

# Case Study

52 year old female with HYPERLIPIDEMIA,  
NEUROPATHY and OBESITY



The patient's obesity caused pain and fatigue. She was treated with Prednisone, Tarka, Cymbalta, Lipitor and Medrol. Blood testing including chemistry, thyroid, lipids, b12 and folate, CRP and sed rates were performed over the course of two years revealing the mentioned diagnosis. In 2007, SpectraCell's micronutrient testing revealed deficiencies in vitamin B3, vitamin B12, pantothenate, carnitine, vitamin D and Spectrox. **Based upon her deficiencies found with SpectraCell's micronutrient testing, she was administered the following treatment protocol:**

- 1) Vitamin B12 injections and Multi B Vitamins – for energy**
- 2) CoQ10 – for leg pain**
- 3) OPC (antioxidant) – for immune function and inflammation**

## Clinical Outcome:

As of February 2009, this patient was able to gradually stop taking steroids and pain killers. Vitamins and a change in diet through the use of micronutrient testing has given the patient a better and healthier lifestyle by not taking prescription medication and not having to endure pain as frequently.



Micronutrient  
Testing

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