



SEX: Male
AGE: 82

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	4.7	< 7.0	
Antimony (Sb)	0.025	< 0.066	
Arsenic (As)	0.056	< 0.080	
Barium (Ba)	1.5	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.049	< 2.0	
Cadmium (Cd)	1.1	< 0.065	
Lead (Pb)	1.4	< 0.80	
Mercury (Hg)	0.91	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.19	< 0.060	
Nickel (Ni)	0.20	< 0.20	
Silver (Ag)	0.16	< 0.08	
Tin (Sn)	0.13	< 0.30	
Titanium (Ti)	0.76	< 0.60	
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)	563	200- 750			
Magnesium (Mg)	45	25- 75			
Sodium (Na)	31	20- 180			
Potassium (K)	12	9- 80			
Copper (Cu)	12	11- 30			
Zinc (Zn)	180	130- 200			
Manganese (Mn)	0.25	0.08- 0.50			
Chromium (Cr)	0.43	0.40- 0.70			
Vanadium (V)	0.050	0.018- 0.065			
Molybdenum (Mo)	0.055	0.025- 0.060			
Boron (B)	2.3	0.40- 3.0			
Iodine (I)	4.7	0.25- 1.8			
Lithium (Li)	0.006	0.007- 0.020			
Phosphorus (P)	174	150- 220			
Selenium (Se)	0.89	0.70- 1.2			
Strontium (Sr)	4.6	0.30- 3.5			
Sulfur (S)	48500	44000- 50000			
Cobalt (Co)	0.010	0.004- 0.020			
Iron (Fe)	9.3	7.0- 16			
Germanium (Ge)	0.031	0.030- 0.040			
Rubidium (Rb)	0.018	0.011- 0.12			
Zirconium (Zr)	0.15	0.020- 0.44			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 11/10/2014	Sample Size: 0.154 g	Ca/Mg	12.5
Date Received: 11/13/2014	Sample Type: Head	Ca/P	3.24
Date Completed: 11/17/2014	Hair Color: Brown	Na/K	2.58
Methodology: ICP/MS	Treatment:	Zn/Cu	15
	Shampoo: Nioxin 4	Zn/Cd	164
		RANGE	
			4- 30
			0.8- 8
			0.5- 10
			4- 20
			> 800

Health history for hair test 1032

attached is the ddi report for my father, robert davis. and his symptoms and history below. trying to get the whole family in on this ;)

THANK you so much. i really appreciate the help of you and everyone in the group.

Male
Age: 82

1) Current symptoms and health history

Extreme dizziness - especially upon quick turns (has been tested at mayo clinic. recommended nothing but physical therapy), fatigue, anxiety, depression, diminishing vision overall, vestibular neuritis, cold extremities, loss of balance control, minor diminished muscle control, such as in handwriting. Trembling with certain activities, such as picking up objects, etc. brain fog.

Was in unusually great health until last few years. (His mother lived until 98).
Skied 4x a week.

Was diagnosed with enlarged prostate. Then soon after was rushed to hospital, where they discovered a hidden sandwich toothpick piece had poked a hole in his stomach, festering full body infection.

He was given over these months, plus a couple dental implant surgeries probably 15+ different prescriptions of antibiotics, including Cypro more than once. (OMG!!!)

2) Dental History

Amalgam fillings: starting age of 21 - 72. At least 15 of them. All amalgams removed.

No Braces

4 Wisdom Teeth Removed

First root canal placed approximately 15 years ago, approx 2 total.

Now, removed and replaced with implants.

3) Dental work and Clean-up

2 bridges

14 implanted teeth (Approx), 1/2 done in the last 3 years, other 1/2 about 8 years ago

1 or 2 partial crowns.

Though I believe he likely has multiple cavitation issues from both pulled teeth and root canals, as well as likely compatibility issues from his recent dentures, nothing has been done to correct this.

4) Mother's History

Mother likely had some gold fillings (In Russia).

5) Vaccinations

Has probably had at least 15 flu shots over the years, likely more.

Had many standard shots in Russia growing up, and Polio in U.S., but not Chicken Pox.

Had cholera shot.

6) Supplements and Prescriptions

Supplements:

"Alive Men's 50" brand multivitamin

Vitamin D3, 2,000 iu

Probiotics 2x daily

Prescriptions:

Alaprazolam 0.5 mg Once Daily

Finesteride 5mg Once Daily

Lisinopril 10 mg Once Daily

Baby Aspirin 81mg Daily

Rapaflo 8mg Once Daily

Mirtazepin (Had just started it, before test)

7) Additional Relevant Information

His Cadmium levels are clearly through the roof. As i'm trying to find any connection other than dental:

1946-1949, 1952-1963

Did machining work at a tool and die factory, this included working with steel.

There would have been some metal grinding involved, no protection was worn in those times.

(Including 1 month only, of work with tetrachloride. No cancer or anything detected there)

8) Location

San Diego, California for 35 years, Los Angeles, prior

But, Russia (Belarus) until 1946