

DISEASE EVOLUTION TABLE OF HOMOTOXICOSIS - UPDATED & REVISED BY THE BIOREGULATORY MEDICINE INSTITUTE

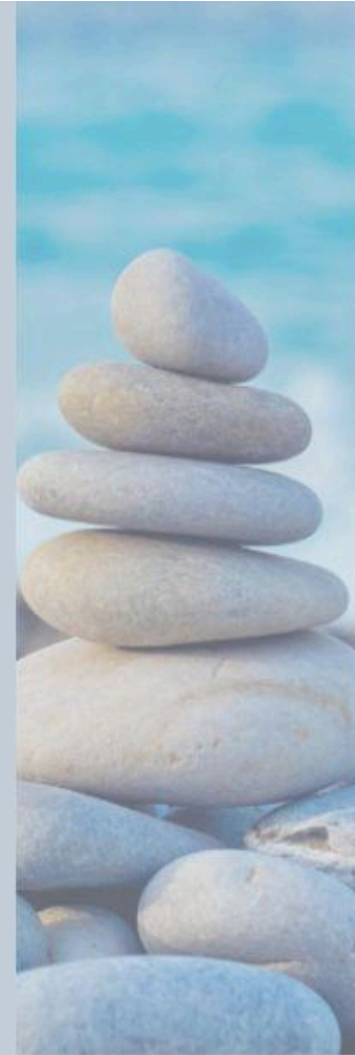
|                             | HUMORAL PHASES (IMMUNE RESPONSE)   |  | MATRIX PHASE (INTERCELLULAR)  |   | CELLULAR PHASE (AT CELLULAR LEVEL)  |  |
|-----------------------------|--|--|---|---|---|--|
|                             | REVERSIBLE   |  | BODY NEEDS HELP TO DETOXYFY   |   | IMPROVEMENT POSSIBLE, RESTORATION-NOT   |  |
| ORGAN SYSTEM                | NORMAL EXPULSION OF TOXINS   | INCR. EXPULSION & SYMPTOMS   | BODY BEGINS TO DEPOSIT TOXINS   | TOXINS BEGIN ENTERING CELLS   | DAMAGE TO CELLS BEGINS  | TISSUE BEGIN TO DEGENERATE   |
|                             | Expulsion Phase  | Inflammation Phase   | Deposition Phase  | Impregnation Phase  | Degeneration Phase  | Dedifferentiation Phase  |
| CARDIOVASCULAR SYSTEM       | NORMAL HEART RATE VARIABILITY  | HYPERTENSION, PERICARDITIS, ENDOCARDITIS, VASCULITIS   | EARLY ATHEROSCLEROSIS, LIPID ABNORMALITIES, CORONARY ARTERY CALCIFICATION, VALVE SCLEROSIS  | CORONARY ARTERY DISEASE (CAD), STABLE ANGINA, PERIPHERAL ARTERY DISEASE, ATRIAL FIBRILLATION  | ACUTE MYOCARDIAL INFARCTION (HEART ATTACK), CONGESTIVE HEART FAILURE, AORTIC ANEURYSM, ADVANCED VALVULAR HEART DISEASE  | END-STAGE HEART FAILURE, CARDIOGENIC SHOCK, VENTRICULAR FIBRILLATION, CARDIAC TUMORS (RARE)  |
| DIGESTIVE SYSTEM            | NORMAL BOWEL FUNCTION IN ELIMINATING TOXINS  | GASTRITIS, ENTERITIS, COLITIS, IRRITABLE BOWEL SYNDROME (IBS), MILD INFLAMMATORY BOWEL DISEASE (IBD) SYMPTOMS, FOOD SENSITIVITIES OR INTOLERANCES, EARLY LEAKY GUT | GALLSTONES OR KIDNEY STONES, FATTY LIVER DISEASE, DIVERTICULOSIS, POLYPS IN THE COLON, CHRONIC LEAKY GUT  | CHRONIC INFLAMMATORY BOWEL DISEASES (CROHN'S, ULCERATIVE COLITIS), CELIAC DISEASE, CHRONIC PANCREATITIS, GASTROESOPHAGEAL REFLUX DISEASE (GERD)   | CIRRHOSIS OF THE LIVER, ADVANCED INFLAMMATORY BOWEL DISEASE WITH COMPLICATIONS, CHRONIC MALABSORPTION SYNDROMES, PEPTIC ULCERS  | GASTROINTESTINAL CANCERS (E.G., COLORECTAL, STOMACH, PANCREATIC), END-STAGE LIVER DISEASE, SEVERE INTESTINAL FAILURE, GASTROINTESTINAL PERFORATIONS OR FISTULAS  |
| ENDOCRINE SYSTEM (HORMONES) | NORMAL HORMONAL RESPONSES THROUGHOUT THE BODY TO SUPPORT THE ORGANS OF ELIMINATION | SUBCLINICAL THYROID DYSFUNCTION, PREDIABETES OR INSULIN RESISTANCE, MILD ADRENAL FATIGUE, EARLY SIGNS OF HORMONAL IMBALANCES (E.G., ESTROGEN DOMINANCE)            | OVERT HYPOTHYROIDISM OR HYPERTHYROIDISM, TYPE 2 DIABETES MELLITUS, POLYCYSTIC OVARY SYNDROME (PCOS), ADRENAL INSUFFICIENCY  | AUTOIMMUNE THYROID DISEASES (HASHIMOTO'S THYROIDITIS, GRAVE'S DISEASE), DIABETIC COMPLICATIONS (NEUROPATHY, RETINOPATHY), CUSHING'S SYNDROME OR ADDISON'S DISEASE, SEVERE HORMONAL IMBALANCES AFFECTING MULTIPLE GLANDS | ADVANCED DIABETIC COMPLICATIONS (NEPHROPATHY, CARDIOVASCULAR DISEASE), OSTEOPOROSIS DUE TO HORMONAL IMBALANCES, PITUITARY TUMORS OR DYSFUNCTION, SEVERE METABOLIC DISORDERS | ENDOCRINE CANCERS (E.G., THYROID CANCER, PANCREATIC NEUROENDOCRINE TUMORS), END-STAGE ORGAN FAILURE DUE TO ENDOCRINE DYSFUNCTION, MULTIPLE ENDOCRINE NEOPLASIA SYNDROMES, SEVERE SYSTEMIC METABOLIC CRISES |
| EPIDERMAL SYSTEM (SKIN)     | NORMAL SWEATING TO REMOVE TOXINS   | PERSISTENT ACNE, DERMATITIS, ALLERGIC REACTIONS, HIVES, ECZEMA   | HYPERKERATOSIS, ECZEMA, DEVELOPMENT OF BENIGN MOLES, SKIN TAGS  | PSORIASIS, CHRONIC ECZEMA, VITILIGO, EARLY STAGES OF SCLERODERMA  | ADVANCED PHOTOAGING (DEEP WRINKLES), PRECANCEROUS LESIONS LIKE ACTINIC KERATOSIS, NON-HEALING WOUNDS  | SQUAMOUS CELL CARCINOMA, BASAL CELL CARCINOMA, MELANOMA, ADVANCED SCLERODERMA  |
| IMMUNE SYSTEM               | NORMAL IMMUNE RESPONSE TO ELIMINATE TOXINS   | CHRONIC ALLERGIES OR FOOD SENSITIVITIES, RECURRENT INFECTIONS, PERSISTENT LOW-GRADE INFLAMMATION, AUTOIMMUNE TENDENCIES  | DEVELOPMENT OF AUTOANTIBODIES, CHRONIC INFLAMMATORY CONDITIONS (E.G., RHEUMATOID ARTHRITIS, PSORIASIS), FREQUENT INFECTIONS, INCREASED SUSCEPTIBILITY TO ENVIRONMENTAL TOXINS | ESTABLISHED AUTOIMMUNE DISEASES, CHRONIC FATIGUE SYNDROME, FIBROMYALGIA, PERSISTENT IMMUNE ACTIVATION LEADING TO SYSTEMIC INFLAMMATION  | DISEASES WITH ORGAN DAMAGE, SEVERE IMMUNODEFICIENCIES, CHRONIC INFLAMMATORY DISEASES WITH SYSTEMIC EFFECTS, INCREASED RISK OF CERTAIN CANCERS DUE TO IMMUNE DYSFUNCTION     | END-STAGE AUTOIMMUNE DISEASES, SEVERE COMBINED IMMUNODEFICIENCY (SCID), HEMATOLOGICAL CANCERS (E.G., LEUKEMIA, LYMPHOMA), SYSTEMIC INFLAMMATORY RESPONSE, SYNDROME (SIRS) OR SEPSIS                        |

|                                  | Expulsion Phase   | Inflammation Phase  | Deposition Phase   | Impregnation Phase  | Degeneration Phase   | Dedifferentiation Phase   |
|----------------------------------|---|---|--|---|--|---|
| LYMPHATIC SYSTEM                 | NORMAL LYMPH FLOW - LYMPHATIC SYSTEM IS WORKING PROPERLY FOR NORMAL FLUID BALANCE, IMMUNE RESPONSE, & TOXIN REMOVAL | OCC. INFLAMMATION OF LYMPH NODES, LOCALIZED EDEMA OR SWELLING, MILD INFLAMMATION OF LYMPHATIC VESSELS, INCREASED SUSCEPTIBILITY TO INFECTIONS                 | CHRONIC LYMPHEDEMA IN EXTREMITIES, PERSISTENT SWELLING AND FIBROSIS OF AFFECTED TISSUES, RECURRENT CELLULITIS OR SKIN INFECTIONS, IMPAIRED IMMUNE RESPONSE               | ADVANCED LYMPHEDEMA WITH SKIN CHANGES AND FIBROSIS, LIPEDEMA (ABNORMAL FAT DEPOSITION), COMPROMISED IMMUNE ISSUES LEADING TO INCREASED INFECTION RISK             | SEVERE LYMPHEDEMA WITH SKIN THICKENING, DILATED LYMPHATIC VESSELS, LYMPHATIC MALFORMATONS, SEVERE IMMUNODEFICIENCY DUE TO LYMPHATIC DYSFUNCTION                                    | LYMPHOMA, LYMPHOSARCOMA, SEVERE LYMPHEDEMA, IMMUNE DYSFUNCTION & OPPORTUNISTIC INFECTIONS   |
| METABOLIC SYSTEM                 | NORMAL CHEMICAL RESPONSES THROUGHOUT THE BODY SUPPORTING NORMAL DETOXIFICATION SYSTEMS                              | MILD WEIGHT GAIN - ABDOMINAL, METABOLIC SYNDROME OR INSULIN RESISTANCE, TRANSIENT GASTROINTESTINAL DISTURBANCES   | OBESITY, WEIGHT LOSS, NON-ALCOHOLIC FATTY LIVER DISEASE OR CHRONIC INSULIN RESISTANCE, ONGOING FATIGUE & ELEVATED LIVER ENZYMES  | ELEVATED A1C, TYPE 2 DIABETES OR ADVANCED LIVER DISEASE, SIGNIFICANT FATIGUE, JAUNDICE  | DAMAGE LEADING TO END-STAGE LIVER DISEASE OR SEVERE DIABETES COMPLICATIONS - SYSTEMIC EFFECTS & MARKED WEIGHT LOSS   | MALIGNANCIES LIKE HEPATOCELLULAR CARCINOMA OR PANCREATIC CANCER - WITH SEVERE & SYSTEMIC SYMPTOMS   |
| MUSCULAR SYSTEM                  | NORMAL MUSCULAR FUNCTION - MUSCLES ARE CONTRACTING & RELAXING PROPERLY TO ASSIST MAJOR ORGANS OF ELIMINATION        | OCC. MUSCLE PAIN, MILD MUSCLE WEAKNESS - PARTICULARLY IN THE HIPS, THIGHS, SHOULDERS, AND PELVIS, DIFFICULTY KEEPING UP WITH PEERS DURING PHYSICAL ACTIVITIES | PROGRESSIVE MUSCLE WEAKNESS, DIFFICULTY CLIMBING STAIRS OR RISING FROM A SEATED POSITION, FREQUENT FALLS, WADDLING GAIT  | SIGNIFICANT MUSCLE WEAKNESS AFFECTING MULTIPLE MUSCLE GROUPS, LOSS OF ABILITY TO WALK IN SOME CASES, DEVELOPMENT OF CONTRACTURES                                  | SEVERE MUSCLE WEAKNESS AND ATROPHY, LOSS OF AMBULATION IN MOST CASES, RESPIRATORY INSUFFICIENCY REQUIRING VENTILATORY SUPPORT  | COMPLETE LOSS OF MUSCLE FUNCTION IN AFFECTED AREAS, SEVERE RESPIRATORY FAILURE, ADVANCED CARDIAC COMPLICATIONS, SHORTENED LIFE EXPECTANCY                         |
| NERVOUS SYSTEM                   | CEREBROSPINAL FLUID (CSF) FLUSHES OUT TOXINS AND WASTE PRODUCTS FROM THE BRAIN - MOSTLY DURING SLEEP                | OCC. HEADACHES OR MIGRAINES, MILD ANXIETY OR MOOD SWINGS, CHRONIC FATIGUE SYNDROME, PERIPHERAL NEUROPATHY SYMPTOMS  | MILD COGNITIVE IMPAIRMENT, EARLY SIGNS OF BALANCE & COORDINATION ISSUES, INCREASED SENSITIVITY TO ENVIRONMENTAL STIMULI, SLEEP DISORDERS SUCH AS INSOMNIA OR SLEEP APNEA | CHRONIC PAIN SYNDROMES (E.G., FIBROMYALGIA), AUTONOMIC NERVOUS SYSTEM DYSFUNCTION, MORE PRONOUNCED COGNITIVE DECLINE, ONSET OF NEURODEGENERATIVE DISEASE SYMPTOMS | ADVANCED STAGES OF NEURODEGENERATIVE DISEASES (E.G., ALZHEIMER'S, PARKINSON'S), SEVERE COGNITIVE IMPAIRMENT OR DEMENTIA, SIGNIFICANT LOSS OF MOTOR FUNCTION, ADVANCED NEUROPATHIES | END-STAGE NEURODEGENERATIVE DISEASES, SEVERE BRAIN ATROPHY, COMPLETE LOSS OF AUTONOMY & COGNITIVE FUNCTION, NEUROLOGICAL CANCERS (E.G., GLIOBLASTOMA, MENINGIOMA) |
| PSYCHE                           | NORMAL MENTAL PROCESSING OF EMOTIONS (E.G., DREAMING)   | HYPERACTIVITY, IRRITABILITY, OCC. ANXIETY, MILD DEPRESSION, OCC. INSOMNIA & FATIGUE   | PSYCHOSOMATIC DISORDERS, DEPRESSION, CHRONIC ANXIETY, MOOD SWINGS & AVOIDANCE BEHAVIORS  | DEPRESSION, PSYCHOSIS, CHRONIC ANXIETY - IMPAIRING DAILY FUNCTIONING  | NEURODEGENERATIVE DISORDERS OR SEVERE CHRONIC MENTAL ILLNESSES, WITH COGNITIVE DECLINE & LOSS OF REALITY   | LIFE-THREATENING PSYCHOLOGICAL CONDITIONS, SUCH AS SEVERE PSYCHOSIS OR SUICIDAL IDEATION, REQUIRING IMMEDIATE INTERVENTION  |
| RESPIRATORY SYSTEM               | NORMAL EXPULSION OF TOXINS THROUGH EXHALATION, SNEEZING   | ACUTE BRONCHITIS, PNEUMONIA, MILD ASTHMA, ALLERGIC RHINITIS   | CHRONIC BRONCHITIS, EARLY STAGES OF COPD, EXCESS MUCUS   | PERSISTENT ASTHMA, ADVANCED STAGES OF PULMONARY FIBROSIS  | SEVERE EMPHYSEMA, ADVANCED COPD, RESPIRATORY FAILURE REQUIRING OXYGEN THERAPY  | LUNG CANCER, END-STAGE COPD, EMPHYSEMA, OR RESPIRATORY FAILURE REQUIRING CONTINUOUS OXYGEN THERAPY OR VENTILATION   |
| SKELETAL SYSTEM (BONES & JOINTS) | STEM CELLS WITHIN BONES NATURALLY SUPPORT ORGANS OF ELIMINATION THROUGH REPAIR MECHANISMS                           | OCCASIONAL JOINT STIFFNESS, MINOR ACHES AND PAINS, TEMPORARY DECREASE IN BONE DENSITY, SLIGHT POSTURAL CHANGES  | MODERATE OSTEOPOROSIS, FORMATION OF BONE SPURS, CALCIFICATION OF TENDONS AND LIGAMENTS, DECREASED JOINT FLEXIBILITY  | ADVANCED OSTEOPOROSIS WITH INCREASED FRACTURE RISK, DEGENERATIVE DISC DISEASE, SPINAL STENOSIS, RHEUMATOID ARTHRITIS  | SEVERE OSTEOPOROSIS WITH MULTIPLE FRACTURES, ADVANCED DEGENERATIVE JOINT DISEASE, OSTEO NECROSIS, PAGET'S DISEASE OF BONE  | BONE CANCERS (E.G., OSTEOSARCOMA, MULTIPLE MYELOMA), SEVERE SPINAL DEFORMITIES, END-STAGE ARTHRITIS WITH JOINT DESTRUCTION  |
| URINARY SYSTEM                   | NORMAL EXCRETION OF METABOLITES (INCLUDING TOXINS) THROUGH URINATION  | CYSTITIS, URETHRITIS, OR PROSTATITIS  | CHRONIC CYSTITIS, RECURRENT UTIs, OR CHRONIC PROSTATITIS, KIDNEY STONES  | INTERSTITIAL CYSTITIS, NEPHRITIS, OR CHRONIC KIDNEY DISEASE WITH SIGNIFICANT SYMPTOMS   | ADVANCED CHRONIC KIDNEY DISEASE, KIDNEY FAILURE, OR SEVERE UROGENITAL INFECTIONS   | BLADDER CANCER, KIDNEY CANCER, OR PROSTATE CANCER WITH SEVERE & SYSTEMIC SYMPTOMS   |

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