

THIS APPROACH: When deficient serotonin or dopamine concentrations exist on an optimal diet, a relative nutritional deficiency of the naturally occurring aromatic amino acids or cofactors is always present.™

INTRODUCTION

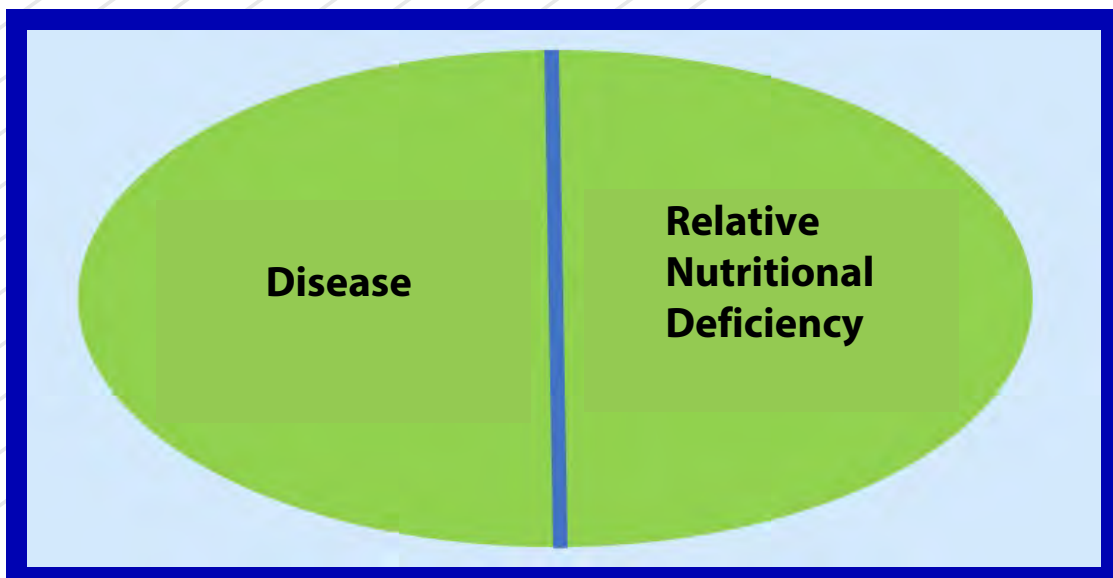
DEFINITION RELATIVE NUTRITIONAL DEFICIENCY: When the patient is on an optimal diet, and serotonin, dopamine, or thiol related symptoms improve with nutrient administration related to these systems, it may represent relative nutritional deficiency™ symptom improvement.

This writing contains many examples of relative nutritional deficiency symptoms.™

Symptoms of disease and relative nutritional deficiency symptoms may be identical and co-exist in the patient. The first example in this writing is the discussion of the the AB Baker, MD paper as found in JAMA 1941 as found on next page. It is the patient's response to nutrient administration that differentiates the source of symptoms. Relative nutritional deficiency symptoms can be identical to disease symptoms as covered in the discussions of provisional diagnosis and differential diagnosis in this writing. Administration of nutrients can confirm RND as the cause of symptoms.

DRUGS AND NUTRIENTS

Whenever serotonin, dopamine, or glutathione concentrations are low on an optimal diet, inadequate synthesis is always present (relative nutritional deficiency). Non-amino acid drugs do nothing to increase synthesis; this requires nutrients to restore normal function. There are many examples in the medical science of states associated with low, inadequate, depleted, deficient, or suboptimal serotonin, dopamine, or glutathione. Using drugs under these circumstances addresses the symptoms, not synthesis. Confusion may arise when expectations occur that doing one thing should address all problems. When the nutritional deficiency is present, it needs to be addressed, if other problems co-exist they too need to be addressed. Looking for one magic bullet can hinder comprehensive care of the patient when disease and relative nutritional deficiency symptoms occur simultaneously.



*The Food and Drug Administration (FDA) has not evaluated these statements. These nutrients are not intended to diagnose, treat, cure, or prevent any disease.