The direct effect of "cell energy starvation" creating:

i) C.N.S. symptoms of central and peripheral anxiety-tension
ii) skeletal and smooth muscle spastic complaints,
iii) alteration in secretory tissue function, and
iv) physical signs of muscle, finger nails and tongue.

![Diagram 1]

While the following diseases represent the breakdown of adaptation of organs to the deficiency, cancer represents mutation maladaptation of a single cell to the same deficiency.

Through autonomic control the deficiency may excite the ancillary adaptive function of one or more organs to increase total body acidity thus facilitating the hyper-ionization of cellular calcium and effecting biochemical compensation for the deficiency and the starvation. Those functions may break down to create a disease and the influence of the acidifying functions will be reflected on the pH of saliva.

![Diagram 2]
A diagram illustrating the inter-relationship of certain deficiencies, cellular levels, salivary chemical change, and clinical findings.

Cellular level of ultraviolet energy activated calcium

Cellular and salivary acidity

Level of muscle, nerve, and other cell activity

Incidence of complaints
- Nervous
  - Skeletal
  - Muscular
  - Intestinal
  - Skin
  - Digestive
  - Other

Incidence of diseases
- Psychiatric
- Nervous-mental-psychic
- Respiratory
- Intestinal
- Cardio-vascular
- Skeletal
- Other: Cancer

These complaints represent the direct "energy starvation" effect of the deficiency on cells which comprise tissues.

These organ related diseases are the consequence of the breakdown of autonomically stimulated adaptive functions of organs which are designed to effect biochemical compensation for the deficiency. A cancer, which is a cell related disease, represents the progeny of a cell which adapted to the same deficiency through mutation to produce a cell which was "tailor made" to thrive in the deficiency.

There is crying need for pure clinical research indicating the relationship of lifestyle defects to that physical finding of salivary pH and to those varied complaints and diseases.