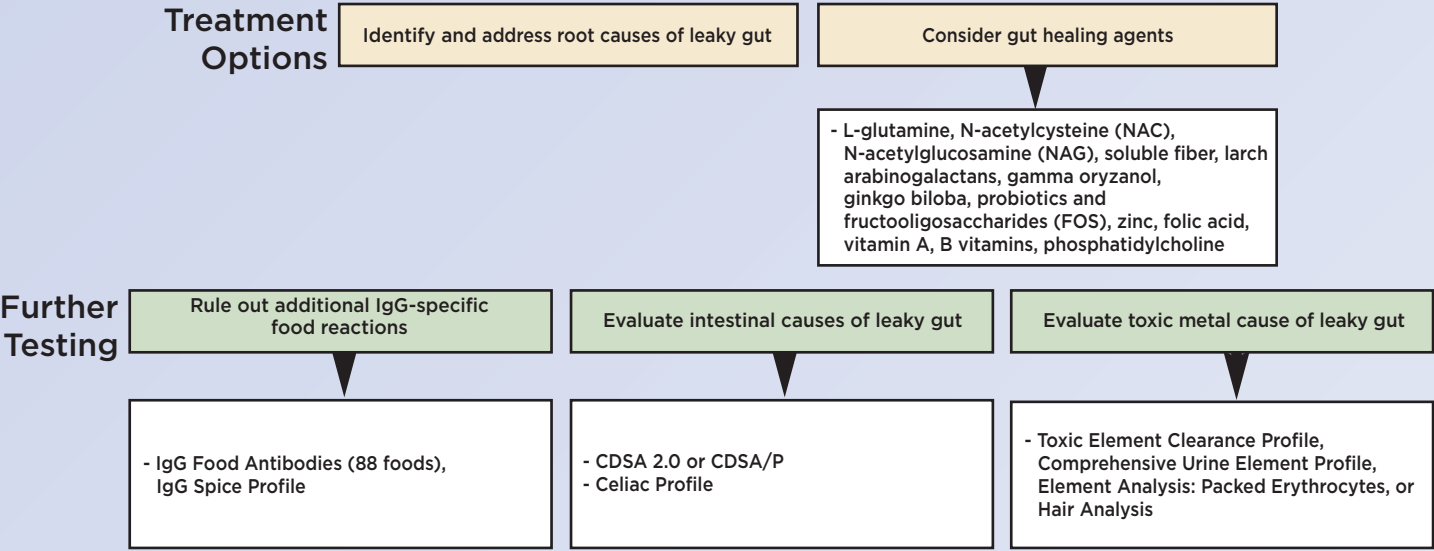


IgG Food Antibodies & Total IgE:

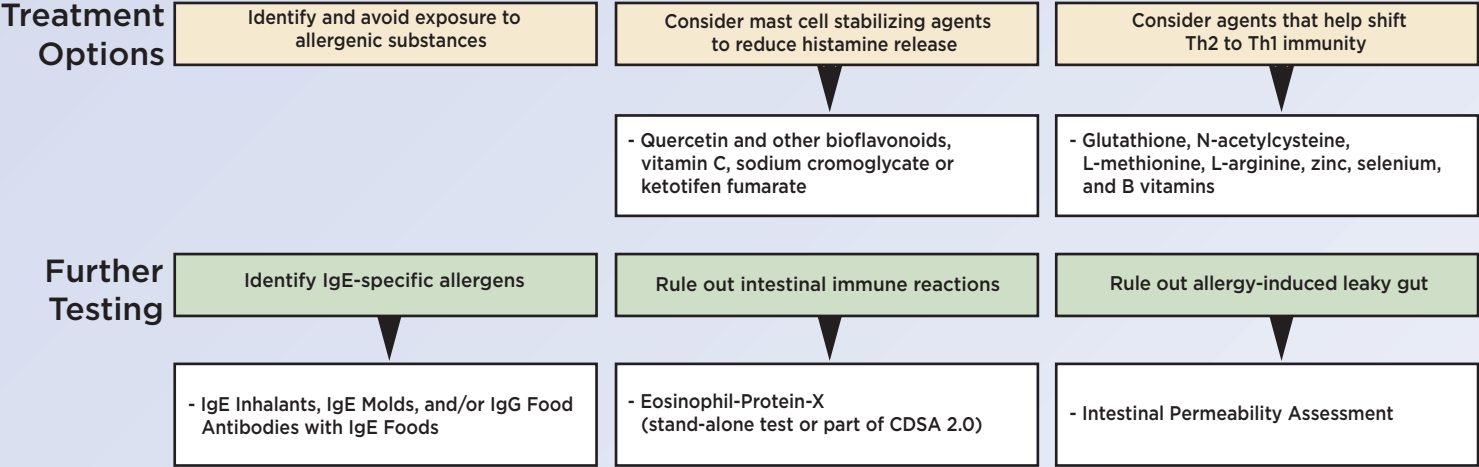
Nuts and Grains			
Corn	3+		
Corn gluten	1+		
Gluten	0		
Wheat	1+		

If positive IgG antibodies



Total IgE			
Total IgE ♦	Inside	Outside	Reference Range
		298.0	<=87.0 IU/mL

If high Total IgE



This information is for the sole use of a licensed health care practitioner and is for educational purposes only. It is not meant for use as diagnostic information. All claims submitted to Medicare/Medicaid for Genova Diagnostics laboratory services must be for tests that are medically necessary. "Medically necessary" is defined as a test or procedure that is reasonable and necessary for the diagnosis or treatment of illness or injury or to improve the functioning of a malformed body member. Consequently, tests performed for screening purposes will not be reimbursed by the Medicare program.



Genova Diagnostics®

Innovative Testing for Optimal Health

© 2008 Genova Diagnostics
e,al,perspective,100808

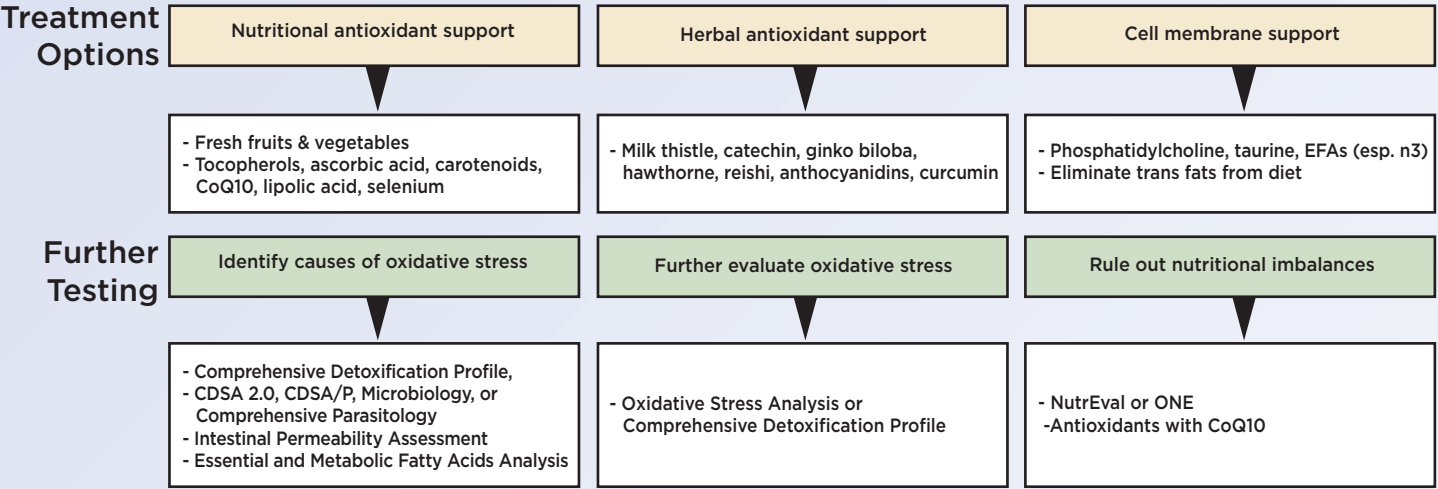
63 Zillicoa Street
Asheville, NC 28801
828.253.0621
www.GDX.net



Oxidative Stress and Inflammation:

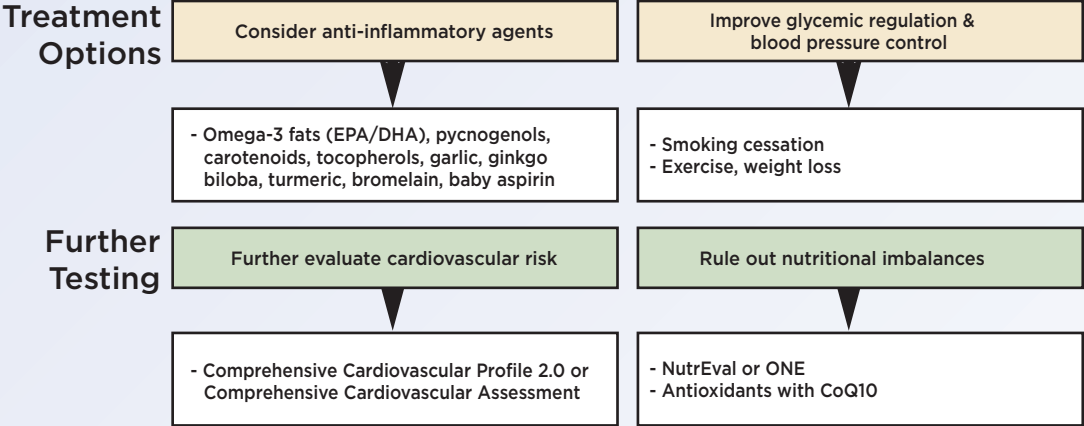
Lipid Peroxides	8.1	<= 10.0 micromol/L
-----------------	-----	--------------------

If Serum Lipid Peroxides are > 7.0 umol/g



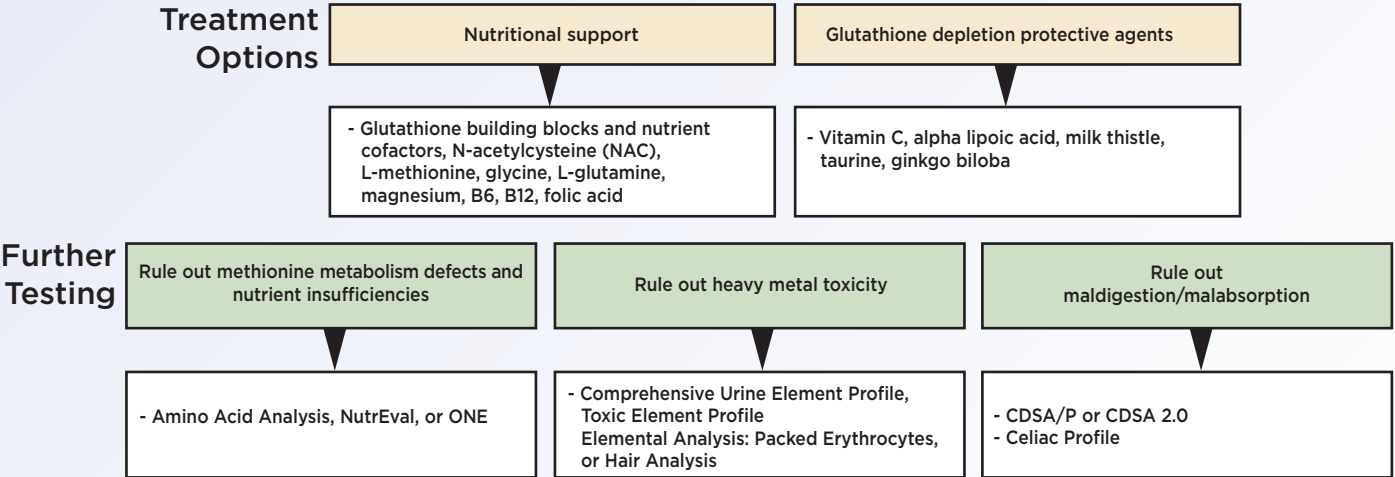
hs-CRP	2.55	<= 1.0 mg/L
--------	------	-------------

If hs-CRP is > 1.00 mg/L



Glutathione	634	>= 669 micromol/L
-------------	-----	-------------------

If Glutathione is < 669 micromol/L

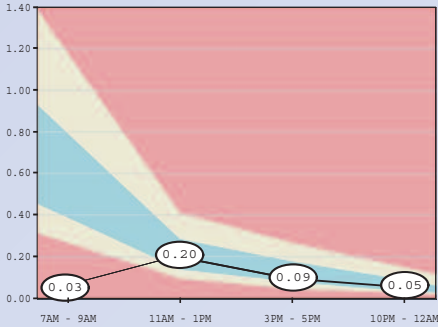


Genova Diagnostics®

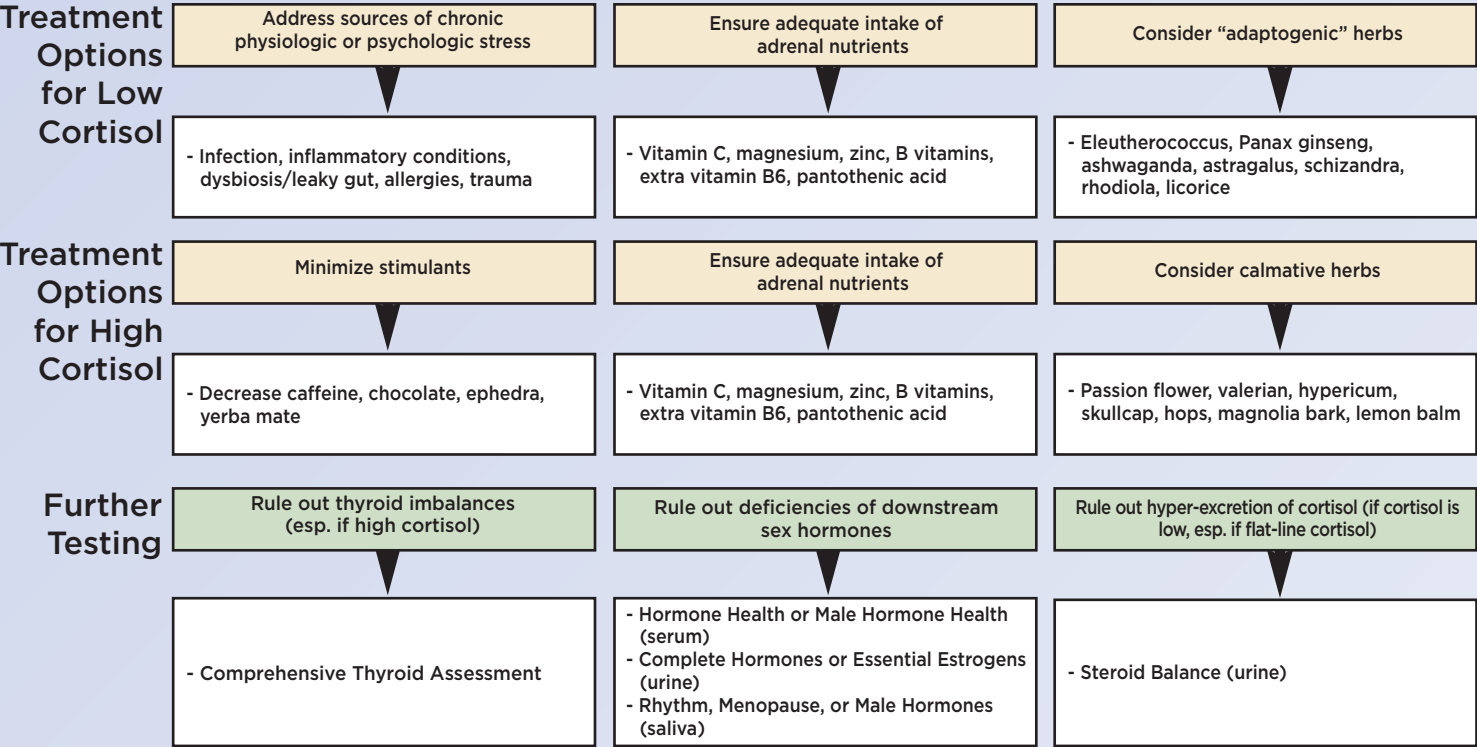
Innovative Testing for Optimal Health

TREATMENT & TESTING GUIDELINES

Adrenal Stress:



If any cortisol is high or low



Treatment Options for High Cortisol

Minimize stimulants

- Decrease caffeine, chocolate, ephedra, yerba mate

Ensure adequate intake of adrenal nutrients

- Vitamin C, magnesium, zinc, B vitamins, extra vitamin B6, pantothenic acid

Consider calmatvie herbs

- Passion flower, valerian, hypericum, skullcap, hops, magnolia bark, lemon balm

Further Testing

Rule out thyroid imbalances (esp. if high cortisol)

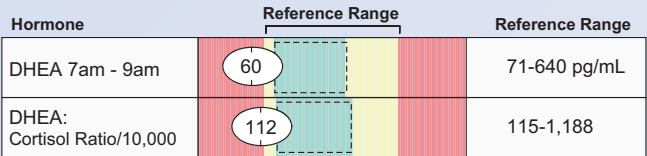
- Comprehensive Thyroid Assessment

Rule out deficiencies of downstream sex hormones

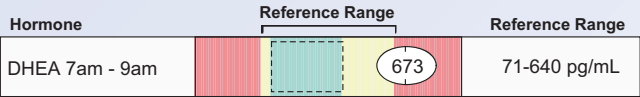
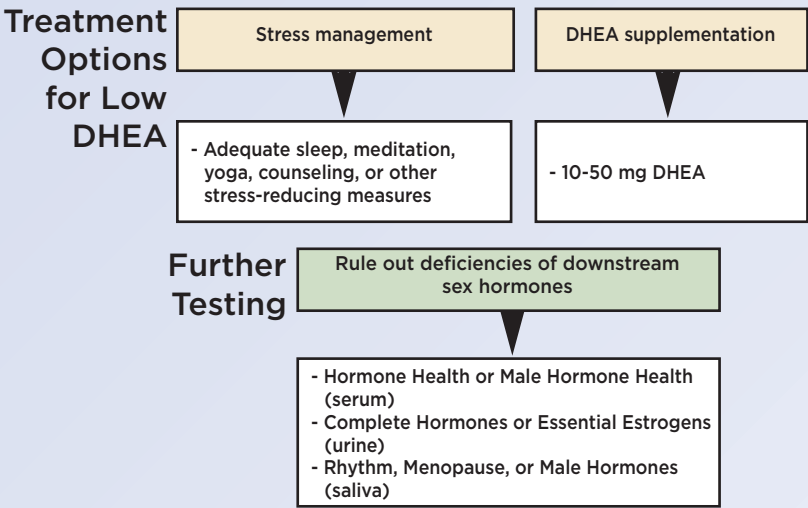
- Hormone Health or Male Hormone Health (serum)
- Complete Hormones or Essential Estrogens (urine)
- Rhythm, Menopause, or Male Hormones (saliva)

Rule out hyper-excretion of cortisol (if cortisol is low, esp. if flat-line cortisol)

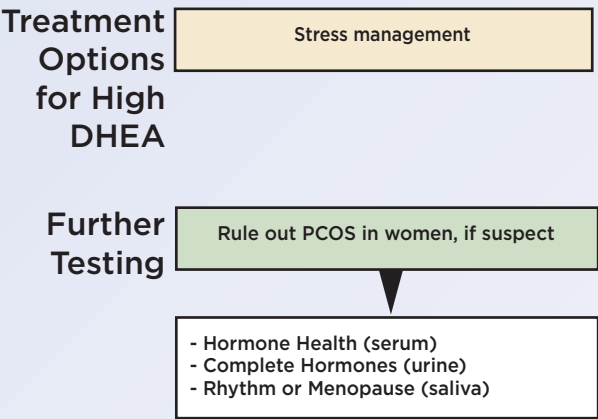
- Steroid Balance (urine)



If DHEA is < 71 pg/mL or DHEA:Cortisol Ratio is < 115



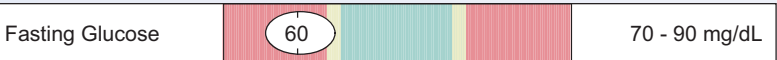
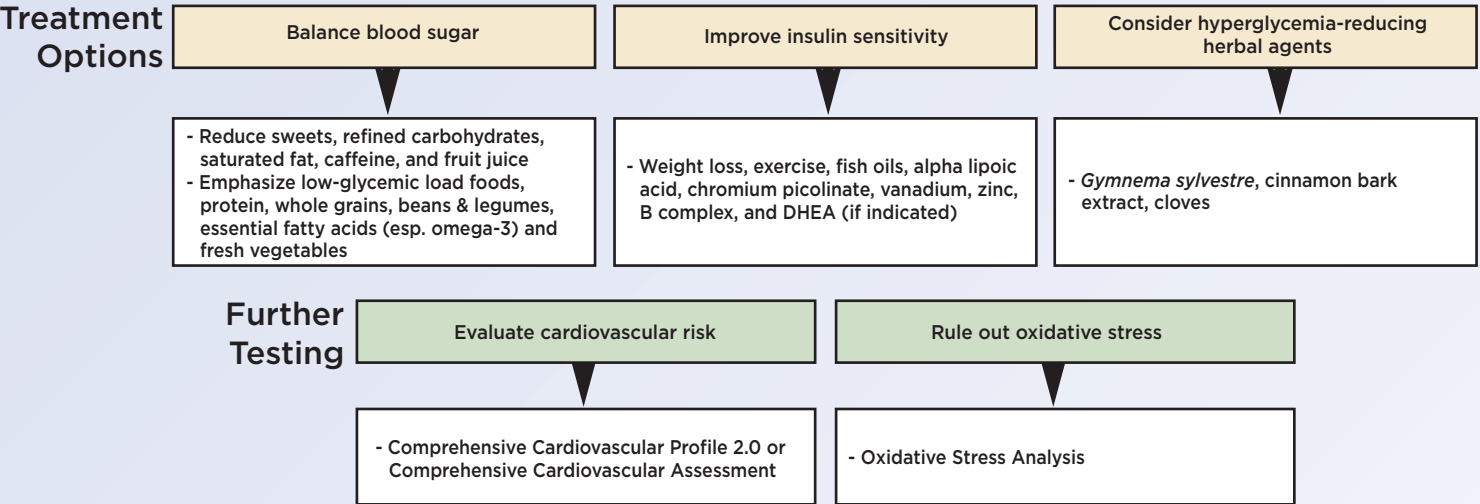
If DHEA is > 640 pg/mL



Metabolic Syndrome Risk:



If Fasting Glucose is > 90 mg/dL



If Fasting Glucose is < 70 mg/dL

