



Live Life Free Of Oxidative Stress...

LITEON 01-02-03

THE MASTER ANTIOXIDANT SERIES

- PROFESSIONAL • PREMIUM QUALITY
- ANTIOXIDANT SKIN CARE

Oxidative Stress A Multi Organ And Disease Modifier

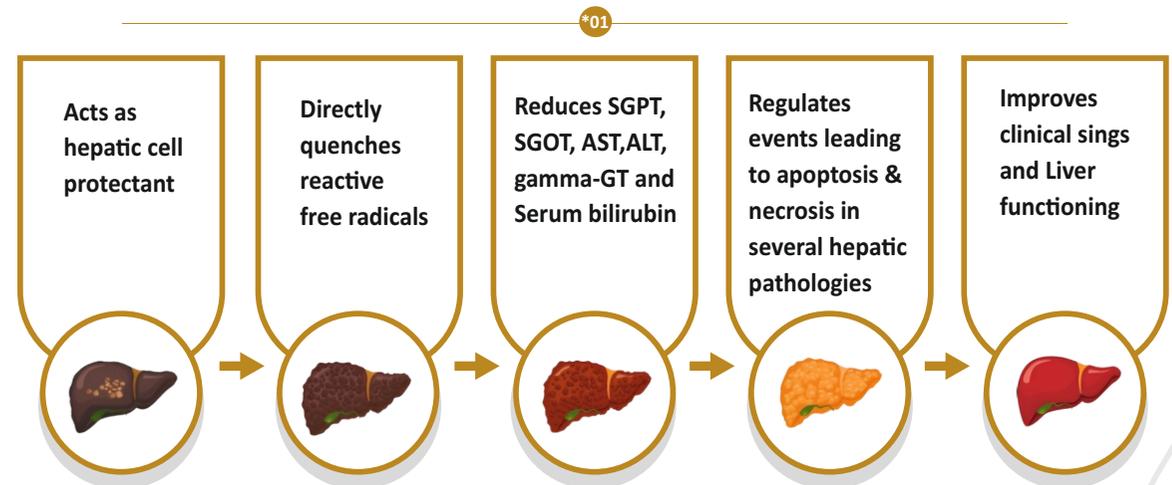
Brain 	Eye 	Reproductive system
Heart 	Lungs 	Digestive system
Skin 	Joints 	Cancer
Kidney 	Immune system 	HIV

INTRODUCING

LITEON 01

Glutathione 600mg/ml for injection

Mother of Antioxidant



Approved Indication

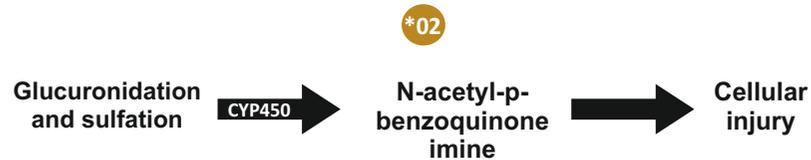
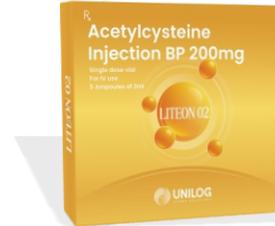
- Alcoholic fatty liver
- Liver cirrhosis
- Hepatitis
- Liver Fibrosis

*For dosage & administration please refer pack insert

LITEON 02

Acetylcysteine 200mg/ml For Injection

- **Acetylcysteine**
Immediate precursor of Glutathione



Glutathione In The Liver Can Normally Detoxify These Minuscule Quantities

Acetylcysteine Repletes The Glutathione Levels, Also Binds To The Toxic Metabolite & Scavenges Free Radicals

Also Increases Oxygen Delivery To Tissues & Increases Mitochondrial ATP Production

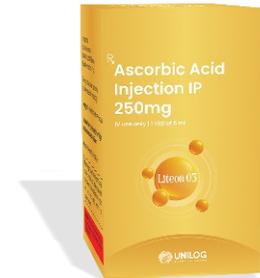
Approved Indication

- Acetylcysteine Administered Intravenously Within 8 To 10 Hours After Acetaminophen Overdose To Prevent Or Lessen Hepatic Injury.

LITEON 03

Ascorbic Acid 250mg/ml for injection

- **Ascorbic acid**
Powerful anti-oxidant & protect cells against free radicals



*04

- Synthesize the collagen type IV at the basement membrane separating epidermis from dermis
- Allows hydroxylation and crosslinking of pro-collagen catalyzed by lysyl hydroxylase
- Inhibits the hemorrhage occurs caused due to the scurvy & Balances pool of Vitamin C deficiencies

Approved Indication

For prevention and treatment of scurvy

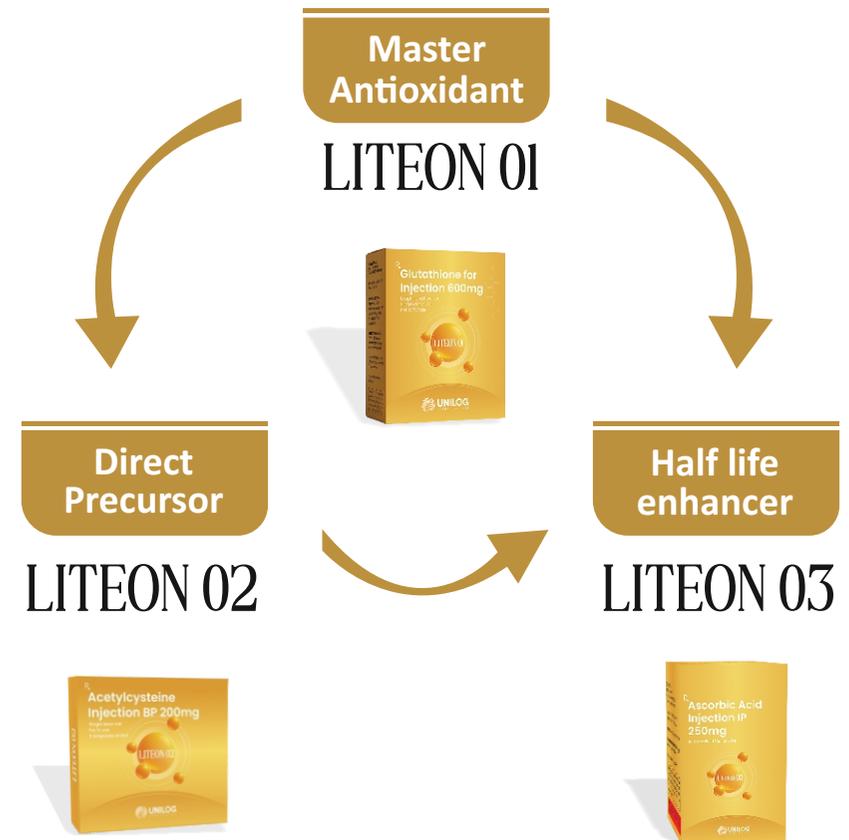
*For dosage & administration please refer pack insert

Synergistic action of LITEON 01-02-03

- **01 Glutathione**
 - Mother of antioxidant
 - Reduces oxidative stress

- **02 Acetylcysteine**
 - Cysteine prodrug and helps replenishes glutathione
 - Directly increases cellular glutathione production

- **03 Ascorbic acid**
 - Increases blood glutathione by 2 folds
 - Reprocesses Glutathione by converting oxidized glutathione back to its reduced form



Abbreviated prescribing information:

LITEON 01

Composition: Each vial contains lyophilized powder for injection Glutathione BP, 600 mg ,Excipients q.s. **Indications:** LITEON 01 injection is indicated for the treatment of Alcoholic fatty liver, Alcoholic liver fibrosis, Alcoholic liver cirrhosis, Alcoholic hepatitis **Contraindications:** LITEON 01 injection is contraindicated in the patients who show hypersensitivity to reduced Glutathione. **Special warnings, precautions & drug interactions:** Administer LITEON 01 injection under the supervision of a doctor. Keep out of reach of children. If unusual symptoms such as eruption, pale face, blood pressure drop, or difficulty in breathing occur during therapy, discontinue the drug administration immediately. Administer LITEON 01 injection intramuscularly only when the need arises. Avoid injecting at the same site repeatedly. The products for parenteral use should be visually inspected before administration, in order to detect the presence of particles or of an abnormal colour. Do not use in case of turbidity or precipitates. Use immediately after reconstitution. **USE IN SPECIAL POPULATION:** Pregnancy & Lactation-LITEON 01 injection should not be administered to a pregnant and lactating woman unless clinical benefit outweighs the risks. LITEON 01 injection should be used with caution in neonates, premature infants and children, especially when it is administered by intramuscular injection. Geriatric- For the elderly patients, appropriate dose reduction and strict monitoring is required during therapy. Drug interactions- Vitamin K, Vitamin B12, Calcium pantothenate and antihistamines can affect the bioavailability of Glutathione.



LITEON 02

Composition: Sterile Intravenous solution for injection Acetylcysteine BP 200mg, Water for injection IP qs **Indications:** Acetylcysteine administered intravenously within 8 to 10 hours after ingestion of a potentially hepatotoxic quantity of acetaminophen, is indicated to prevent or lessen hepatic injury. **Contraindications:** Acetylcysteine is contraindicated in patients with hypersensitivity or previous anaphylactoid reactions to Acetylcysteine or any components in the preparation. **Special warnings, precautions & drug interactions:** Serious anaphylactoid reactions, including death in a patient with asthma, have been reported in patient administered Acetylcysteine intravenously. Acute flushing and erythema of the skin may occur in patients receiving Acetylcysteine intravenously. These reactions usually occur 30 to 60 minutes after initiating the infusion and often resolve spontaneously despite continued infusion of Acetylcysteine. Anaphylactoid reactions (defined as the occurrence of an acute hypersensitivity reaction during Acetylcysteine administration including rash, hypotension, wheezing, and/or shortness of breath) have been observed in patients receiving I.V. Acetylcysteine should be used with caution in patients with asthma, or where there is a history of bronchospasm. The total volume administered should be adjusted for patients less than 40 kg and for those requiring fluid restriction. **Drug interactions-** Drug stability and safety of Acetylcysteine when mixed with other drugs have not been established.



LITEON 03

Composition: Sterile Intravenous solution for injection Ascorbic acid IP 250mg, Water for injection IP qs **Indications:** For the prevention and treatment of scurvy. Ascorbic acid injection is indicated for the short term (up to 1 week) treatment of scurvy in adult and paediatric patients age 5 months and older for whom oral administration is not possible, insufficient or contraindicated. **Special warnings, precautions & drug interactions:** Administer Ascorbic acid injection under the supervision of a doctor. Keep out of reach of children. If unusual symptoms such as eruption, pale face, blood pressure drop, or difficulty in breathing occur during therapy, discontinue the drug administration immediately. **Drug interactions-** **Antibiotics:** Ascorbic acid may decrease the activities of erythromycin, kanamycin, streptomycin, doxycycline, and lincomycin. Bleomycin is inactivated *in vitro* by Ascorbic acid. **Amphetamine and Other Drugs Affected by Urine Acidification:** Ascorbic acid may cause acidification of the urine and result in decreased amphetamine serum levels and affect excretion and plasma concentrations of other drugs sensitive to urine pH.

