



Biochemical Dynamics in the Development of Degenerative Diseases

by Dr. Donna F. Smith

THE EIGHT STAGES IN DEVELOPMENT OF DISEASE & PROGRESSION TOWARD DEATH WHEN NOT REVERSED

STAGES	BIOCHEMICAL DYNAMICS IN THE DEVELOPMENT OF DEGENERATIVE DISEASES	YOUR PHYSICAL AND MENTAL EXPERIENCE				
1	True Health, i.e., Biochemistry in Homeostasis	Fit, Wellness, Energetic, Mentally Alert				
2	<p>1. Cellular & Tissue Nutrient Deficiencies/Excesses, such as too little or much Vitamin A, Vit. C, Calcium, Zinc, Protein, Carbohydrates, etc., and</p> <p>2. Cellular & Tissue Toxicity is ingesting or exposure to toxins, such as chemicals, metals, parasites (germs/worms), etc., in air, food, water, drugs & environment. Ex: food additives, nail polish, dry cleaning, formaldehyde in carpets.</p>	<p>Phase 1</p> <p>Asymptomatic until you reach Stage 2 – Phase 2.</p>	<p>Phase 2</p> <p>Declining Energy, Infrequent Mild Pain, Mild Allergies, Hormone Irregularities, Mental Fatigue, etc.</p>			
3	Biochemical Imbalances: electrolyte imbalances, fluid retention, neurotransmitter imbalance, malabsorption, glucose intolerance, kidney or gall stones, etc.	Ongoing Tiredness not satisfied by rest or reduced activity, Infrequent Moderate Pain, Hormone Imbalance, Persistent Allergies or Sensitivities, Absent-Minded, etc.				
4	Organ, Gland and Body System Dysfunctions , such as Incontinent Bladder, Joint Pain/Immobility, Clogged Arteries, Heart Irregularities, or any area of the body not in optimal function, mentally or physically.	Fatigue, Frequent Severe Pain, Frequent Allergy Attacks, Male/Female System Dysfunction, Mental Dysfunction, such as Mood Swings, Short-Term or Long-Term Memory Loss, Anxiety, Panic Attacks, Depression, etc.				
5	Patterns of the Disease Processes are progressions that include Stage 4 (Dysfunction), but are actually closer to the Disease Stage 6 due to increasing, multiple areas of cellular decay, dead cells and/or damage, just not at Stage 6 yet. Stage 5 is being in a pattern or process of developing a disease, but Test Results are still within the Lab's ranges. Examples: auto-immune diseases, Hypo- or Hyper-Thyroid, Hypo- or Hyperglycemia, or any other pattern of a disease, disorder, condition, or syndrome.	Experiences same as Stages 4 or 6, with varying degrees of severity, depending on how long you've been in Stage 5 or if the disease process is closer to Stage 6 than Stage 4. Though, in a pattern of any disease process , for example, developing Hypothyroid, you may have increasing hypothyroid symptoms prior to reaching Stage 6, though the process is not yet a fully-developed disease. It is in Stage 6 that it ceases to be in a pattern observed through Clinical Nutrition Analysis because now it is identifiable by your physician due to Test Results being outside the Lab's reference ranges and thus a medically diagnoseable disease.				
6	<p>The Two Phases of Degenerative Diseases (DD)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"><u>Phase 1</u></th> <th style="width: 50%;"><u>Phase 2</u></th> </tr> </thead> <tbody> <tr> <td>Disease Stage where still time to correct Stages 2, 3 & 4, through Clinical Nutrition, in order to provide the nutrients/detoxification the body needs to reverse the current disease processes and restore health.</td> <td>Symptoms improve by correcting Stages 2, 3, & 4; however, there are too many decaying or dead cells to completely reverse the disease process and restore health. Ex: improvement at 30%, 50%, 80%, or more, however, 100% is not possible. However, with long-term supplementation, it is possible to slow down the rapid degeneration process.</td> </tr> </tbody> </table>	<u>Phase 1</u>	<u>Phase 2</u>	Disease Stage where still time to correct Stages 2, 3 & 4, through Clinical Nutrition, in order to provide the nutrients/detoxification the body needs to reverse the current disease processes and restore health.	Symptoms improve by correcting Stages 2, 3, & 4; however, there are too many decaying or dead cells to completely reverse the disease process and restore health. Ex: improvement at 30%, 50%, 80%, or more, however, 100% is not possible. However, with long-term supplementation, it is possible to slow down the rapid degeneration process.	<ul style="list-style-type: none"> • Chronic & Constant Fatigue • Chronic & Constant Pain • Chronic & Constant Allergies / Asthma • Cancers, Tumors, Cysts, Fibroids • Mental Illnesses and Disorders <p>In Stage 6, the Long-Term Stages 2, 3 and 4 have progressed to the clinical disease stages and symptoms are constant and chronic.</p>
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Some people "feel" they are in Stage 6, Phase 2, when they are actually in Phase 1.						
7	<p>POINT OF NO RETURN</p> <p>The patient has reached the point of no return where a diseased organ or gland cannot be healed, yet, surgical removal of the organ or gland may be an option when it is possible to live a while longer without it.</p>	Symptoms are the same or even worse as in Stage 6 Phase 2.				
8	Complete Cellular Decay / Death in one or more "Vital" Organ, Gland or Body System	Death of The Physical Body (i.e., Total Lack of Energy)				

Except for injuries or heredity, the cause of all diseases is long-term Stages 2, 3, & 4 within organs, glands & body systems. Some Articles by Dr. Smith, not yet updated, may have Stage 5 as the Disease Stage instead of Stage 6 as indicated above.