## HAIR ELEMENTS



**PATIENT: Number 193** 

SEX: Male AGE: 49

LOCATION: Grand Mound, Iowa, USA

	LO	CATION: Grand Moun			-		
POTENTIALLY TOXIC ELEMENTS							
TOXIC	RESULT	REFERENCE			PERCENTI		
ELEMENTS	μg/g	RANGE		68	8 <sup>th</sup>	95 <sup>th</sup>	
Aluminum	5.7	< 7.0			•		
Antimony	0.028	< 0.066			·····		
Arsenic	0.046	< 0.080					
Beryllium	< 0.01	< 0.020					
Bismuth	0.027	< 2.0	•				
Cadmium	0.072	< 0.15					
Lead	2.4	< 2.0			<b>–</b>		
Mercury	< 0.03	< 1.1					
Platinum	< 0.003	< 0.005					
Thallium	< 0.001	< 0.010			·····		
Thorium	< 0.001	< 0.005			·····		
Uranium	0.037	< 0.060					
Nickel	0.06	< 0.40	_				
Silver	0.01	< 0.12	•		• • • • • • • • • • • • • • • • • • • •		
Tin	0.10	< 0.30					
Titanium	0.44	< 1.0					
Total Toxic Represent							
ESSENTIAL				HER ELEMEN	TS		
	RESULT	REFERENCE			PERCENTI	_E	
ELEMENTS	μg/g	RANGE	2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup>	84	4 <sup>th</sup> 97.5 <sup>th</sup>
Calcium	482	200- 750				•	
Magnesium	49	25- 75					
Sodium	25	12- 90					
Potassium	37	9- 40					
Copper	11	10- 28					
Zinc	130	130- 200					
Manganese	0.17	0.15- 0.65					
Chromium	0.32	0.20- 0.40					
Vanadium	0.028	0.018- 0.065			_		
Molybdenum	0.042	0.025- 0.064			•		
Boron	0.65	0.40- 3.0		(			
Iodine	0.37	0.25- 1.3					
Lithium	< 0.004	0.007- 0.023					
Phosphorus	146	160- 250					
Selenium	0.92	0.95- 1.7					
Strontium	0.55	0.30- 3.5		(			
Sulfur	44400	44500- 52000					
Barium	0.74	0.16- 1.6					
Cobalt	0.004	0.013- 0.035					
Iron	12	5.4- 13					
Germanium	0.040	0.045- 0.065					
Rubidium	0.053	0.011- 0.12				)	
Zirconium	0.14	0.020- 0.44					
SPECIMEN DATA						RATIOS	
COMMENTS:							EXPECTED
	5/2008	Sample Size:	0.204	a	ELEMENTS	RATIOS	RANGE
		Sample Type:	Head	3	Ca/Mg	9.84	4- 30
Date Received: 7/7/2008 Date Completed: 7/9/2008		Hair Color:	неас Gray		Ca/Ng Ca/P	3.3	0.8- 8
Date Completed: 1/9/2008		Treatment:	Gray		Na/K	0.676	0.5- 10
Methodology: ICP-MS			Natures Cate		Zn/Cu	11.8	4- 20
wieniodology: 10	.F-MS	Shampoo:	Natures Gate V06.99		Zn/Cd		> 800
				VUU.77	ZII/Cü	> 999	/ 000

## Health history hair test 193

**Dental History:** Currently have 10 amalgam fillings the first 4 were very early in life, sometime in grade school, the last 6 were approximately 8-9 years ago. My wisdom teeth were removed around the same time as my last 6 fillings were placed. I have not yet begun amalgam removal.

**Mother's Dental History**: All I really know is she had poor teeth and had them all pulled and had false teeth when I was still a young kid.

**Vaccinations**: I haven't received any vaccines other than what was required at the time when I was in grade school and high school.

**Supplements**: Only supplements or medications in the last 3-6 months are various forms of calcium supplements, also some kelp and dolomite. I have currently discontinued taking them.

**Symptoms**: My symptoms are paroxysmal atrial fibrillation. Episodes increased dramatically within a year or two following my last 6 fillings. Joint and muscle aches and pains most noticeable in my lower legs and feet, fatigue that is worsening, fine tremor in hands and fingers. Irritability, brain fog, memory loss inability to make even small decisions shyness, timidity to name a few.

**Other**: I was a farmer for a good portion of my life and was exposed to pesticides and herbicides.

I live in Grand Mound, Iowa USA