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Board Certified:
 Physical Medicine & Rehabilitation
 Pain Management
 Spinal Cord Medicine
 Electrodiagnostic Medicine

LAB SUMMARY * Page 1

Patient:

3/5/12-19 f_lab_vL.doc

Study	units	"Normal"	Optimal*	Date->		Date->		Date->		Date->		Date->	
				Result	Note	Result	Note	Result	Note	Result	Note	Result	Note
Basic	CBC	panel											
	CMP	Panel											
	U/A	panel											
Metabolic/ Cardiac	HgA1c												
	Glucose fasting		< 100	< 90									
	Insulin, fasting												
	CRP-HS	mg/L	1.0-3.0	< 2.0									
	Homocysteine	umol/L	<11.4	< 7.0									
Uric Acid													
Lipid Panel	Total Cholesterol	mg/dL	<200	150-180									
	HDL	mg/dL	>40	> 50									
	TG	mg/dL	<150	< 110									
	LDL	mg/dL	<130	< 100									
	Chol/HDL / TG/HDL	mg/dL	<4.4	< 4.0/3.0									
Nutrition	Vit A Retinol												
	Vit B1 Thiamin												
	Vit B2 Riboflavin												
	Vit B3 Niacin												
	Vit B5 Pantothenic												
	Vit B6 Pyridoxine												
	Vit B7 Biotin												
	Vit B12			> 600									
	Vit D 25 OH (1,25)		20-100	60 - 110									
	Ferritin												
Iron													
Celiac													
Intra- Cellular Minerals & Oils	RBC Copper												
	RBC O3/O6/Odd/Trans												
	RBC Magnesium	mg/dL	4.2-6.4	> 5.2									
	RBC Selenium												
	RBC Zinc	mg/L	9.0-14.7	> 11.8									
Adrenal & Sex Hormones	Cortisol am Total/Free												
	DHEA-S	mcg/dL											
	Pregnenolone	ng/dL											
	Testosterone Total/Free												
Thyroid & Pituitary Gland	Thyroid Stim. Horm.			0.5 - 1.95									
	T4 Total/Free												
	T3 Total/Free												
	Reverse T3			< 24									
Thyrog/Perox Antibod			neg/neg										
Rheumatic & Immune	ESR/CRP Quan												
	ANA/RF												
	CPK												
Infectious	Ebstein Barr												
	Hepatitis B												
	Hepatitis C												
	Lyme/An/Bab/Bar/Er												
	Parvovirus												
Other	Heavy Metals Pb/Hg/ Stool												
	Organix												

SUGGESTED OPTIMAL VALUES ARE EDUCATIONAL AND MAY NOT APPLY TO INDIVIDUAL CONDITIONS. SEE LAB INFO PAGE.
 A=Abnormal, B=Borderline, E=Excellent, H=High, I=Improved, L=Low, N=Normal, S=Slightly, U=Unchanged, V=Very, W=Worse. 10 pg/nl = 1 ng/dl