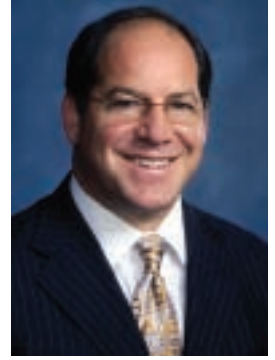


Orosine

A patented, heart regenerative supplement

Dr. Jeffrey Shapiro

Associate Professor of Cardiology,
Columbia University Hospital and
NYU Medical Center.



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Clinical experience as documented by Dr. Jeffrey Shapiro:

Cell regeneration (the repair of diseased or damaged cells) is at the forefront of modern medicine for the treatment and prevention of disease. Understanding the mechanism of cell metabolism is the foundation for the development of **Orosine**, a natural supplement that can help restore nutrients necessary for healthy cell growth and repair. The ingredients in **Orosine** have years of documented proof supporting their safe, cardioprotective/cardiorestorative, neuroprotective/neurorestorative and immuno-repairing effects.

During the development of **Orosine**, a team of scientists, cardiologists and I conducted clinical studies to look specifically at models of injury in the heart and lungs to better understand the mechanism of cellular recovery. We learned that our formula could help the body sustain a better function at the level of the cell and thereby better function of the organs that are made up by these cells. We found remarkable effects to these organ systems as well as on patients undergoing surgery with an accelerated improvement in wound healing.

Over the past two years, I have become very excited about the use of **Orosine** in my practice and my experience with its clinical use. I have treated patients with Orosine who were in end-stage 4 heart failure with a life expectancy of less than six months. Now, two years later, these patients are experiencing a normal life. It is my belief that **Orosine** is the most significant natural product to be used for the treatment and prevention of heart disease.

The vast number of benefits of Res-Q Orosine™ include:

- More efficient heart pumping action.
- Enhanced coronary circulation and bloodflow.
- Improved symptoms of coronary artery disease (CAD) and angina.
- Greatly improved athletic performance, work capacity and physical endurance.
- Improvement with energy depleted conditions such as chronic fatigue syndrome and fibromyalgia.
- Increased ATP (adenosine triphosphate), your body's basic unit of energy activity and improved oxygenation to cardiac and skeletal muscles.
- Stabilizes heart rhythm disturbances.
- Activates the repair process in myocardial infarction (MI).
- Reversal of pathological remodeling of an overloaded heart.
- Increases cellular nucleic acids and DNA/RNA for the manufacture of proteins needed to repair the heart.

HEALTH REPORT

Heart Studies

Using animal models, specific studies on the heart were performed by inducing myocardial infarctions (heart attacks). The damage caused by the heart attack was diminished and the recovery and improvement in left ventricular function (heart pumping action) was markedly increased after the use of the main ingredients in **Orosine** compared to the control group.

The ingredients in **Orosine** are precursors to the body's DNA and RNA. Taking Orosine provides the necessary nutrients for the reparative processes on cellular and intra-cellular regeneration.

At the present time, the number-one cause of death is complications associated from acute heart attacks. The ingredients in **Orosine** have been shown to lessen the damage of an acute heart attack and aid in the regeneration and revitalization of the zone of infarction (damaged muscle cells of the heart).

Cardiac Hypertrophy

Cardiac hypertrophy (enlargement of the heart) is the result of compensation for a heart that is overloaded by pressure caused by either aortic stenosis (narrowing of the arteries) or hypertension secondary to atherosclerotic disease (hardening of the arteries). Scientific studies with mice, which modelled this process by inducing heart failure, evaluated the benefit of the use of this supplement on overall heart function. Those mice that were pretreated with the supplement had an overall improved function and remained with a concentric form of hypertrophy (normal heart size) with preserved left ventricular function, and did not progress to an eccentric phase of hypertrophy (abnormal heart size and end-stage heart failure).

Cardiac Failure

As with ischemic heart disease, non-ischemic heart disease is prevalent in our society. It is well known that despite our drug therapies, heart failure has not improved in its overall mortality over the past decades. The pathological model for CHF (Chronic Heart Failure) is well known. Microscopically, the myofibrils (elongated muscle fibers) of the heart are poorly functioning and the energy carrying mitochondria are enlarged and dysfunctional. The heart changes visibly from a concentric (good) to an eccentric (bad) form of hypertrophy. This process is called pathological heart remodelling. In my practice, the use of **Orosine** had a positive effect on the regeneration and conversion back to the eccentric phase (reversal of heart remodeling) by which the overall function improved.

Patient Case Study: Female, age 82

An elderly female with severe biventricular failure, pulmonary hypertension, congested liver and severe lower extremity pitting edema with classic stage-4 CHF (Chronic Heart Failure). Her estimated life span was less than six months. She has been taking **Orosine** for over a year and a half. Her ejection fraction improved by 25%, her pulmonary pressure has decreased by more than half, her liver is no longer congested and her lower extremity edema is nearly completely resolved. She is now able to walk up two flights of stairs, whereas before she could not walk 10 steps.

Patient Case Study: Male, age 48

Another patient suffered from a non-ischemic cardiomyopathy (an enlarged heart). His ejection fraction/heart pumping ability went from 32% (critical) to normal by echo over the past year with marked improvement in his overall exercise tolerance.

The ingredients of **Orosine** are precursors of the basic energy molecules ATP, which greatly enhance cellular energy and regeneration for the heart, brain, kidneys, lungs, and other organ systems that are continually under the stresses of our daily life.

It is my opinion that all cardiologists should consider Orosine to be used as a nutritional adjunct for patients with hypertension, progressive aortic-valve disease, and both non-ischemic and ischemic heart disease. In summary, I believe that the use of **Orosine** may have a huge impact on overall survival, thus reducing morbidity and mortality during heart attacks, acute coronary syndromes, and strokes. I personally feel that this supplement could provide immeasurable benefit to individuals with congestive heart failure, coronary artery disease, hypertension, valvular heart disease, strokes, impending myocardial infarctions and pulmonary diseases.

I not only give **Orosine** to my patients with chronic diseases, I use this supplement in my practice as a potential means for preventing cardiovascular diseases as a whole.

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