

Case Study

56 year old white female with SARCOIDOSIS



This patient also suffers from fatigue which are at times debilitating. This has been attributed to her sarcoidosis. For the last 5 years, she responded well to the Marshall Protocol, gradually improving to the point that she was able to go from being housebound/bedbound to a basically normal lifestyle. CT scans of her lungs have shown gradual, progressive decrease in the pulmonary sarcoid nodules.

Recently, she started complaining of gradual fatigue and was concerned that she was having some remission of her sarcoidosis. Because of the severe dietary restrictions of the Marshall Protocol (i.e. Vitamin D avoidance), her physician recommended SpectraCell's micronutrient testing.

Her functional deficiencies were found to be due to low B12 and overall antioxidant function as manifested by the Spectrox. She also was correlated with a CBC showing an H&H of 11.3/33.5. She previously had never shown any signs of anemia except very early on in her sarcoidosis. **Based upon her deficiencies found with SpectraCell's micronutrient testing, she was administered the following nutritional supplement protocol:**

1) 1,000 mcg/dose sublingual B12 of methylcobalamin

Clinical Outcome:

In her followup, she stated that she was feeling much better. Her energy is back. She stated, however, that even though she is on a very high dose of B12, that she requires to be dosed approximately four times per day, otherwise, she will "crash" between dosing. As long as she takes B12 four times a day she does feel much better.

Interestingly we also did an LPP™ on her, which showed elevated cholesterol of 241 and an elevated LDL of 170. Homocysteine levels were also very high at 17.1, which correlated with the B12 deficiency.

Conclusion:

The overall benefit of this test was early detection of homocysteine, which could trigger cardiac problems, liver problems, joint problems as well as a propensity towards muscular degeneration.

Her treatment was very economical and pharmaceutical intervention was not necessary. I intend to repeat SpectraCell's micronutrient testing after she has been on the treatment for some time as well as a follow up on her Homocysteine levels and lipid panel.