



## UNDERSTANDING YOUR TREATMENT



# Glutathione

The body's master antioxidant, essential for detoxification, immune function, and cellular protection.

- i** Glutathione (GSH) is the body's primary intracellular antioxidant — a tripeptide ( $\gamma$ -glutamyl-cysteinyl-glycine) present in virtually all human cells. It serves as the master Phase II detoxification cofactor, essential for conjugation reactions, free radical scavenging, and maintenance of cellular re

**HOW IT WORKS**

1

**Compound Class**

Endogenous tripeptide antioxidant (glutamate-cysteine-glycine)

2

**Mechanism**

Neutralizes free radicals, supports Phase II liver detoxification, recycles vitamins C and E

3

**Research Focus**

Oxidative stress reduction, liver support, immune function, skin brightening

**Talk to your prescriber about whether Glutathione may be right for you**

This compound is available by prescription only



## WHAT RESEARCHERS HAVE FOUND

### Immune Function Support

Research demonstrates that glutathione is critical for lymphocyte proliferation and optimal immune response, with depletion associated with impaired T-cell function.

*Proceedings of the Nutrition Society, 2000*

### Liver Detoxification

Glutathione is the primary substrate for Phase II conjugation reactions in the liver, essential for neutralizing and excreting toxins, drug metabolites, and heavy metals.

*Molecular Aspects of Medicine, 2009*

## QUESTIONS TO ASK YOUR PROVIDER

- ? What evidence level supports Glutathione for this patient's indication?
- ? What monitoring protocol should I establish?
- ? Are there contraindications or interactions to screen for?
- ? What is the recommended duration and cycling protocol?
- ? What is the current regulatory status?

## IMPORTANT SAFETY INFO

- Generally well-tolerated — glutathione is a naturally occurring molecule in every human cell
- IV administration may cause brief flushing, mild nausea, or localized discomfort at the injection site
- Patients with sulfite sensitivity should inform their provider (some formulations contain sulfur-containing compounds)
- May interact with chemotherapy drugs — discuss with oncologist if undergoing cancer treatment
- Not a substitute for addressing the underlying causes of oxidative stress (diet, sleep, toxin exposure)

### Have Questions?

## Eternal Beauty Medical Aesthetics

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<https://www.eternalbeautytexarkana.com>

This is a compounded preparation and is NOT an FDA-approved product. It is prepared by a licensed pharmacy based on a prescription from your healthcare provider. The safety and efficacy of this compounded preparation have not been established by the FDA.