

Case Study

64 year old male with chief complaint of HYPERLIPIDEMIA



This patient has a history of myalgia secondary to statins with a desire to find other alternatives. His lifestyle habits included taking a Centrum Multivitamin, exercising daily, having a vegetarian diet and not smoking. The patient's family history is significant for myocardial infarction in his brother in his 50's. His initial complaints were: fatigue, muscle weakness and recurrent colds. SpectraCell's MicroNutrient Testing revealed functional deficiencies in Vitamins B12 and B3, Pantothenate and Spectrox. **Based upon these deficiencies, he was administered the following protocol:**

- 1) **B12 injections weekly for one month, then every 2 weeks for one month, then one per month**
- 2) **100 mg daily of Niacin**
- 3) **500 mg bid of Pantothenate**
- 4) **Multivitamin with antioxidant once per day**

In addition to targeting his functional deficiencies, he also resumed his same diet and exercise routine. After 60 days of nutrient support, the patient had increased energy (with no afternoon nap needed), had more stamina, no muscle weakness and an overall sense of improved well being. Not only were there qualitative benefits, but cost savings on prescriptions and supplements were significant.

Follow up SpectraCell's MicroNutrient Testing was performed 9 months later.

Clinical Outcome:

In conclusion, repletion of the nutrient deficiencies found by SpectraCell's MicroNutrient Testing allowed optimal metabolism, energy production and cholesterol metabolism.



MicroNutrient
Testing

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