HAIR ELEMENTS



PATIENT: Number 216

SEX: Female AGE: 48

LOCATION: Springfiled, Missouri, USA

POTENTIALLY TOYIC ELEMENTS								
POTENTIALLY TOXIC ELEMENTS								
TOXIC	RESULT	REFERENCE		PERCENTILE 68 th 95 th				
ELEMENTS	μg/g	RANGE			80		95	
Aluminum	4.7	< 12 < 0.060				-		
Antimony	0.012	< 0.060				-		
Arsenic	0.064				······································			
Beryllium	< 0.01	< 0.020			······································			
Bismuth	0.32	< 2.0 < 0.10		<u></u>				
Cadmium	0.034							
Lead	0.35	< 1.0 < 1.1						
Mercury	0.78	< 0.005						
Platinum	< 0.003	< 0.003						
Thallium	0.001	< 0.010	•					
Thorium	0.001	< 0.060	<u> </u>					
Uranium	0.004	< 0.40						
Nickel	0.02	< 0.40						
Silver	0.06							
Tin	0.02	< 0.30						
Titanium	0.64	< 1.0						
Total Toxic Represent								
	_	ESSENTIAL	AND	OTHER E	LEMENT			
	RESULT	REFERENCE				PERCENTI		
ELEMENTS	μg/g	RANGE	2.5	ⁱⁿ 1	6 th	50 th	8-	4 th 97.5 th
Calcium	379	475- 1500						
Magnesium	89	45- 180						
Sodium	570	24- 180						
Potassium	240	20- 80						
Copper	34	9.0- 24						
Zinc	130	130- 200						
Manganese	0.10	0.20- 0.65	•					
Chromium	0.50	0.20- 0.45						
Vanadium	0.068	0.018- 0.065						
Molybdenum	0.051	0.040- 0.10						
Boron	2.4	0.70- 4.0						
Iodine	0.50	0.25- 1.3						
Lithium	0.008	0.008- 0.040						
Phosphorus	298	350- 600		_				
Selenium	0.96	0.95- 1.7						
Strontium	1.0	1.0- 8.0						
Sulfur	45900	43000- 50000				•		
Barium	0.54	0.50- 5.0						
Cobalt	0.004	0.013- 0.050						
Iron	8.1	5.8- 14						
Germanium	0.027	0.045- 0.065						
Rubidium	0.29	0.030- 0.25						
Zirconium	1.5	0.040- 1.0						
	SI	PECIMEN DATA				RATIOS		
COMMENTS:								EXPECTED
	/28/2008	Sample Size:	0.	141 g		ELEMENTS	RATIOS	RANGE
	/4/2008	Sample Type:		bic		Ca/Mg	4.26	4- 30
Date Completed: 11/6/2008		Hair Color:				Ca/P	1.27	1- 12
r		Treatment:				Na/K	2.38	0.5- 10
Methodology: IC	P-MS	Shampoo:				Zn/Cu	3.82	4- 20
		. F			V06.99	Zn/Cd	> 999	> 800
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Health history 216

- What are your current symptoms and health history? Misdiagnosis of MS....symptoms cleared after two amalgams replaced.
- 2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...) Still have 8 remaining amalgams as well as braces (which should come off in less than a month).
- 3) What dental work do you currently have in place? What part of the dental cleanup have you completed? Wisdom teeth removed. No root canals.
- 4) What dentistry did your mother have at any time before or during pregnancy? Mother had mouth full of amalgam by the time I was born.
- 5) What vaccinations have you had and when (including flu and especially travel shots)? Have always stayed up-to-date on vaccinations and have had flu shots every year (can't find thermisol free flu vaccine yet).
- 6) Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken. Recently started supplementing vit. C and D (due to major deficiency) and l-arginine after hair sample given.
- 7) Other information you feel may be relevant? Have major chronic fatigue, brain fog, anxiety, endocrine problems, depression, fibromyalgia, and insomnia.
- 8) What is your location city & country (so that we can learn where certain toxins are more prevalent). Live in Springfield, MO close to a coal burning electric plant. Drink lots of filtered tap water (that comes from an aquifer).