Date Completed: 06/17/2013	Provoking Agent:	Provocation:	
Method: ICP-MS	Creatinine by Jaffe Method		
Results are creatinine corrected to account for urine dilution variations. Reference intervals and corresponding graphs are representative of a healthy population under non-provoked conditions. Chelation (provocation) agents can increase urinary excretion of metals/elements.			
V13			

Hair Test 815

1. What are your current symptoms and health history?

Boy, 5 years old, autism

First day of life: a standard anti-tuberculosis vaccination.

Generally was developing normally. Just bad sleep. Later constipation. Breast feeding till 1 y.o.

1 year and 8 months old: bad intestinal virus. Little bad changes started. Ultra sound scan shown enlarges liver and pancreas.

2 y.o.: Poliomyelitis vaccination and stop of breast feeding. 2-3 weeks after the vaccination the child got rash and some behavior changes started.

2 years 4 months: parents noticed first time that something is not right. He was still not speaking, tried first words but they didn't stay.

2 years 8 months: gluten-free diet, constipation went away. Then casein free diet, the child got herpes, which happens almost every month since then.

Anti-candida treatment started, sometimes positive effect.

Minerals and vitamins started: almost on effect. Only on olive leave started eating with a spoon, on GABA - bicycling.

3 years 6 months: biofilm protocol started. Bad reaction with the first capsule of Mucostop: hyperactivity increased, hitting the head, visual stimulations. All these stayed till now.

DDI hair test done.

4 y.o. Cutler protocol chelation started (the end of 2011)

8 rounds DMSA 3 mg: no changes

9th round DMSA 3 mg + ALA 3 mg: the best round. The child was almost without stimulations on round, calm. After rounds hyperactivity came back.

10-13 rounds DMSA 6 mg + ALA 3 mg: no changes

14-17 rounds DMSA 12 mg: chelation on the sea and on round the child started repeating words. But progress didn't stay, he was not able to repeat it later.

18 round DMSA 12 mg + ALA 12 mg: another GOOD round, stimulations are gone. Effect lasted 6 days, which is a lot! But after was gone.

19-23 rounds DMSA 25 mg + ALA 25 mg: no changes. During that time anti-viral course, Virastop up to 15 capsules. Some progress: some requests (2-3). Went away after the Virastop course.

23-27 rounds DMSA: no changes.

28-30 rounds DMSA 25 mg + HBOT 1.3: the child started repeating syllables. Progress stayed!

30-39 rounds: no progress.

Last round in April 2013.

After the child was developing a bit – repeating syllables but still quite bad with pronunciation.

Probably he doesn't hear well that's why he repeats only the beginning or the end of the word.

10 of June: IV DMPS provocation urine test (results are attached):

DMPS 15 mg

CaEDTA 300 mg

Vitamin C 1000

GSH 600

The result of DMPS provocation urine test is almost the same as a DDI hair test.

After the test, no any bad reaction and little improvement in speech.

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

Both parents don't have amalgam fillings

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

1. Tuberculosis – 1st day of life

2. Poliomyelitis - 1 injection in 2 y.o. 2 follow-ups were not done because of worsening

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

Mg, Ca, Zn, vitamin C, GSE, Oregano, uva-ursi, Olive Leaf

4. What is your age, height and weight?

5 y.o., 18 kg, 100 cm