



Glutathione . . . The Body's "Master Antioxidant"



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Glutathione is a very simple molecule that is produced naturally all the time in your body.

It is a combination of three simple building blocks of protein or amino acids:

- cysteine
- glycine and
- glutamine

▲ The secret of its power is the sulfur (SH) chemical groups it contains. Sulfur is a sticky, smelly molecule. It acts like fly paper and all the bad things in the body stick onto it, including free radicals and toxins like mercury and other heavy metals.

Normally Glutathione is recycled in the body -- except when the toxic load becomes too great. And that explains why we are in such trouble.

The one-third of our population that suffers from

chronic disease is missing this essential gene.

This is the same problem I see in so many of our patients. They are missing this critical gene and they descend into disease as a result. Let me explain how this happens...

Glutathione is critical for one simple reason:

It recycles antioxidants.

You see, dealing with free radicals is like handing off a hot potato. They get passed around from vitamin C to vitamin E to lipoic acid and then finally to glutathione which cools off the free radicals and recycles other antioxidants. After this happens, the body can "reduce" or regenerate another protective glutathione molecule and we are back in business.

However, problems occur when we are overwhelmed with too much oxidative stress or too many toxins. Then the glutathione becomes depleted and we can no longer protect ourselves against free radicals, infections, or cancer and we can't get rid of toxins. This leads to further sickness and soon we are in the downward spiral of chronic illness.

But that's not all. Glutathione is also critical in helping your immune system do its job of fighting infections and preventing cancer. That's why studies show that it can help in the treatment of AIDS. (i)

▲ Glutathione is also the most critical and integral part of your detoxification system. All the toxins stick onto glutathione, which then carries them into the bile and the stool--and out of your body.

And lastly, it also helps us reach peak mental and physical function. Research has shown that raised glutathione levels decrease muscle damage, reduce recovery time, increase strength and endurance and shift metabolism from fat production to muscle development.

▲ **If you are sick or old or are just not in peak shape, you likely have glutathione deficiency.**

It is critical for immune function and controlling inflammation. It is the master detoxifier and the body's main antioxidant, protecting our cells and making our energy metabolism run well.

And the good news is that you can do many things to increase this natural and critical molecule in your body. You can eat glutathione-boosting foods. You can exercise. And you can take glutathione-boosting supplements and others. Lets review more specific ways of getting glutathione.

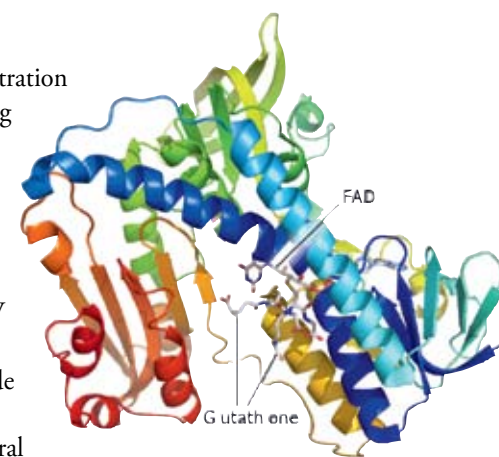
It has been found that giving glutathione intravenously can make up this deficiency. Science has proven that when taking glutathione orally, a large portion of the antioxidant is lost to the action of gastric and intestinal juices during

digestion.

Intravenous administration allows it to start working right away and also allow a much larger percentage of the compound to be available to the cells for protective use. Glutathione IV is thus more advantageous for immediate aide in fighting off a serious disease rather than an oral glutathione supplement.

If you did not hear much about Glutathione, chances are, you'll be hearing a lot more about it in the future--given its importance in a healthy body's natural functions. Not to mention a number of groundbreaking studies involving Glutathione and a variety of diseases. There are many forms of Glutathione, but the best and the most beneficial form is Reduced L-glutathione, most commonly called glutathione or GSH, is the most powerful naturally occurring antioxidant in all human cells, and is often referred to as the body's "master antioxidant". This is the only form we use at Integrative Medical Center.

▲ IV Glutathione therapy is among the very few medical treatments that doctors, nurses, and practitioners do themselves. Almost every one of them takes their own treatments. There are no known side effects. Just like any IV therapy, it is medically administered and supervised.



Now you know why IV Glutathione therapy just like Chelation, Hydrogen Peroxide, and other IV Super Nutritional Therapies is known as Integrative Medical Center's party time.

- *It's doing something great for your health and future.*
- *It's positive, beneficial.*
- *It's social, you are with others.*
- *It's a learning experience.*
- *It's fun!*

**Call us today,
609-641-9009
to get started on a
healthier tomorrow.**

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Dr. Sam Jonuzi specializes in bio-ionic chemistry, detoxification and clinical nutrition. He earned a Bachelor of Science degree in biochemistry from Rowan University in 1986 and a Doctor of Naturopathy degree from Trinity College of Natural Medicine in 2001. Dr. Jonuzi also earned an Integrative Health Practitioner degree at the Advanced Integrative Medical Institute in Washington, D.C. Dr. Jonuzi is Diplomat of the College of Natural Therapies and Member of the American Association of Integrative Medicine. Dr. Jonuzi is Founder and Managing Director at Integrative Medical Center in West Atlantic City.

Physicians at IMC emphasize prevention and early diagnosis as well as a cost-effective, non-invasive treatments that work toward the elimination of the root cause of chronic degenerative illnesses and medical conditions that have gone undetected by traditional medicine.

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