

MEDICAL CONDITIONS ASSOCIATED WITH LOW GLUTATHIONE LEVELS

GENERAL

- ~ Obesity ~ Immune signaling ~ Endothelial dysfunction ~ Alcoholism
- ~ Inflammation ~ Heavy metal poisoning

CARDIOVASCULAR

- ~ Angina and spastic angina ~ Unstable angina ~ Heart attacks ~ Positive stress tests
- ~ Reperfusion after cardiac bypass surgery

PULMONARY

- ~ Emphysema (COPD) ~ Pulmonary Fibrosis (IPF) ~ Asthma ~ Muscle wasting in COPD
- ~ Chronic bronchitis ~ Tobacco abuse

NEURO/PSYCH

- ~ Migraine headaches ~ Alzheimer's ~ Parkinson's ~ Multi infarct dementia ~ Autism
- ~ ADHD (Attention Deficit Hyperactivity Disorder) ~ Bipolar disease ~ Schizophrenia
- ~ Lou Geri's disease ~ Huntington's chorea ~ Multiple Sclerosis (MS) ~ Depression

OPHTHAMOLOGY

- ~ Cataracts ~ Macular Degeneration

INFECTIOUS DISEASE/IMMUNOLOGY

- ~ Hepatitis A, B, and C ~ Herpes simplex ~ Herpes zoster/shingles ~ Influenza and Bird Flu
- ~ HIV ~ MRSA ~ Common viral infections (upper respiratory, gastroenteritis) ~ Others

RHEUMATOLOGY

- ~ Systemic Lupus Erythematosus (SLE) ~ Rheumatoid arthritis (RA)
- ~ Multiple Sclerosis (MS) ~ Systemic Sclerosis (Scleroderma) Syndrome ~ Behcet's Syndrome
- ~ ME/CFS ~ Fibromyalgia ~ Others

DERMATOLOGY

- ~ Wrinkles, sagging ~ Acne ~ Psoriasis ~ Atopic dermatitis ~ Eczema ~ Others

ONCOLOGY Every cancer studied including:

- ~ Brain ~ Head and neck ~ Thyroid ~ Lung ~ Esophagus ~ Stomach ~ Intestine ~ Liver
- ~ Pancreas ~ Kidney ~ Uterine ~ Ovarian ~ Prostate ~ Leukemia (acute and chronic)
- ~ Lymphoma ~ Multiple myeloma ~ Others

OB/GYN

- ~ Infertility ~ Spontaneous abortions ~ Pre Menstrual Syndrome