Niels K. Jerne is the great theoretical immunology, in its three main theories him (in a visionary way) has clarified essential questions concerning the specificity, development and regulation of the autoimmune response. The theory of natural selection watching antibody formation breaks the old patterns in immune response and is a starting point for modern cellular immunology.

His second theory explains how immune cells that mature in the thymus gland developed (under the influence of transplantation) antigens of the host. The third and most important theories predicted as the immune response is regulated by a complex network consisting of antibodies and anti-antibodies, and treatment of some diseases. The principles of network theory have begun to exploit prevention, diagnosis.

The "in vitro" Danish researcher and Nobel laureate Niels K. Jerne in 1984, established findings inadvertently scientific basis for the development of autohemotherapy, finding that under certain conditions the immune system turns against the body that should defend, form auto-antibodies that attack the body itself causing the so-called autoimmune diseases. His theory of network explains how an autoimmune disease can be successfully treated with anti-antibodies.

Application and operation of the Autohemotherapy

1. A sample of venous blood is taken
   where are located, red blood cells, white blood cells, platelets and proteins
2.- The red blood cells are responsible for transporting oxygen, while white blood cells are involved in defense mechanisms.

3.- With diseases of the immune system need to generate antibodies, which help us fight the auto antibodies that cause these diseases.

4.- To develop vaccine, venous blood was drawn from our body, where are millions of auto antibodies
5.- It is mixed with a solution for tissue culture, in the proportion determined by the physician, based on the pathology, the patient's condition and results of laboratory analysis.

6.- This auto antibodies are altered to become antigens

7.- With the vaccine refrigeration is maintained in a suitable condition for preservation and application.

8.- Application and operation of the vaccine.
This vaccine is applied daily at a dose determined by the attending physician.
9.- Thus we lead our immune system to generate the antibodies needed to combat our autoimmune disease.

10.- Gradually our body is recovered to strike a balance

11.- By eliminating auto antibodies, stop the progression of the disease and can recover some of the organic functions that may have been lost because of illness.
Enzyme therapy

Background

Enzyme therapy is the use of enzymes to treat deficiencies and other medical conditions in the body. An enzyme is a macromolecule that catalyzes (speeds up) processes in the body. Enzymes help to digest food, break down toxins, cleanse the blood, strengthen the immune system, build protein into muscle, contract muscles, eliminate carbon dioxide from the lungs and reduce stress on the pancreas and other vital organs. Enzyme therapy has a wide variety of proposed medical uses, ranging from the treatment of cystic fibrosis and pancreatic insufficiency, to certain cancers or tumors. The therapy may be systemic or non-systemic, and may be administered via multiple routes of administration, most often orally, topically or intravenously.

**COCARBOXYLASE NON DEGRADABLE SOLUTION**

In cases when reactivation of Kreb's Cycle is immediately necessary. Acute Ischemic processes, generalized or regional (CEREBRAL ISCHAEMIA, CEREBRAL PALSY, MYOCARDIAL INFARCTION, MESENTERIC OR RENAL THROMBOSIS), anesthetic accidents.

Electrocardiogram breaches in infectious processes and in Myocardial Infarction.

Coadjutant in revascularization of injured tissues in patients with microcirculation problems, who are in need of muscular or skin rack. Auxiliary in hepatic insufficiency and non-substitutable in hepatic cirrhosis. Metabolic or diabetic acidosis. In all cases where thiamine insufficiency is suspected. Neuritic processes (POLINEURITIS).

Investigators, such as Jacques Monod, Henri Laborit and Emile Pilet, stress the need for all living creatures to produce constant energy, allowing them to maintain their biologic processes, i.e., "carrying out the negative and opposing the second thermodynamic law. (Chemical Thermodynamics).

Biochemistry progress is reaching outstanding comprehension limits, where studies of the most important of all coenzymes, cocarboxylase, are showing us day-to-day, Its dazzling intervention in all cell metabolic processes, as well as new therapeutic applications are unveiling. "if biochemistry holds the secret of pathology and shows the way of therapeutics, then biogenetics explains all the unknown mysteries

**X-2** contains a non degradable solution of cacarboxylase that is resistant to the internal medium hydrolases allowing it to reach the cellular mitochondria with full enzymatic activity, where the molecule intervenes in the cell's energy production process.
Cocarboxylase, or thiamine pyrophosphate, acts as coenzyme of three important enzymes: the first one, acts in the pentose’s metabolism so they may participate in the degrading of hexose's; the second one intervenes within Kreb's Cycle and stimulates the energy retrieval; and the third and most important enzyme, performs and oxidative decarboxilation of the pyruvic acid bringing about acetyl-CoA, fuel needed to begin Kreb's Cycle. When there aren't enough enzymes or oxygen is insufficient in organic tissues, the thiamine (Vit. B1) to cocarboxilasa phosphorilation mechanism is disturbed. In these cases a typical hyperpyruvicemia of illnesses occurs, such as diabetic acidosis, gravid toxemia, myocardial, brain or renal ischemia, perinatal hypoxic encephalopathy (cerebral palsy); anesthetic accidents, cyanide poisoning, etc...

The pyruvic acid, which comes from glycolysis, in anaerobic conditions is reduced to lactic acid generating an acid environment within the cell obstructing the cell's energy procurement. latterly, the membrane depolarizes, a metabolic paralysis occurs, and finally the cell dies.

A contribution of X-2 with non degradable through parenteral administration cocarboxylase, acts in first place in the erythrocytes, increasing affinity, since there is low availability of the oxygen needed to transport it to the cells. Thenceforth, it acts in cellular membranes in the channel exchange of substances (glucose and ions), that due to the energy deficiency, had been blocked from going in or out of the cell, it helps at degrading the high levels of pyruvic acid into high levels of non acid acetyl-CoA, that will gradually reestablish the normal oxygen establishment. Plus, due to "macro energetic molecule", it is capable of providing direct energy in order to keep the cell alive, having it come out of the metabolic paralysis, and preventing its death.

Once the cocarboxylase acts, it is transformed into Thiamine, which is temporarily stored, eventually destroyed, and all excess, is secreted through urine.

**Indications**

In cases when reactivation of kreb’s cycle is immediately necessary. Acute ischemic processes, generalized or regional (CEREBRAL ISCHAEMIA, CEREBRAL PALSY, MYOCARDIAL INFARCTION, MESENTERIC OR RENAL THROMBOSIS), anesthetic accidents. Electrocardiogram breaches in infectious processes and in myocardial infarction
Co adjuvant in revascularization of injured tissues in patients with microcirculation problems, who are in need of muscular or skin rack. Auxiliary in hepatic insufficiency and non-substitutable in hepatic cirrhosis. Metabolic or diabetic acidosis. In all cases where thiamine insufficiency is suspected. Neurotic processes (POLINEURITIS).

**Contraindications:**

X-2 is contraindicated in patients with a known hypersensitivity to the salt.

**RNase / DNase (CRO-50, DNSM)**

Nucleases: ribonuclease (CRO-50) and desoxyribonuclease (DNSM) are enzymes normally found in the body, intra and extracellular. These enzymes carry important functions such as microbicides or germicides, and antitumor antiinflammatory. They are known as restriction enzymes that hydrolyze because in specific areas, the nucleic acids of viruses and bacteria, or injured or killed from aged cells. Has also been observed involved regulating cell proliferation to recognize and act on DNA (deoxyribonucleic acid) of cells having a multiplication disordered, as in the case of tumors.

Long been known to control the process inflammatory because they eliminate the exudates and secretions purulent abscesses and also decrease the viscosity of the mucus. It is by this mechanism of action and its microbicidal action that the therapeutic application of both nucleases is extensive.

It has proven its activity in the clinic, and experimentally in controlling the following bacteria. Staphylococcus aureus, Proteus vulgaris, Klebsiella pneumoniae Pseudomonas aeruginosa, Escherichia coli Salmonella typhi and Proteus vulgaris, mainly. Also has been shown lytic effect in vitro and in cell lines of cancerous origin: HEp-2, HeLa, L-929e in vivo benign tumoral processes or malignant. This effect relates to the ability of these enzymes to act on the degradation of DNA in the cancer cell, the synthesis rate is six times higher than a normal cell. For the above background, the application nuclease is indicated for the prevention of the degenerative and aging as well as processes tumor, since its function on the acid hydrolyzing Nucleic: RNA or DNA gives them the opportunity to DNA polymerases to reread the message or information DNA polymerases to reread the message or information DNA strand intact and correct or repair the probable errors in nucleic acids.

It is essential that simultaneously with the use of these enzymes is applied coenzyme cocarboxylase or thiamine pyrophosphate (X-2) to ensure the production of ATP molecules(adenosine triphosphate) and to maintain metabolism adequate energy. This prevents coenzyme between other functions, the electron transport of hydrogen molecules obtained from the glycolysis and the Krebs cycle-through chain electronic transport to reduce the oxygen molecular and form water, avoiding interruption the formation of oxygen free radicals, which besides being a major cause of aging favor the
development of tumors, energy metabolism blocking has as accordingly the increase in the permeability of membranes facilitating the passage of enzymes cell to blood plasma, which digest the cell injured or different protein components of the organism leading him to chaos and death.

Therefore, it is avoided important hypoxemia or prolonged anoxia. Our extensive experience clinical and success with the administration of these two nuclease stable in solution shows the advantages clinics ribonuclease and deoxyribonuclease for the treatment of sore throat, croup acute bronchiolitis, bronchitis, pneumonia, cystic fibrosis, infectious mononucleosis, hepatitis, lupus erythematosus, scleroderma, multiple sclerosis, leukemia, lymphoma malignant and malignant melanoma, tumor processes generally to prevent metastasis and degenerative processes respecting and maintaining the homeostasis of the organism.

**Regenerative Stem Cell Therapies**

Bone marrow (BM) is an important source for isolating mesenchymal stem cells (MSC) useful in immunomodulation and tissue regeneration therapies

**The Procedure:**

1. **Harvest:** Your own bone marrow stem cells are harvested through a small puncture in the hip bone, done under local anesthesia.

**The Steps of the Treatment**

Our method of autologous stem cell treatment consists of four steps:

1. **Harvest:** Your own bone marrow stem cells are harvested through a small puncture in the hip bone, done under local anesthesia.
2. **Separate:** Your cells are then separated from the bone marrow blood.

3. **Activate:** Using our patented LED light source we activate the stem cells, making the perfect remedy for healing.

4. **Return:** A large number of the activated stem cells are then put back in your own body to produce the most effective regenerative response. (IV solution) By using your own stem cells from your own body, you accept them naturally as your own, eliminating any risk of rejection. Our cellular therapies are not only effective, but also extremely safe.

**How long does it take?**
The small puncture procedure lasts about 30 minutes. Separation and activating the stem cells takes about 1 hour. Then, depending on where the stem cells will be reintroduced to (i.e. joints, your hairline or intravenously) you will be in the clinic for a further 1-2 hours. You will typically be in and out of the clinic within 4 hours.

**How many treatments are required to resolve my issue?**
This would depend on the type and severity of your condition as well as your state of health. For example, many mild arthritic conditions are often resolved in one treatment but more chronic degeneration may require 2-3 treatments.

**Typical peripheral benefits may include:**
- Increased energy levels
- Improved sleep quality
- Greater alertness, memory and concentration
- Stronger immune system
- Decreased pain
- Improved mood

We have extensive experience in the use of the autologous stem cell treatment. As recognized experts in using your own bone marrow (derived) cells.

- We use only autologous bone marrow stem cells, your own dormant cells.
- We are realistic and honest about treatment outcomes.
- We have regular follow up, months and even years post-procedure.
- We have built in a high degree of safety through our comprehensive stem cell treatment protocols.

**Conditions where treatments have shown effective**
- Sports injuries
- Degenerative joint disease, such as arthritis
- Kidney disease
- Lung disease
- Idiopathic Pulmonary Fibrosis (IPF)
- Emphysema
- Liver disease
- Heart disease
- Multiple sclerosis
- Spinal cord injury
- Post-stroke
- Alzheimer's disease - Autism
Diabetes (Type II)  
Anti-aging / rejuvenation  
and so on

HEALTHY NUTRITION PROGRAM AND DETOXIFICATION

It is quite impossible to attain good health if the fundamental laws of life are unknown, so much, that in order to live a long healthy life it is not only necessary to know about health, but about disease as well. Many of us believe with simplicity, that this knowledge is only important for those individuals that work in the health industry. However, although this belief is not all false, very little is known in medical science about the mechanisms of health vs disease, especially with respect to involutive disorders. Conventional medicine treats these types of disorders with palliatives, aimed only at diminishing pain but is by no means a cure. This manner of treatment is accepted, mainly because in the eyes of conventional medicine these disorders are seen as true diseases.

On the other hand “conceptual medicine” aims at simplifying this knowledge, as when viewing the forest from the sky, and not like conventional medicine that dwells among the trees and as such, cannot see the forest. For this reason, conventional medicine remains isolated from this general approach and explains health and fights disease as events of simple cause and effect. In this manner, conventional medicine considers involutive health problems as diseases with their own characteristics, and places them as separate entities with their own labels, such as: obesity, gastritis, constipation, hypertension, high cholesterol and triglycerides, atherosclerosis, osteoporosis, osteoarthritis, lupus, diabetes, cancer, migraines, Parkinson, and many others. As if they were independent health problems that required “specific treatment”. This is a very reductionist approach, and it is a mistake, since all the manifestations of bad health are, under the view of “conceptual medicine”, purely sings and symptoms of a greater problem, defined as “Premature Aging”. It is this disease that needs to be treated, but its treatment and bettering depend on the action taken by the patient, To follow with discipline the concepts of conceptual medicine

Our program of healthy eating, is aimed at stimulating the defense system and reduce the amount of Candida albicans and Candida TROPICAL, and increasing the elimination of toxins. On the other hand, our nutritional program eliminates poor nutrition (which is the norm in our civilized societies).

The precarious nutrition to which modern man is subjected, causes a persistent stress response, called Persistent Hypothalamic Stimulation Syndrome, if this syndrome remain active for a decade or two, it strongly contributes to the demise of the human body.

The vast majority of involutive diseases that we see today, may be nothing more than the result of an overly active defensive mechanism, to a continuous stress state. (Persistent Hypothalamic Stimulation Syndrome).

When our diet is incapable of providing assimilable nutritive material, the cells of the entire body begin to experience hunger, and activate a stress mechanism of defense called hunger stress.

Nevertheless, long before an overly activated stress response to cellular hunger is established, a few biochemical changes must take place inside the affected individual:
- First the appearance of a Euthyroid Sick Syndrome (ESS)
- Second, the Persistent Hypothalamic Stimulation Syndrome (PHSS)
- And ultimately the over activation of the Adrenal Glands, which will secrete corticoid hormones and catecholamine’s, in response to stress and will later give rise to the Cushingoid state.

The Euthyroid Sick Syndrome (ESS) occurs in response to precarious cell nutrition and appears around the age of 30, this condition signals the diencephalon to secrete the inhibitory hormone Somatostatin, causing a decrease in the function of the four important hormones for cellular activity: Growth Hormone, Glucagon, Thyroxin and insulin. The goal of this syndrome once it is established, is to force a hypo-metabolism (i.e. hibernation state) that would allow cell function but at a slower rate, to permit energy as well as nutrient conservation.

In our program of physiological nutrition and detoxification we have the knowledge to correct all metabolic blockages, presented by poor nutrition.

**BODY DETOXIFICATION IN OUR PROGRAM**

The organs of detoxification -- liver, colon, lungs, kidneys and skin -- functionally act as a "bottleneck" for the elimination of all toxins from the body. If these organs are strong and efficient, there isn't a problem. But, if the detox organs are weak and inefficient, a backlog of toxins can occur at the "bottlenecks," leaving toxins "backed up" in the bloodstream. While cells may be rapidly dumping toxins into the bloodstream, the toxins are not getting cleared from the body quickly enough. This can produce "symptoms of detoxification" or a "healing crisis." The detox procedures employed with the program can help break the bottleneck and greatly improve the rate of toxin elimination. Due to the rather hostile nature of our modern world environment, the detox procedures would be beneficial for anyone following any of our programs.

**CLEANING OF LIVER AND GALL BLADDER**

The role of the liver in the body cannot be dismissed. An estimated 600 performs different functions, the detoxication of toxic substances of the most important. Chinese compares the liver an army general, since distributed weapons and supplies where and when needed. Most people have bile numerous tubes obstructed by stones that hinder the flow of bile. The rocks are a refuge for viruses, bacteria and parasites, where the immune system not detected, which is a constant source of infection for the body. Moreover, gallstones prevent liver detoxification perform tasks which are peculiar. Toxic and remains unmetabolized food pass into the bloodstream, which distributes throughout the body, which eventually causes all kinds of pathologies.

Conventional medicine only recognizes the existence of gallstones, not the liver. This is due to gallstones, not being calcified as gallbladder (base are lipids, mainly cholesterol), often have the same density as our tissues, so they are not visible on ultrasound, MRI or lightning X.

The liver flush the gallstones (cholelithiasis, gallstones or gallbladder stones).

**CLEANING THE COLON (enema)**

What is an enema?

The enema is known as the easiest method and one of the natural ways to cleanse the colon. It’s a simple remedy that helps wash the colon and solve their problems. Is a procedure in which a liquid is placed in the rectum and colon via the anus, to remove toxins. The liquid treatment is to cleanse the bowel, induce a better functioning of the intestine and provide therapeutic benefits. Enema each treatment is different and provides a unique solution depending on the level of the problem. The use of various enemas can help cure many diseases.
**Types of treatment enema:**

Coffee enema, garlic, water, chamomile, Epsom salts, and many more, your treating doctor shall choose, proper enema for your particular case.

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DOI: http://dx.doi.org/10.1016/S0168-8227 (00)82046-X

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Published in issue: September, 2000

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