



### **Product Description:**

Each Capsule contains Coenzyme Q10 100mg, EPA 100 mg, EPA 90 mg, DHA 60 mg, Lycopene 4000 mcg, Selenium 70 mcg

### **General Information:**

Comorbid conditions, meaning the presence of two or more coexisting medical conditions in a person at the same time, can significantly impact overall health and treatment outcomes. Lifestyle diseases, often linked to unhealthy habits like smoking, poor diet, and lack of physical activity, are a major contributor to the rise in comorbid conditions. Common comorbidities include hypertension, diabetes, obesity, respiratory diseases, cardiovascular diseases, mental health disorders, cancer, and chronic kidney disease. Comorbidities can complicate treatment, increase the risk of complications, and affect overall health and quality of life.

- **Cardiovascular Diseases:**

Hypertension, a major cardiovascular disease, can coexist with other conditions like diabetes, stroke, and kidney disease.

- **Diabetes:**

Type 2 diabetes, a common lifestyle disease, is often linked to cardiovascular disease, high cholesterol, and kidney disease.

- **Obesity:**

Obesity, a consequence of unhealthy eating and inactivity, can increase the risk of diabetes, heart disease, and certain cancers.

- **Respiratory Diseases:**

Chronic obstructive pulmonary disease (COPD) and asthma, respiratory conditions often associated with smoking and air pollution, can coexist with other health issues.

- **Male Infertility:**

Male infertility is often associated with often associated with stress, lifestyle, smoking, alcohol consumption.

### **Oxidative Stress:**

Oxidative stress, results from the excessive intracellular accumulation of reactive oxygen species (ROS), reactive nitrogen species (RNS), and other free radical species.

Oxidative Stress contributes to the onset and progression of various diseases, including diabetes, obesity, diabetic nephropathy, diabetic neuropathy, neurological diseases and cardiovascular disease.

### **Antioxidants:**

Antioxidants are the molecules that prevent cellular damage caused by oxidation of other molecules.

Antioxidant reacts with these free radicals inhibits other oxidation reactions by oxidizing themselves.

### **Indication:**

For Management of Oxidative Stress in Comorbid Conditions.

### **Dosage and Administration:**

1 Capsule BD

### **Coenzyme Q10:**

CoQ10 increases the production of antioxidants like superoxide dismutase, which can help with vascular oxidative stress. It can help reduce cellular imbalance caused by an increase in reactive oxygen species (ROS). It protects mitochondrial DNA and membrane proteins from oxidative damage. Coenzyme Q10 improves sperm count and sperm quality in male infertility.

**EPA 90 mg, DHA 60mg:**

Eicosapentaenoic acid (EPA) and Docosahexaenoic acid (DHA) are omega-3 fatty acids that have antioxidant properties. EPA and DHA can help with cardiovascular health by reducing oxidative stress and improving mitochondrial function.

**Lycopene:**

Lycopene is a type of organic pigment called a carotenoid. Lycopene is a powerful antioxidant that helps protect cells from damage. Lycopene helps prevent heart disease by stopping arteries from getting blocked, which lowers blood pressure.

**Selenium:**

Selenium is a trace mineral that has antioxidant properties and many health benefits. Selenium helps the body produce antioxidant enzymes that prevent cell damage from free radicals. Selenium supplements reduce the risk of cardiovascular disease or deaths associated with cardiovascular disease.