Diseases of Aging

Goal: Healthy Longevity

"Measure and Treat Accelerated Aging Before it Impacts Health"

Alzheimer's disease (AD) is arguably the most devastating of all diseases and it primarily afflicts the aging. The incidence of AD doubles for every 5 years of age after 65. Other diseases track similarly to Alzheimer's and are part of "diseases of aging."

These diseases include:

- Dementia
- Macular degeneration
- Neurodegenerative diseases
- Cardiovascular diseases
- Multiple Sclerosis.

Our non-linear World

Much of our world is "asymptotic" rather than linear. Thank God! Otherwise we would get progressively more feeble with each year of age. Instead, we are able to stay relatively healthy until late in life when disease catches up.

Examples of our asymptotic world are all around us. Our cars run well for 150,00 or so miles then often decays catastrophically. An average runner can train a bit and do the 100 yard dash in 13 seconds but it takes years of training to do it in 10.
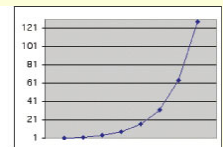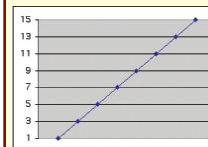
Our health, with age, follows this curve. You can ensure yourself longer good health through prevention, early detection, and being the quarterback of your health.

Early Diagnosis: Key to Successful Interventions

Medicine is seldom pro-active toward preventing disease, rather it is reactive to symptoms. And many treatment address symptoms rather than addressing the causes of diseases. The top 3 drug categories, responsible for over $100 billion in annual drug sales only address symptoms. These includes statins for cardiovascular disease, psychiatric drugs, and those targeting gastrointestinal complaints.

A detailed "differential" diagnosis using a so-called "functional" approach seeks to determine "root-cause" reasons for disease. When this occurs, treatments are very different compared to "symptomatic" treatments.

Early detection leads to more effective treatment.