LEMENTS	HAIR REFERENCE VALUE RANGE (PPM) (PPM)		SUSPICIOUS (BELOW REFERENCE RANGE) RANGE		SUSPICIOUS (ABOVE REFERENCE RANGE)		
sium	un an	200 - 600 25 - 75	aa ah ah da baha hah ah		******************** *****************		
	en maan maan maan kooli kuu kuu yaan uun maan kooli kuu kuu kuu kuu kuu kuu kuu kuu kuu ku	12 - 35		****			
TOXIC LEMENTS	HAIR VALUE (PPM)	REFERENCE RANGE (PPM)	LOW	MEDIUM	HIGH		
	2.86		**				
in frances and the second s	3.85	an a		****			
c. c.	1.00		×	• •	ing.		
	LEMENTS TY ++ Ium C < <	ssium 222.4 ++ 69 sr 25.9 nium 40 TOXIC HAIR VALUE (PPM) TOXIC 2.86 ry ++ 3.85 ium 63 c <<	ssium 222.4 25 - 75 ++ 69 160 - 240 sr 25.9 12 - 35 nium 40 5 - 1.5 TOXIC VALUE RANGE (PPM) LEMENTS HAIR VALUE (PPM) 2.86 20.0 ry ++ 3.85 .63 4.0	psium 222.4 25 - 75 $\times \times $	Hair Coort Coort Coort esium 222.4 25 - 75 ************************************		

IICAL HAIR	ELEMENT		HAIR REFERENCE VALUE RANGE (PPM) (PPM)		BELOW REFERENCE RANGE	REFERENCE RANGE	ABOVE REFERENCE RANGE		
N N	Sodium		37	150 - 350	***	and Agenerations	 Sector contraction descent considering galaxies and galaxies 		
SUGGESTED C SIGNIFICANCE	Potassium		10.0	75 - 180					
DGGI BNIF	Selenium		1.0	for a second					
SIC	Manganese	James and and a second	.94	1.0 -10.0	*****				
	Aluminum		49.43	<u> </u>	*************	*****	*****		
	Carine provingen and a second seco		tanna an	anna i an	nan denana ana ana ana ana ana ana ana ana an	An and a start of the			
	fallen han sen er s		í	line and the second sec					
AL AIR	Cobalt	-	1.20		****	*********	K. K. K. K.		
NIC N H	Iron			20 - 50	****		a de la companya de Produción de la companya de la company		
UNKNOWN CLINICAL SIGNIFICANCE IN HAIR	Lithium	5.5	.05	1	en e				
CAN	Molybdenum	<	. 10	Lance La Clarence					
NIFI	Phosphorus	++	58	100 - 170	****				
UN SIGI	Vanadium		0.4		es su transis in presidente de concercio de concercio de concercio de concercio de concercio de concercio de co				

<< Indicates Below Detection Limit; Value Given Is Detection Limit.

 \leq = LESS THAN

PPM = PARTS PER MILLION ++ CONFIRMED VALUE

>> = GREATER THAN

Health history for hair test 617

1991 Hair Test

What are your current symptoms and health history?

Recently diagnosed with autoimmune thyroiditis (Hashimoto's disease) with very high antibodies. Many years psych symptoms (depression, anxiety) with related diagnoses. Trials of antidepressants, lithium caused thyroid to go hypothyroid, then on Synthroid for a time. Overeating and alcohol abuse.

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

First amalgam as child in baby molar. Braces as teen, wisdom teeth removed

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

One gold onlay. Amalgam in all 4 quadrants (don't know how many). No dental cleaup

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

Amalgam fillings, rest unknown

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

Childhood immunizations of the 1950s. Occasional flu shots.

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

On Synthoid and Cytomel, then recently switched to Armour thyroid (1.5 grains). Can't remember supplements

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

Central Valley - California (Sacrameno to SF area)



PATIENT: Number 617 SEX: Female AGE: 59

Toxic & Essential Elements; Hair

		тохіс м	ETALS					
		RESULT REFERENCE			PERCENTILE 68 th 95 th			
Aluminum	(AI)	μg/g 2.2		2			90	
Antimony	(Sb)	0.010	< 0.06					
Arsenic	(As)	0.16	< 0.09					
Barium	(Ba)	6.7	< 2.					
Beryllium	(Be)	< 0.01	< 0.02					
Bismuth	(Bi)	1.6	< 2.					
Cadmium	(Cd)	0.012	< 0.05					
Lead	(Pb)	0.15	< 1.					
Mercury	(Hg)	0.12	< 0.8					
Platinum	(Pt)	< 0.003	< 0.00					
Thallium	(TI)	< 0.001	< 0.00					
Thorium	(Th)	< 0.001	< 0.00					
Uranium	(U)	0.064	< 0.06					
Nickel	(Ni)	0.004						
Silver		0.04	< 0.4					
	(Ag)		< 0.1					
Tin	(Sn) (Ti)	< 0.02	< 0.3					
Titanium	(Ti)	0.58	< 1.	3				
Total Toxic Representation								
	ESSENTIAL AND OTHER ELEMENTS							
		RESULT μg/g	REFERENCE INTERVAL	2.	5 th 16 ^t	PERCENTILE	84 th 97.5 th	
Calcium	(Ca)	1260	475- 150	0				
Magnesium	(Ma)	220	45- 18	0			-	
Sodium	(Na)	670	80- 45	0				
Potassium	(K)	230	28- 16	0				
Copper	(Cu)	17	11- 3	0		-		
Zinc	(Zn)	180	130- 20	0		-		
Manganese	(Mn)	0.17	0.15- 0.6	5				
Chromium	(Cr)	0.40	0.40- 0.6	5	•			
Vanadium	(V)	0.16	0.018- 0.06	5				
Molybdenum	(Mo)	0.041	0.040- 0.1	0	•			
Boron	(B)	1.2	0.40- 4.			•		
lodine	(I)	5.0	0.25- 1.					
Lithium	(Li)	0.009	0.008- 0.03			-		
Phosphorus	(P)	402	250- 50		••••••	_		
Selenium	(Se)	1.3	0.80- 1.				-	
Strontium	(Sr)	12	1.0- 8.					
Sulfur	(S)	44000	42000- 4800			-		
Cobalt	(Co)	0.006	0.006- 0.03		•			
Iron	(Fe)	7.7	7.0- 1					
Germanium	(Ge)	0.031	0.030- 0.04					
Rubidium	(Rb)	0.37	0.030- 0.2					
Zirconium	(Zr)	0.53	0.040- 1.			-		
	SPECIMEN	•				RATIOS		
COMMENTS:	SPECIWIEN				MENTO		DANOE	
					MENTS	RATIOS	RANGE 4- 30	
Data Callected: E/C/2012	~	ample Size: 0.001			a/Mg	5.73	4- 30 1- 12	
Date Collected: 5/6/2012		ample Size: 0.204 g	I	-	a/P	3.13		
Date Received: 5/10/2012		ample Type: Pubic			la/K	2.91	0.5-10	
Date Completed: 5/14/2012		air Color: Brown			n/Cu	10.6		
Methodology: ICP/MS		reatment:		Zi	n/Cd	> 999	> 800	
	S	hampoo: Jergens S	oap					

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Health history for hair test 617

2012 Hair Test

What are your current symptoms and health history?

Hashimoto's (not on Thyroid Rx). Recently started LDN, Lugol's iodine in prep to go on dessicated thyroid, if necessary.

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

First amalgam as child in baby molar. Braces as teen, wisdom teeth removed

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

Two gold onlays. Amalgam in all 4 quadrants (don't know how many). No dental cleaup

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

Amalgam fillings, rest unknown

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

Childhood immunizations of the 1950s. Occasional flu shots (none for last 21 years)

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

Supplements: Vit C – 1 G B12 – 5mg every other day D3 – 10,000 IU Multivitamin/mineral B2 – 200 mg B3 – 1 G Chromium picolinate – 800 mcgs Selenium 200 mcg Lugol's iodine – 250 mcgs to 5 mg over last 3 months Liquid fish oil – 2 teaspoons/day Probiotic capsules Betaine HCL Digestive enzymes

Low Dose Naldrexone – 1.66 mg to 2.49 mg started 1 month ago

Other information you feel may be relevant?

No grains, dairy, soy, eggs since fecal testing 2 years ago. Paleo diet.

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

Central Valley – California (Sacrameno to SF area)