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

Excerpt from GLUTATHIONE Your Best Defense Against Aging, Cellular Damage and Disease by Dr Robert H. Keller, MD, MS, FACP, AAHIVS – Director of Medicine & Research/KBK Institute of Advanced Medicine, Published 2008