

# Res-Q® Orosine Case Studies:

written by Dr. Jeffrey Shapiro, MD, FACS, October 2008

## **Y.V. is a 42-year-old female with a history of coronary artery disease.**

Four years ago, Y.V. was treated with a drug-eluting stent in her left anterior descending (LAD) artery. She did well until the day of her acute heart attack. Because of her vague symptoms and initial evaluation in a community hospital, it took eight hours before she was evaluated in the cardiac catheterization lab. During that time, blood flow was severely compromised. Most patients with such prolonged lack of blood flow do not fully recover. Our patient was treated with all the usual medications: Plavix, aspirin, beta-blockers and ACE inhibitors as well as Coumadin for the akinetic anterior walls. In addition to the above medications, she was started on Orosine, our proprietary supplement, which has been shown to improve the regeneration of heart cells during an acute ischemic insult. Within a week of having a major heart attack, her recovery was markedly accelerated. She showed no signs of heart failure or any cardiac insufficiency, and started exercising and biking within two weeks. Her energy level was remarkable for a patient who had more than 50% of her heart function compromised. Within six weeks of the heart attack, an echocardiogram showed no signs of any previous injury. Her anterior wall motion was back to normal and her ejection fraction was restored to its original 65%.

## **C.D. is a healthy 28-year-old female. C.D. had no past cardiac or medical history.**

Her major complaint was, "I just wish I can run for a longer period without getting tired and crampy." I recommended a routine exercise stress test (EST) to evaluate her initial cardio-respiratory status. To my surprise, she was only able to run for 10 minutes. I thought she would have made it to at least 12 minutes, given her age and excellent physical appearance. Without a clear explanation for her early fatigue, I recommended starting her on Orosine. After taking our supplement for three weeks, she had a marked improvement in her stamina, was able to run for over an hour without feeling fatigued, and on a repeat EST she was able to finish 16 minutes. Orosine has been shown in clinical studies to improve ATP production. As a result, there is better utilization of oxygen at the level of the cell and therefore, our patient was able to perform much more efficiently.

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**J.R. is a 64-year-old male with stage IV heart failure.**

J.R. is a pleasant, 64-year-old hypertensive male with badly controlled diabetes and extensive triple-vessel disease. Based on his coronary anatomy, he was not a surgical candidate. He underwent multivessel percutaneous coronary intervention (PCI/angioplasty) with multiple drug-eluting stents to help improve his health after the intervention. His exercise tolerance improved slightly. At the time of his initial evaluation, his ejection fraction (amount of blood the heart pumps on every beat) was only 20 percent (normal is 60-65 percent) and he could not walk more than 30 feet without resting. After being maximized on his heart-failure medications, we followed his clinical course. After five months, his symptoms only slightly improved. It wasn't until he started on Orosine that he noticed a major difference. He went from sleeping on four pillows to only two. He was able to walk five blocks without stopping for air. Clinically, he improved his ejection fraction to 38 percent, his B-type natriuretic peptide level, which was previously elevated, dropped to less than 200, and both his diabetes and his BP became much more manageable. The combined ingredients of Orosine have proven to be extremely beneficial in those patients with advanced heart failure. Its primary benefit is to improve cellular energy, thereby regenerating cardiac muscle to the point of efficacy.

**A.C. is a 68-year-old male who underwent open-heart surgery.**

A.C. was fortunate enough to have open-heart surgery before having a heart attack. He also suffers from adult-onset diabetes, hypertension and hyperlipidemia, all of which are currently being treated with conventional medications. Ever since his bypass surgery seven years ago, he never felt as strong as he did prior to his revascularization. Although he was compliant with all of his medications and normalized his blood pressure, cholesterol and diabetes, he always got tired in the early afternoons. Despite his normal echocardiograph and myocardial perfusion scan (nuclear stress test), he always asked me, "Is there anything that you can give me to make me feel better?" Before A.C. went on vacation to his house in Italy, I told him to start taking Orosine and let me know how he felt when he got back. I saw him in early September and asked how he was feeling. He replied, "Dr Shapiro, I don't know what is in those pills you gave me but I never felt this strong. I had more energy to go on long walks, fished all day, and had strength to play with my grandchildren at night. I was able to get up earlier and didn't need to take any naps during the day. I even noticed that my blood pressure was lower than it's ever been and my morning sugars were consistently below 100. Thank you so much for introducing me to Orosine." It has been clinically proven that Orosine has a beneficial effect on hypertension by causing relaxation of the arteries. The pumping of the heart is much more efficient, and as a result, more blood and therefore oxygen is supplied to the tissue where it is needed for better function. As for A.C. lowering his blood sugar, Orosine has been shown to improve the efficiency of the beta cells of the pancreas, thus improving diabetes as a whole.

**B.C. is a 43-year-old healthy, non-smoker, non-alcoholic female who came to me for a second opinion regarding her frequent palpitations.**

After a comprehensive history and physical, I recommended the following tests to help define the etiology of B.C.'s palpitations. Her initial EKG showed unifocal premature ventricular beats in trigeminy (meaning every third heartbeat was being generated from the ventricular region of the heart). An echocardiogram showed no structural or valvular abnormalities. A contrast 64 multi-slice chest CAT-scan showed completely normal coronary anatomy without any evidence of obstruction. She additionally underwent an exercise stress test (EST) to 12 minutes, showing disappearance of her abnormal ventricular premature beats at higher heart rates, and soon returned during recovery and at rest. Twenty years ago we treated these premature beats with antiarrhythmic drugs, which had profound side effects and in many cases resulted in an increase in mortality. Instead, I recommended she start on Orosine to determine if there was any symptomatic relief in her premature ventricular beats. After taking Orosine for two weeks, my patient no longer felt these palpitations and on her subsequent office visit her electrocardiogram normalized. These findings were further verified with Hoiter monitoring (she wore an ambulatory electrocardiography device) before and after supplementation. Orosine has been shown in many clinical studies to stabilize the electrical membrane of cardiac muscle both, atrial and ventricular. Having a natural supplement with no side effects and the ability to stabilize cardiac arrhythmias, are two of the remarkable attributes of this product.

“I believe that Res-Q Orosine is the most significant natural product I have ever used in the prevention and treatment of heart disease and stroke.”

- Dr. Jeffrey Shapiro



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