

AMERICAN BIOLOGICS

12th International Symposium

“INTEGRATIVE MEDICINE 2000”

Encompassing the fields of Immunological Orthomolecular,
Environmental, & Anti-Aging medicine.

June 22, 23, 24, 25 .Lisbon - Portugal

**“BREAST CANCER MANAGEMENT: USING THE CANCER
MALIGNANCY CORRECTIVE SYSTEM”**

Professor Serge Jurasunas

A.B. CONFERENCE

Today breast cancer (1) is for women a depressive disease, often demanding mutilation (2) followed by aggressive treatments. Sometimes death comes after a long painful period of illness, of hope, relapse and depression, which is unacceptable (3). For the ones who read Cassandra Michaels story in T.L.D.P. - May 1998, nr. 178, "Breast Cancer: A Disease out of control" the story may sound terrible, but it sounds terribly familiar to me.

Therefore breast cancer needs not to be treated with blindness but cured. Therefore it is obvious that breast cancer requires an alternative approach to the historically treatment options which are surgery, chemotherapy and radiation.

Recent interest in nutritional supplementation and antioxidants (4) as adjunctive therapies has generated new possibilities in the treatment of cancer.

Vitamins A, C, E, beta-carotene, selenium, SOD, linoleic acid are associated with the disease of cancer, while dietary change and nutritional supplements can influence the disease.

"Diet as risk and therapy for cancer"

Clifford Kramer

Medical Clinic of North America 77(4)731-1193

Chajas Vetal , "alpha-tocopherol and hydroperoxide content in breast adipose from patients with breast tumours",. Int. J. Cancer 67 (2) 170 -5 .17 july 1996

Lab of tumours biology. Faculty of Medicine-Tours-France.

However since I have been involved with cancer for over 30 years and treated a considerable number of patients with breast cancer including advanced cases, I have reflected deeply on how to treat this disease.

"Onhomolecular Medicine" Serge Jurasunas Townsend Letters for Doctors and Patients nr. 187/188, 1999

And as Dr. Atkins points out *"diagnosed cancer patient with advanced stage benefit more from nutrition and other biologic treatment than from chemotherapy"*.

Although expression of P53 protein seem related with the overall survival times in breast cancer and that P53 may be a prognostic factor for breast cancer, some data suggests that tumours that over-express P53 are more likely to recur and to be fatal, strong evidence suggests that conventional tumour treatment by chemo/radiation severely deteriorates the host defence and, thus, restricts therapy and favours tumour growth.

Oxygen Multistep Therapy - . physiological and technical foundations - page 338-339, . Manfred Van Ardenne (1990).

Surgery negative effects on the psyche, side effects of anaesthesia, lower O2 status, toxic tissue degradation . local invasion of anaerobic bacterias (mastectomy);

Radiation lower O2 status, degradation of tissues, inflammatory process tissues damage;

Chemotherapy lower O2 status, negative effects on the psychic, increased lipid peroxidation, lower redox, decreased antioxidants, damaged RBC'S, bacterial invasion, circulation tissue degradation, lower immune function.

Experience definitively showed me that there is a better way to treat breast cancer and prevent tumour relapse, which is up to me significant way to lower death rate.

The local disease

In breast cancer () the localization and the size of the tumour is important as it influences the course of the disease with the number of infected nodes.

About 1/3 of the breast cancer patients have metastases to lymph nodes at the first diagnosis that colonize to lung, liver, brain, etc.

It is believed that in 40% of the cases, the tumour is aggressive at the first diagnosis and involve ganglion metastasis -surgery is responsible for 70% of metastasis risk () and 40-60% of the patients develop metastasis during breast cancer treatment (Goldstein L.J. - 1995 "current problem in cancer", 16, 69, 123), while some tumours may even grow faster during radiotherapy such for lung and breast

(scheme .survival rate %)

Ordinary yeast cells exposed to DNA -damaging X-rays die only after high radiation doses. But if one of its checkpoint genes is mutated, the yeast becomes more sensitive to radiation. If two or more checkpoint genes mutate at the same time, the cells become hypersensitive to radiation. Even low doses kill them.

An eight-kilorad dose leaves many healthy yeast cells alive but virtually wipe out those that can not properly check their DNA repair mechanisms.

Cancer: a whole disease

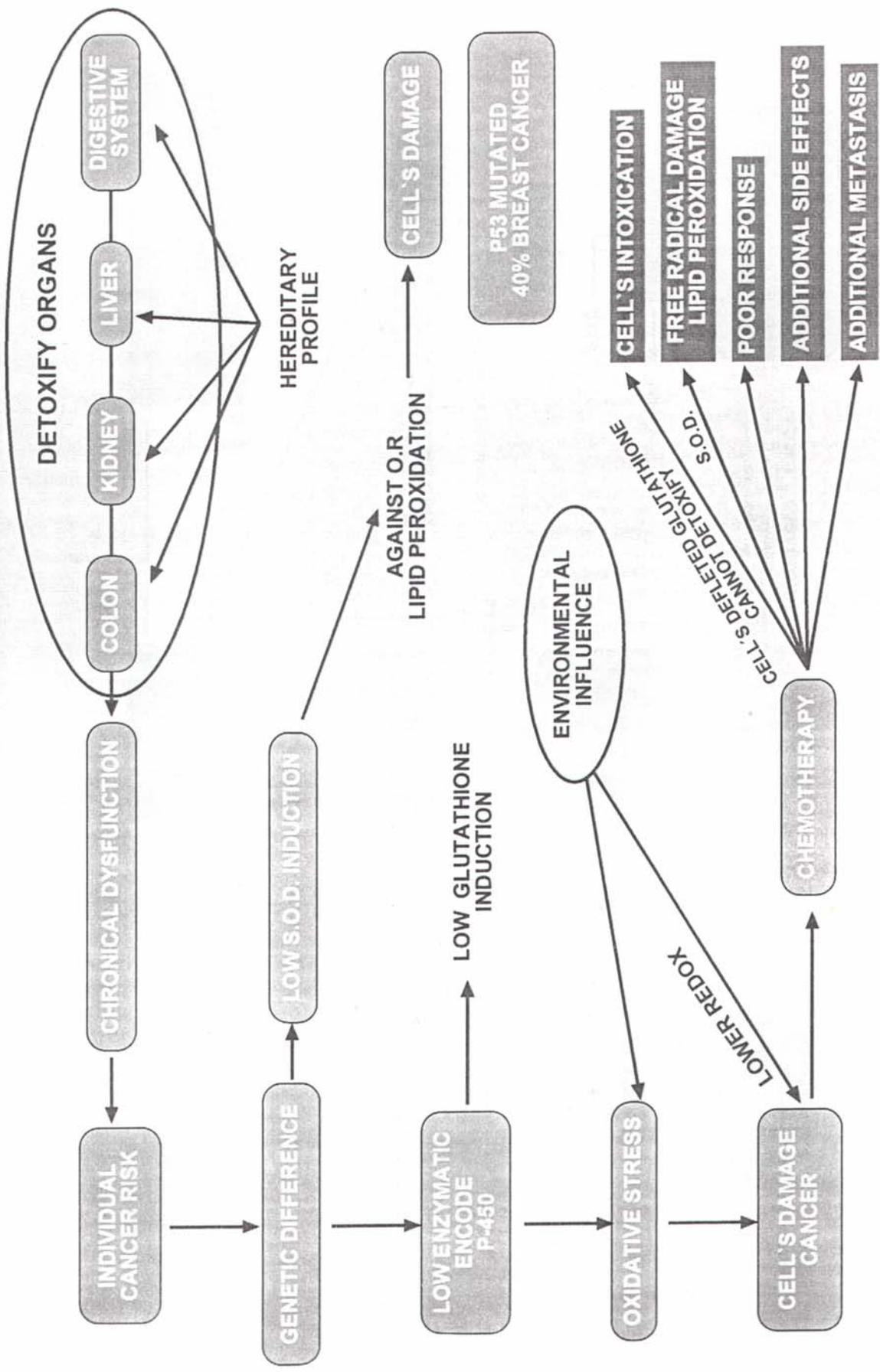
Genetic therapy is promising as we enter a new century and some avenue are most promising, such as the P53 and apoptosis pathways, but we still have to learn more about the body and we can not forget the total body-concept. Nutritional support is one important factor of the total body concept while some anticancer drugs are efficient in laboratory tests, they may be inefficient to patients because of various resisting factors.

There is strong evidence, according to my experience and observation, that cancer can not appear in a healthy body - therefore, cancer is a multi-factorial disease which involves at the beginning, except in limited cases, a number of chronic degenerative dysfunctions which need to be corrected. (8)

My own personal observation over the past 3 decades rely on several diagnosis, particularly iris observation, as one of the most interesting methods to screen patient health conditions including family history, physical and psychological (9)

There is a major dysfunction of the nerve condition, which may influence tumour growth. Constipation with high toxins, putrefaction and anaerobic bacterial growing is much linked with breast cancer, as I have shown in my research, clinical cases and publications. It remains one important factor to correct through strong detoxification process, and may strong influence the course of the disease.

INDIVIDUAL GENETIC BACKGROUND



Similar research with genetic (Environmental Medical Laboratory in Munich, Germany) involving data from more than 1500 patients, displaying toxic symptoms in 80% of those cases from a weak detoxification system with insufficient kidney and liver functions and irregularities in their digestive system. Those patients have demonstrated genetic vulnerability because certain genetic difference in specific genes, responsible for detoxification, they have proven to be risky persons for colon-bladder or breast cancer.

Therefore it makes a confirmation to my own iridology research and prove that these patients may suffer, during chemotherapy, additional side effects and additional metastasis ().

Therefore they need specific care for protection and detoxification, which may be the answer to increase percentage of cure and length of survival.

Cancer malignancies corrective system

My personal approach to cancer developed over these past years include detoxification, biological regeneration, nutritional support, increasing redox system and cellular respiration, as key factor to cancer together with new avenue, focusing cellular differentiation and apoptosis pathways.

My new protocol includes some new form of compound having SOD like activity, such as the Japanese Stone SGES (Super Growth Emitting Stone) and a low molecular SOD - both products proved to be remarkable in the treatment of breast cancer.

For almost twenty years SOD attracted the attention of researchers and many investigators, laboratory tests and experimental tests on animals, show that SOD can alter the course of malignant differentiation, and that indeed loss of MnSOD activity has profound implications for the malignant transformation process.

New line of research defends that MnSOD and antioxidant stress may play a significant role in breast cancer risk.

(American Association for Cancer Research, 1999#4076 - "MnSOD, genetic polymorphisms, dietary antioxidants and risk of breast cancer").

Treating the total-person condition and restoring the chronic degeneration dysfunction.

Live-yeast oxygen cells as the bedrock of my method (Zell-Oxygen)

An innovative protocol uses a live yeast oxygen cell preparation for nutritional support, detoxification, cellular respiration increase and tumour virulence lowering.

“Orthomolecular treatment of cancer by Serge Jurasunas” - Townsend Letters for Doctors & Patients, pag. 102 -108, nr. 187/188, 1999.

Nobel Prize winner Prof Otto Warburg,

“An intact and functional cell respiration does not permit any severe metabolic disease to develop.”

The nutrients contained in the live yeast cells, similar to human cells, are an identical replication of the various biological substances of the human body, including nuclear acids and nucleus substances. The same as human cells they contain mitochondria with billions of enzymes.

The tiny fragile walled oxygen enzymes reach the small intestine, open quickly and transmit billions of vital enzymes for fast absorption and initiates revitalization process.

Professor Vogel: Physiological Institute of the University of Cologne.

Glutathion appears in high concentration as an important redox system with also coenzyme Q10 in a natural quickly absorbable form, which may be effective in breast cancer - Q10 is one of the most important enzymes in the E.T.C and according to B. Aims a very powerful antioxidant.

More recently, random tests have proven that coenzyme Q10 in 390mg doses, inhibit tumours with partial or complete regression in breast cancer.

Lockwood 1975 - Austin 1997.

Live yeast cells preparation: promotes quick detoxification of the body, decreases blood viscosity, destroys blood clots by fibrinolysis, decreases platelets aggregation, destructs pathogenic germs, increases O₂ status and thus immune stimulation, and promotes biological regeneration (cell walls of yeast cells contain polysaccharides as the prime immune-stimulating factor - 40% mannan - 30% glucan).

Successful biological control of cancer - P.G. Seeger - S. Wolz.

First printed in Germany 1990 - 1991 and in 1977.

English version with additional pages with my experience and results in cancer treatment.

Live yeast cells through detoxification are improving the micro-circulation and thus making cancer cells able to adhere the walls of blood vessels.

They promote detoxification of the lymphatic system and therefore the surrounding tissue of the breast.

They act on the GUT system for stimulation of friendly bacterias.

Live yeast cells provide the necessary substances, various coenzymes, redox substances (coenzyme A, citric acid, fumaric acid) ubiquinone, cytochrome enzymes, selected B-complex, magnesium for cells respiration, and thus the normal function of mitochondria and tumour virulence decrease (aggressiveness).

O. Warburg - P. Seeger

(Robert Koch Institute 1957 Berlin)

Professor Antony Linnone - Monach Center for Molecular Biology and Medicine -Victoria - Australia.

Malnutrition among cancer patients

Live yeast cells are the best nutritional adjuvant as support to malnutrition, specially during conventional therapy. Live yeast cells provide to the body vital substances (14 vitamins, 17 minerals, 10 amino-acids), which can influence the course of the disease by improving chemotherapeutic agents and immune responses.

Adjuvant nutrition in cancer using live yeast cells.

Serge Jurasunas - World Congress of High Technology Medicine - Switzerland 1997.

Administration of Live yeast cells preparation

(Zell-Oxygen made in Germany)

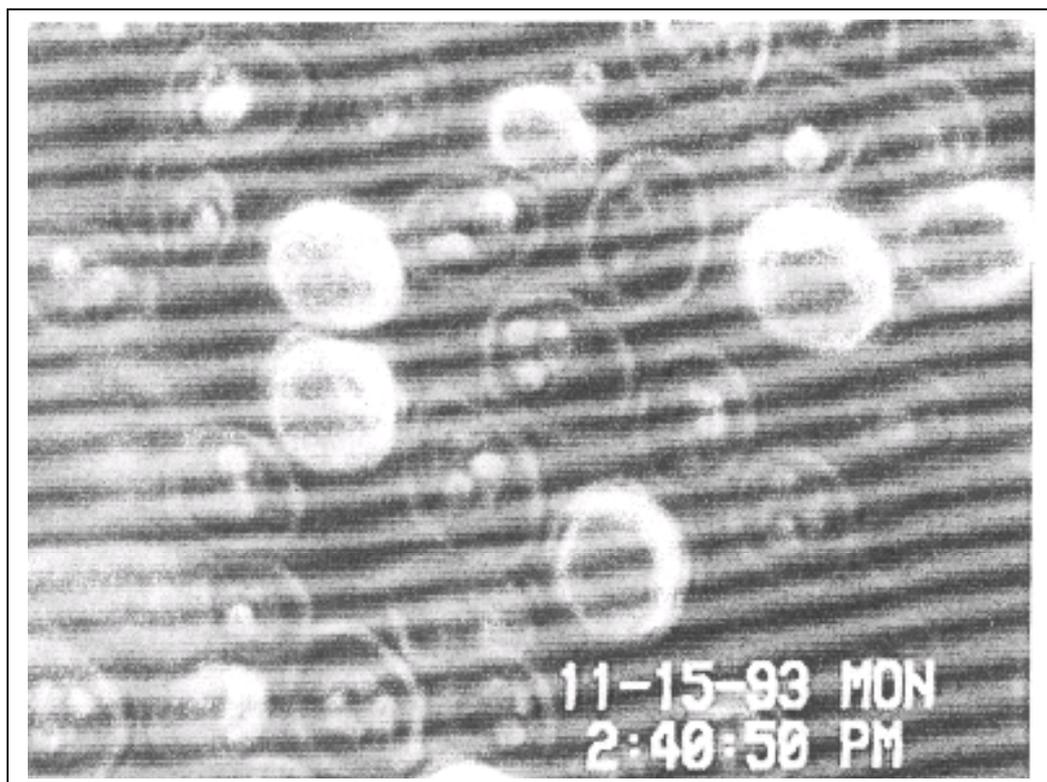
YEAST CELLS OF ZELL-OXYGEN PREPARATION

(Photo by Natiris 12000x)

The fresh yeast cells are very rich in micro-nutrients, enzymes of detoxification protection and of cells respiration.

They are necessary for all the metabolic processes, development of the intestinal flora and regeneration of the respiratory system.

This is why Zell-Oxygen is so important in the prevention of cancer.



Liquid form

From 10 to 20 ml, 3 to 4 times per day diluted in one cup of mixed raw vegetables juice, including beetroot to increase the cellular respiration.

It can also be mixed with buttermilk and 2 tablespoons of liquid chlorophyll.

Best time:

1/ before breakfast

2/ after lunch

3/ in the afternoon

4/ before retiring

SGES - Far-infrared ray emitting stone

This stone, as I explained last year at the *11th International Symposium of Integrative Medicine - A.B* - Vienna, 1999, is emitting a far-infrared ray of 4-14 microns wavelength called also the “growth ray”. It activates healthy cells but at the same time deactivates tumour cells. Experiences conducted with transplanted sarcoma 180 and B16 melanoma using mice (Dr. Y. Niwa) show that the proliferation of growth of tumour is inhibited. Therefore, strong evidence conducted to apply the same process in humans and repeated experiences with breast cancer patients show me that SGES is strongly inhibiting breast tumour and can reduce its size.

SGES shows through several tests its strong capacity to inhibit the production of lipid peroxides, therefore has influence antioxidant function like SOS.

- Anti-inflammatory effect like SOD
- Reduces the production of oxidize lipids
- Protection against radiation and chemotherapy.

The originality of the therapy

- 1 - acting to inhibit and reduce tumour growth;
- 2 - inhibition of lipid peroxidation, thus protecting against damage from oxygen radical during radiation therapy.

Administration

A Oral administration (stone ground into fine powder)
tablets form - up to 3g daily.

B The stone is processed into small ceramic balls that are used for bathing. Those balls are heated at an high temperature (40°) and put in a bath-tub where the patient gets in. The temperature can generate much stronger energy from the far-infrared emitting substance and thus make the blood flow very active within 5 minutes and increase energy level. The ceramic sand bath (CSB) produces detoxification, elimination of lipid peroxides, increased energy level and inhibits tumour growth.

A concentrated powder form is also available for regular water bath at temperatures of 36°-40°, using 40-50g of the mixture and that can be used more often by doctors or patients (ESB), while the CSB requires special tub and space in a specialized clinic or spa.

Therapeutic action: detoxification, elimination of heavy metals, lipid peroxide. It Increases blood stream and energy level, and inhibits tumour growth.

The first bath with an SOD like activity called Energy Sand Bath - ESB

C Local application - The small ceramic balls are used for local application on tumours to inhibit or reduce their growths. This is a new method, having major interest to treat resisting tumours. It can also be applied with other tumours such as liver, colon, ovarian and sarcoma.

Experience has shown:

- SGES in oral tablets + CBA reduce the size of breast or other tumours up to 4 cm in two months time.
- SGES in oral tablets + ESB, 4 times weekly, inhibits tumour growth and the spread of other cancers (ovary, colon).
- Ceramic ball application (CBA) + ESB decreases or totally eliminates local pain and the use of morphine.

Example of SGES therapy in a breast tumour

Before surgery to reduce the tumour, during radiation when the tumour is still growing, or in inoperable tumours.

1 - SGES tablets (Goldstone 250mg tablets) - 3 g per day

2 ESB (40 minutes) 4 times weekly

3 - CBA - one per day (a cloth of ceramic balls).

(more information in the Townsend letters for doctors and Patients - June 2000)

Low molecular antioxidants SOD analogue

(From *"The healer is within us - natural SOD against cancer and degenerative diseases"*, Serge Jurasunas)

A new compound containing antioxidants from Japanese vegetables, Soya, wheat germ, green tea and seeds.

The polymer chain has been cut using special heating process (and brewed with a friendly fungus that releases large quantities of protease and amylase enzymes) to release and take advantage of the sensitive enzymes with a molecular weight under 5000 which are immediately absorbed by the body and driven to the target cells. Superoxide Dismutase shows efficacy in ameliorating side effects of radiation therapy, but for greater efficiency, some of the SOD used in treatment, should enter the cells.

(Petkan, A., Chelack, W.S., Kelly, Key. and Friesen H.G. "SOD and Radiosensitivity: implications for human mammary carcinomas in pathology of oxygen", Author A.P. Ed. Academic Press, New York, 1982. 223).

The compound (ANOXE[®]) shows strong SOD like activity, containing also vitamins A, C, E, beta-carotene, polyphenols, flavonoids, tannin, riboflavin, glutathion, catalase and SOD.

- The transformed ingredients show increased concentration of active antioxidants from the

raw ingredients.

- The transformed ingredients (ANOXE[®]) shows in control element for comparison using chemiluminescence and Chinese herbs, and the raw untreated ingredients a stronger capacity to prevent the generation of oxygen radicals in neutrophils.
- ANOXE[®] shows much stronger capacity to inhibit lipid peroxidation than other forms of antioxidants, while SOD and vitamin E itself is virtually ineffective.

Therefore it has remarkable protecting effect against oxidative stress, tissue damage from radiation and chemotherapy, (repeated experiences with HLB blood test before and after conventional therapy make no doubt about the strong protective effect of ANOXE[®], specially against side effects and show HLB stage 3 reversing to stage 0, while erythrocytes observation after chemotherapy, even in strong doses show no damage in their membranes.

Additionally SOD may be the link missing in cancer while nutrient derived antioxidant factors can alter the course of malignant differentiation.

Oberley L.W. T.D -Buetterer GR 1991

“Cell division in normal and transformed cells: the possible role of SOD and hydrogen peroxide”, med -Hyp. 7-21-48.

Sloga T.J. 1984 *“Potential for preventing cancer by chemical inhibition”*- Can. Bull. 36-61-64

Low intracellular SOD, particularly in the intra-mitochondrial respiratory enzymes assemblies generated superoxide which may damage its structure.

An electron microscopy study found mitochondrial abnormalities to be a consistent feature of tumour cell.

Oberley L.W., Oberley T.D. and Buettner G.R.

“Celli differentiation, aging and cancer. The possible role of superoxide and superoxide dismutase”.

Med. Hyp. 6-249, 1980

Since also SOD is very low in lung and breast cancer and even chemotherapy lower SOD

level, some researchers feel that the ideal therapy for cancer in this case is administering compounds which increase SOD activity. There is evidence that such compound do cause at least partial differentiation of tumour cells.

Oberley L.W., Buettner G.R., *“Role of superoxide dismutase in cancer: a review”*, cancer res, 39, 1141, 1979.

This way we could treat tumour cells by differentiation than rather than by killing.

Therefore repeated experiences over the past 3 years using this new compound show me that it has extraordinary properties to protect the body against the damaging effect of oxygen radical, lipid peroxidation, eliminate side effects of chemotherapy. The best results have been obtained with lung breast cancer and ovary cancer with complete recovery.

The therapeutic effects of radiotherapy may possible be enhanced by vitamin C, E, selenium, while glutamine SOD may mitigate its damage to healthy cells.

“Diet as risk and therapy for cancer”,

Clifford, Kramer

Medical Clinic of North America, 77(4) –731, 1993

Administration of vitamin C, E with selenium prior to radiation, markedly reduces rates of malignant cellular transformation.

Carmina Borek

Scientific American, Aug 1997

Potential effects increase considerably when using together the two compounds SGES and the low molecular antioxidant ANOXE[®], not only in breast cancer but also ovarian, lung and brain cancer with success of 100% remission.

Administration

sachets of 3 g. powder ingredient

from 18 to 24 g. per day

3g sachets 6 times per day diluted in water - 18g

3g sachets 8 times per day diluted in water - 24g



Low molecular antioxidants / SOD compound

Anoxe

Anti-cancer agent with proven anti-cancer effects in experimentation..

Some very interesting experiments have been done by Dr. Niwa to see how the Anoxe (SOD compound) has effect over cancer patients or over cancer cells.

In one of these experiments, cancer cells were put in a test tube and then **Anoxe** was added directly into the tube. As a first observation, any evidence or effect was shown and there was no change in the number of cancer cells.

However, insisting in new experiments, another test was performed. This time, with some healthy persons and some cancer patients, to whom in a first stage were administered the **Anoxe** orally for three months. Then it took place the removal of the lymphocytes, called killer T cells or NK cells, which are known for attacking cancer cells. These lymphocytes were removed not only from the healthy persons, but also from those cancer patients who showed to be affected by the **Anoxe** and from those cancer patients who were not affected by the product. These lymphocytes were placed into three different test tubes, to which were added cancer cells, previously wrapped with a radioactive 51Cr, and together with the product **Anoxe** (as shown in the table).

This experiment suddenly resulted in a strong enhancement of the killer T cells activity, attacking those cancer cells wrapped with the 51Cr, which was noticeably removed from the surface of these cells. This is a method called as a NK activity test, used for investigating if any anti-cancer agent is really effective or not. This way it is possible accurately measure the amounts of 51Cr, which were released from cancer cells. This means that by measuring the amounts of the removed 51Cr, the strength of the killer T cell activity can be assessed.

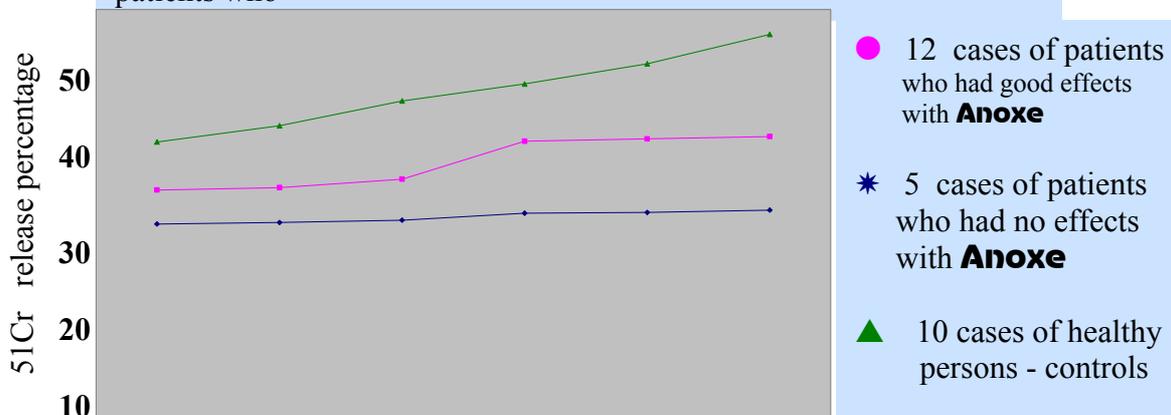
As the graphic results express, this experiment showed that the **Anoxe** used alone cannot provoke any effect over cancer cells, but **Anoxe** along with killer T cells can provoke a strong effect, with these NK cells attacking strongly over the cancer cells. In conclusion, it was proved that the **Anoxe** is a strong enhancer of killer T cells activity and that the **Anoxe** can work as an excellent anti-cancer agent.

Table

Patients	Killer T Cells' activity	
	Before administration of Anoxe	3 months of administration of Anoxe
*Patients having good effects with Anoxe	28.2 ± 10,5 (%)	52.8 ± 10.5 (%)
**Patients having no effects with Anoxe (5)	24.1 ± 6.0	34.5 ± 8.2
Healthy persons control (10)	34.3 ± 6.5	64.5 ± 12.2

***Anoxe** effective patients: Patients who had metastasis but survived longer than 3 years with the oral administration of **Anoxe**.
 ****Anoxe** non-effective patients: Patients who had metastasis and died in one year even though they were orally administered with **Anoxe**

Graphic: Effects of **Anoxe** over killer T cells of breast cancer patients who



Other useful preparations

Inflazyme (American Biologics)

A mixture of proteolytic enzyme and antioxidants: pancreatin, bromelain, papain, typsin, chymotrypsin, lipase and antioxidants such as SOD, catalase and L-cysteine, to use in various directions: decrease inflammation, help digestive process, decrease blood clot formation, fight the tumour: reduce the sickness of cells and change the coating on cancer cells.

Administration:

Digestion: 4 tablets after each meal

To fight cancer: 10 tablets one hour before breakfast and 10 tablets before going to bed.

Dioxylore (American Biologics)

An oxidant formula: I use Dioxylore virtually in every single cancer case to kill microbial and fungal invasion as can be observed using LBA. After one month using 15-30 drops three or four times per day, the blood is usually clean of bacteria and fungi.

Snake-venom (Horvi 33-300)

Snake Venom is most efficient in breast cancer and I have used it for about two decades.

It contains protein called contartrastine which inhibits tissue adhesion and invasion from tumour cells as well as angiogenesis.

In animal experiments it shows reduction of 70% of local growth and 90% of lung metastasis. (Professor Francis Markland, USA)

Administration

Injection of 2cc i.m. and/or s.c. directly around the tumour as we practice in our Institute.

The snake venom ampoule can be mixed with other substances to increase efficiency, 3-4 times weekly.

Dionaea Muscipula

Contains plumbagin and hydroplumbagin -4-O-B-glucoside with immunomodulating, anti-tumour, anti-microbial, anti-virus actions.

Dionaea Muscipula (Carnivora) block nearly all the so-called proteinkinases of the tumour cells which means that it is able to deprive the tumour from the protein synthesis which it need to stay alive.

One of the molecular mechanisms that participates in tumour growth and in which proteinkinases also play a certain part is the tumour angiogenesis.

The rapid growth of solid tumours is only possible if clones of tumour cells are attached to the vessels; for this purpose tumours send out messenger substances which stimulate the proliferation and migration of the endothelial cells of the vessels in its surrounding. This process results in the production of new vessels.

Carnivora inhibits tumour growth by blocking proteinkinases, inhibiting angiogenesis, and by stimulating immune response.

(Institute for Molecular Medicine and Tumour Biology -Freiburg/Germany)

By the time a breast cancer can be seen on a mammography the tumour has already undergone vascularization, and angiogenesis in breast cancer correlate with tumour aggressiveness. Therefore, as I explained before, biological products such as live yeast cells (Zell-Oxygen) can reduce the aggressiveness of the tumour, while SGES inhibits its growth and Dionaea Muscipula, (Carnivora) by blocking the proteinkinases, acts as an anti-angiogenic drug contributing to reduce the tumour size.

Administration: Dionaea Muscipula can be used in several applications:

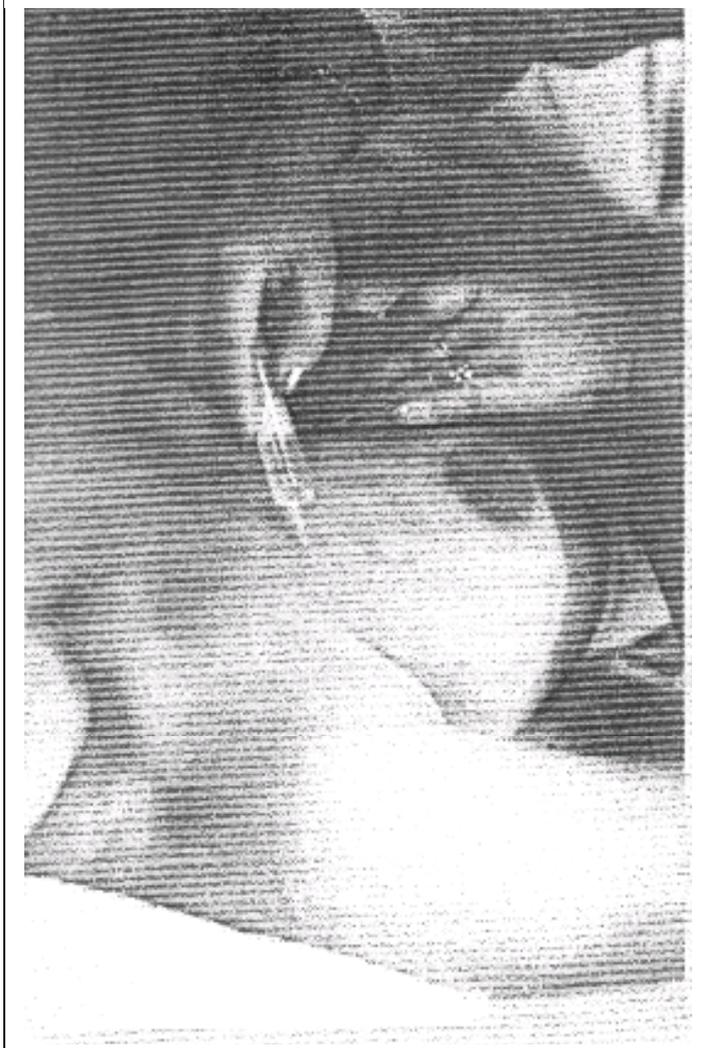
A - injectable -i.m. - 2/3 times weekly

B - injectable - s.c local



Points to inject in treatment of breast carcinoma

Serge Jurasunas
Therapy



LOCAL TREATMENT

S.C. INJ.

- **Organic germanium;**
- **Glutathion;**
- **Vitamin C;**
- **Glyoxal;**
- **Echinacea;**
- **Essential oils mixture;**

- **Dionaea muscipula.**

C - inhalation - mix 2ml of the oral formulation with 2ml 0.9% NaCl and inhale by means of cold vaporizer up to 5 times daily.

Dandelion roots

In Europe dandelion is used to stimulate liver function but it also has properties to detoxify the lymphatic system (according to Ayurvedic medicine), the breast and lymphatic tissues surrounding the breast. These qualities give dandelion the reputation of being useful to suppress swollen breast lymph glands (The yoga of herbs- David Frawley - Vasant Lad - Lotus 1986).

In vitro research shows that dandelion has an action against tumour (Yakugaku Zasshi, 1981) in T.C.M. dandelion has been used for at least 1000 years in treating breast cancer.

Administration:

1 tablet of 1000g 3 times daily after each meal.

Nucleic Acid (exogenous nucleotides)

Japanese researchers are focusing the effect on inhibiting proliferation of cancer cells by exogenous nucleotides through the P53 pathways. In 20 year's study (the induction of apoptosis by exogenous nucleotides - Masaji Matsunaga), there have been many reports suggesting that "exogenous nucleotides have an effect to inhibit proliferation of cancer cells" or "exogenous nucleotides have reduced side effects of anti-metabolic drugs".

Reports show that 5-Fluorouracil (5-Fu) was enhanced, the function of marrow was recovered and leukocyte and thrombocyte were hardly reduced when dosed 3g/day of DNA extracted from Salmon's albino (including the 4 kinds of nucleotides at the same volume) to a patient who has been dosed 300mg of 5-Fu daily.

(Morishige F. et al., Second Int. Symposium on modulation and mediation of cancer by vitamins and micronutrients. Fe. 13-15, Tucson -USA, 1985).

A number of researchers show that exogenous nucleotides (nucleic acids) have the effect to recover the damages of normal cells by anti-cancer drugs but without promoting the proliferation of cancer cells. Furthermore exogenous nucleotides have an inhibiting effect on proliferation of cancer cells through the P53 pathways and apoptosis.

It is also clear that exogenous nucleotides play a pivotal role in the nutrition of the patients and to protect the small intestine epithelium from damage of chemotherapy. Patients under high chemotherapy may develop severe intestinal damage, and failure of immunity by poor food absorption, including ingestion of nucleic acids. Therefore, exogenous nucleotides should be one of the first nutritional supports.

We are using the product Nucleosan made from Salmon's albino, including the 4 kinds of nucleotides at the same volume (A.G.T.C.).

Nucleosan is included in our cancer protocol.

With excellent results to reduce side effects and inhibit cancer cells, it shows also significant nutritional support and at the same time increases brain vitality, since RNA stimulates brain neurons.

Administration: in oral form.

Nucleosan: 3g per day

It is clear to me that the combination of all the biological products mentioned in my protocol is fighting the tumour and the total-body disease through various directions:

1. apoptosis pathway
2. angiogenesis
3. immune stimulation

At the same time enhance the chemotherapy/radiation treatment and reduce its frequency by eliminating metastasis risk and clinical relapse.

Case of breast cancer treated in our Institute

It was a serious case since the tumour spread at distance. The patient refused surgery and over delayed the possibility of removing the tumour. She also refused chemotherapy; so we treated her with our protocol which included local s.c. injection mixed with other enzymes (*Dionaea muscipula*). After one year of treatment her case improved considerably (as the photo shows). Inflammation was cleared and the tumour disappeared. She can do her normal life with nutritional routine support.



Photo 1



Photo 2



Photo 3

H.L.B. BLOOD TEST

TYPICAL BREAST CANCER – STAGE 4

The mammary area is located in the area 10-20.

Large ROS masses developed show strong free radical activity and low antioxidants.

Metastasis to liver, bones and lung.

