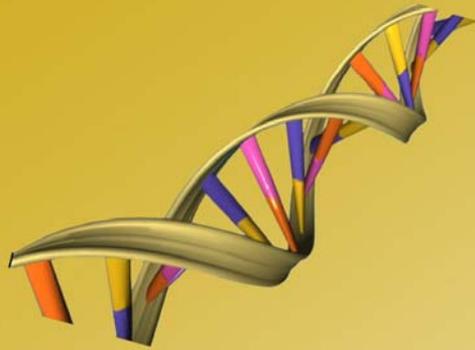


Dr. Christopher Calapai

GLORIOUS GLUTATHIONE:



**HOW ONE ANTIOXIDANT
CAN HELP EVERYTHING
FROM PARKINSON'S DISEASE
TO AUTISM, ASTHMA, CHRONIC
FATIGUE, LYME DISEASE,
DIABETES AND HEART DISEASE**

Glorious Glutathione



How One Antioxidant
Can Help Everything from
Parkinson's Disease to Autism,
Asthma, Chronic Fatigue,
Lyme Disease, Diabetes
and Heart Disease

Dr. Christopher Calapai

*Glorious Glutathione: How One Antioxidant Can Help Everything
from Parkinson's Disease to Autism, Asthma, Chronic Fatigue, Lyme
Disease, Diabetes and Heart Disease*
By Christopher Calapai, D.O.

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Introduction



I see patients from all walks of life and with all kinds of conditions, and for virtually every single one, glutathione—our body’s most powerful, water-soluble antioxidant—is a practical, effective mainstay of treatment. Take Charlie, one of my actual Parkinson’s patients, whose tremors have completely ceased with weekly glutathione treatments. Or Marie, who suffers from fibromyalgia and chronic fatigue syndrome, but with monthly boosters of glutathione along with vitamins and minerals, has full energy and very little pain. There are children with autism who improve with topical glutathione gel, folks with heart problems or diabetes for whom glutathione is part of an overall treatment plan.

Glutathione is our body’s most important water-soluble antioxidant. According to scientific research, low glutathione is implicated in a surprisingly wide range of disorders, including **Alzheimer’s** and **Parkinson’s Disease**, **schizophrenia**, **cell dysfunction in diabetes**, **immune dysfunction**, **cystic fibrosis**, **heart disease**, and more. This nontoxic peptide is increasingly being recognized as a keystone of health. Luckily, glutathione is available not only in intravenous drips, but in transdermal formulations, and it can be raised by supplementing specific building blocks of glutathione, such as curcumin, N-acetylcysteine, and whey protein.

Introduction

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1. Higher levels are linked to higher t-cell counts and improved functioning of important immune cells like neutrophils
 2. Glutathione is the body's natural chelator, ferrying toxic heavy metals out of the body
 3. Glutathione treatment improves tremors and muscle rigidity along with other symptoms in Parkinson's Disease
 4. Glutathione can improve chronic asthma
 5. Glutathione is helpful in emphysema and has been remarkably beneficial in cystic fibrosis, two serious and often fatal lung diseases
 6. Glutathione benefits the heart, increases bloodflow, and can clear up symptoms of pain on walking in heart conditions
 7. Glutathione can reverse some of the toxic effects of chemotherapy
 8. Glutathione is good for the kidneys and can improve renal function in those on dialysis
 9. Glutathione is of benefit in treating the symptoms of Lyme disease
 10. Glutathione is helpful for the liver, which uses glutathione to detoxify a wide range of fat-soluble toxins
 11. Glutathione is helpful in diabetes, improving glucose tolerance and reversing some tissue changes seen in chronic diabetics
 12. Glutathione is helpful in chronic infections, ranging from HIV to hepatitis
 13. Glutathione helps treat age-related macular degeneration, a common eye condition that can lead to loss of vision

The fact is, glutathione is so significant that I am willing to say it is a treatment I would consider in any chronic illness. Take my patient, Moira. She is 66 years old and has suffered all her life from a genetic connective tissue disorder called Ehlers-Danlos Disease, which has caused her innumerable problems. She has had artery and vein problems, sprains, migraines, hyperflexible joints, asthma, pleurisy, pneumonia, a pulmonary embolism, sudden bouts of weakness, and has undergone sixteen knee surgeries and suffered a broken hip. She

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also has had Breast Cancer. “You know the proverbial lady in the circus who could make herself into a pretzel?” says Moira. “Well that type of lady probably had undiagnosed Ehlers-Danlos disease. I think my mother may have had it, as she had a mysterious illness. She suffered severe migraines and her feet would burn and her hands would turn bright red. She died at age 49.” Moira has/had no intention of doing the same. When she came to see me last year, I started her on glutathione at once. I knew that a large body of research showed glutathione was crucial for immune function and for quieting inflammation. I knew she must have significant free radical damage from the surgeries and infections she had suffered. And I knew glutathione helped asthma. So we gave it a try.

“I have found significant changes with the glutathione treatments,” she reports. “I have less joint pain. I’ve begun to get a sense of wellness I hadn’t had in my body in years. I have less pain in my hands and feet. My asthma has greatly improved. I’ve only used my inhaler four times since I began intravenous glutathione five months ago, and I used to use it two to three times a day. It seems to address many, many issues for me. Friends have said my face is becoming younger and I no longer have that tired, worn-out look. They say it’s like looking at a different person. The upshot is, I always feel better after a glutathione treatment.”