



EVERGREEN
**MEDICAL
ACUPUNCTURE**^{LLC}



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Ideal basic blood tests for Functional Analysis of Blood Chemistry:

- Fasting glucose
- Hemoglobin A1c
- BUN, uric acid, Creatinine, eGFR, BUN/creatinine ratio
- Sodium, Potassium, Chloride, Calcium, Phosphorus, Magnesium, CO₂
- Total Protein, Albumin, Globulin
- Bilirubin
- Alkaline Phosphatase
- LDH
- AST, ALT
- Serum iron, Iron saturation, Ferritin
- Cholesterol, Triglycerides, HDL, LDL
- Homocysteine
- TSH, T4, T4, Free T4, Free T3
- TPO Thyroid Peroxidase Ab
- Vitamin D
- Full WBC, RBC breakdowns
- Total Estrogens, estradiol, total and free testosterone, DHEA, progesterone

In a typical blood exam, a larger lab range is used - when a number is outside that lab range, a diagnosable disease might be present.

A Functional Medicine analysis looks at the progression of disease. We use a smaller lab range and try to analyze the relationship between numbers outside a functional range but inside a normal lab range. This is often where symptoms arise but before disease has proliferated. We can determine vitamin/mineral deficiencies, organ dysfunctions, and cellular dysfunctions. From this information we can determine what therapies (exercise, diet, physical therapy) might be appropriate.