

# Gluthome 600 Injection

## Glutathione (600mg) Injection

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### Description

Glutathione Injection is a powerful antioxidant therapy designed to detoxify the body, enhance skin health, and provide overall cellular protection. Glutathione, a tripeptide composed of glutamine, cysteine, and glycine, is vital for neutralizing free radicals, reducing oxidative stress, and supporting liver detoxification processes.

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### Composition

- **Glutathione (Reduced Form): 600 mg per vial**
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### Mechanism of Action

Glutathione acts as a master antioxidant in the body. It binds to free radicals and reactive oxygen species (ROS), neutralizing their harmful effects. Additionally, it regenerates other antioxidants like Vitamin C and Vitamin E, ensuring optimal antioxidant function. Glutathione also enhances detoxification by conjugating with toxins and facilitating their excretion via bile or urine.

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### Indications

- **Skin Health and Whitening:** Helps brighten skin tone by reducing melanin synthesis and combating pigmentation.
- **Detoxification:** Assists in liver detoxification, especially in cases of alcohol or drug-induced toxicity.

- **Antioxidant Therapy:** Reduces oxidative stress, which is linked to aging, chronic diseases, and inflammation.
  - **Immune Support:** Enhances immune function by supporting cellular health.
  - **Neurological Protection:** May reduce the risk of neurodegenerative diseases like Parkinson's.
  - **Adjunct Therapy in Chemotherapy:** Minimizes oxidative damage caused by chemotherapy drugs.
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### Dosage and Administration

- **Recommended Dose:**
    - **Skin Whitening:** 600 mg to 1200 mg, 1–2 times weekly or as prescribed by a healthcare professional.
    - **General Antioxidant Support:** 600 mg weekly or as directed.
  - **Administration:**
    - **Intravenous (IV) injection** administered by a qualified healthcare professional.
    - **Reconstitute the lyophilized powder** with sterile water for injection before use.
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### Contraindications

- **Hypersensitivity or allergy to Glutathione** or any component of the injection.
  - **Pregnancy and lactation** unless advised by a healthcare provider.
  - **Severe renal or hepatic impairment** (use with caution).
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### Warnings and Precautions

1. **Professional Administration:** Ensure injection is given by a trained medical professional under sterile conditions.
  2. **Skin Whitening Claims:** Results may vary, and therapy should be undertaken with realistic expectations.
  3. **Chronic Use:** Long-term use may interfere with the body's natural glutathione production; periodic monitoring is advised.
  4. **Combination Therapy:** For skin whitening, it is often used with Vitamin C for enhanced effects.
  5. **Allergic Reactions:** Discontinue use and seek immediate medical attention if signs of an allergic reaction occur (e.g., rash, difficulty breathing).
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#### Adverse Effects

- **Common:** Mild headache, nausea, or dizziness.
  - **Rare:** Allergic reactions, rash, or injection site pain.
  - **Severe (Rare):** Anaphylaxis or hypersensitivity reactions.
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#### Storage Conditions

- Store at temperatures between 2°C to 8°C (36°F to 46°F).
  - Protect from light and moisture.
  - Use immediately after reconstitution.
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#### Benefits of Glutathione Injection

1. **Powerful Antioxidant:** Protects cells from oxidative stress and aging.
2. **Skin Brightening:** Reduces melanin production, promoting even-toned and brighter skin.
3. **Liver Support:** Detoxifies harmful substances, promoting liver health.
4. **Immunity Boost:** Strengthens the immune system by optimizing cellular function.

5. **Anti-Aging Effects:** Helps reduce fine lines and signs of aging by combating oxidative damage.
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#### Presentation

- Packaged in a single-use vial containing 600 mg lyophilized Glutathione powder.
  - Accompanied by sterile water for injection for reconstitution.
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**Note:** This is a prescription-only medication and should only be used under medical supervision. It is essential to discuss the therapy goals, possible side effects, and realistic expectations with a healthcare provider before beginning treatment.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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