

Diseases Related to Oxidative Stress (Depletion of Glutathione or GSH)

- **Neurodegenerative Diseases**
 Parkinson disease Multiple Sclerosis Dementia
 Alzheimer disease Schizophrenia Huntington's disease

- **Aging Diseases**
 Arthritis Osteoarthritis Cataract Prostate problems
 Diabetes Macular Degeneration

- **Cancer**
 Prostate cancer Colorectal cancer Ovarian cancer Stomach cancer
 Breast cancer Bladder cancer Lymphoma Liver cancer & others
 Lung cancer Uterine cancer Skin cancer Wasting Disease

- **Liver Diseases**
 Toxic Hepatitis Viral Hepatitis (A, B, C) Chronic Hepatitis Cirrhosis

- **Lung Diseases**
 Asthma Emphysema Pulmonary fibroses
 Pneumonia Chronic obstructive pulmonary disease (COPD)
 Bronchitis (chronic and acute) Adult respiratory distress syndrome (ARDS)
 Cystic fibroses

- **Cardiovascular Diseases**
 Arteriosclerosis & its consequences
 Heart failure High blood pressure Heart disease
 Heart Attack Stroke Cholesterol and plaque formation
 Kidney failure Impaired circulation Reperfusion injury

- **Digestive Diseases**
 Inflammatory bowel disease Crohn's disease Stomach cancer Peptic ulcer
 Ulcerative colitis Gastritis Pancreatitis

- **Kidney Failure & Dialysis**
 Kidney failure Renal toxicity Oxidative stress from dialysis

- **Infectious Diseases and Immunology**
 Viral infection HIV and AIDS Herpes Chronic fatigue syndrome
 Toxic Hepatitis & cirrhosis Common Cold Certain autoimmune dysfunction
 Viral hepatitis (type A, B, & C) Bacterial infection

- **Skin Disorders**
 Psoriasis Polymyositis Atopic dermatitis Dermatitis herpetiformis
 Eczema Mycosis fungoides Contact dermatitis Acne conglobata
 SLE (lupus) Scleroderma Seborrheic Acne vulgaris
 Vasculitis Pemhigoid dermatitis UV radiation skin damage

- **Eye, Ear, Nose, Throat & Teeth**
 Cataract Hearing loss Periodontal (gum) disease
 Glaucoma Ear infection Nose, mouth & throat (upper respiratory tract) disease
 Macular degeneration Sinusitis

- **Pregnancy, Lactation & Childbirth**
 Pre-eclampsia Eclampsia Hypertension Diabetes
*GSH eliminates toxins and provides antioxidant defense system to the fetus during pregnancy.
 Mother's milk (ideal precursor of GSH) has a very important role for the health and development of newborns, especially the long-term effects on the immune system.*

- **Exercise & Athletic Performance**
 Over-Training Syndrome & the related oxidative stress

- **Male Problems**
 Prostate enlargement Prostate cancer Balding and hair loss Male infertility

