

CANCER IS A FUNGUS

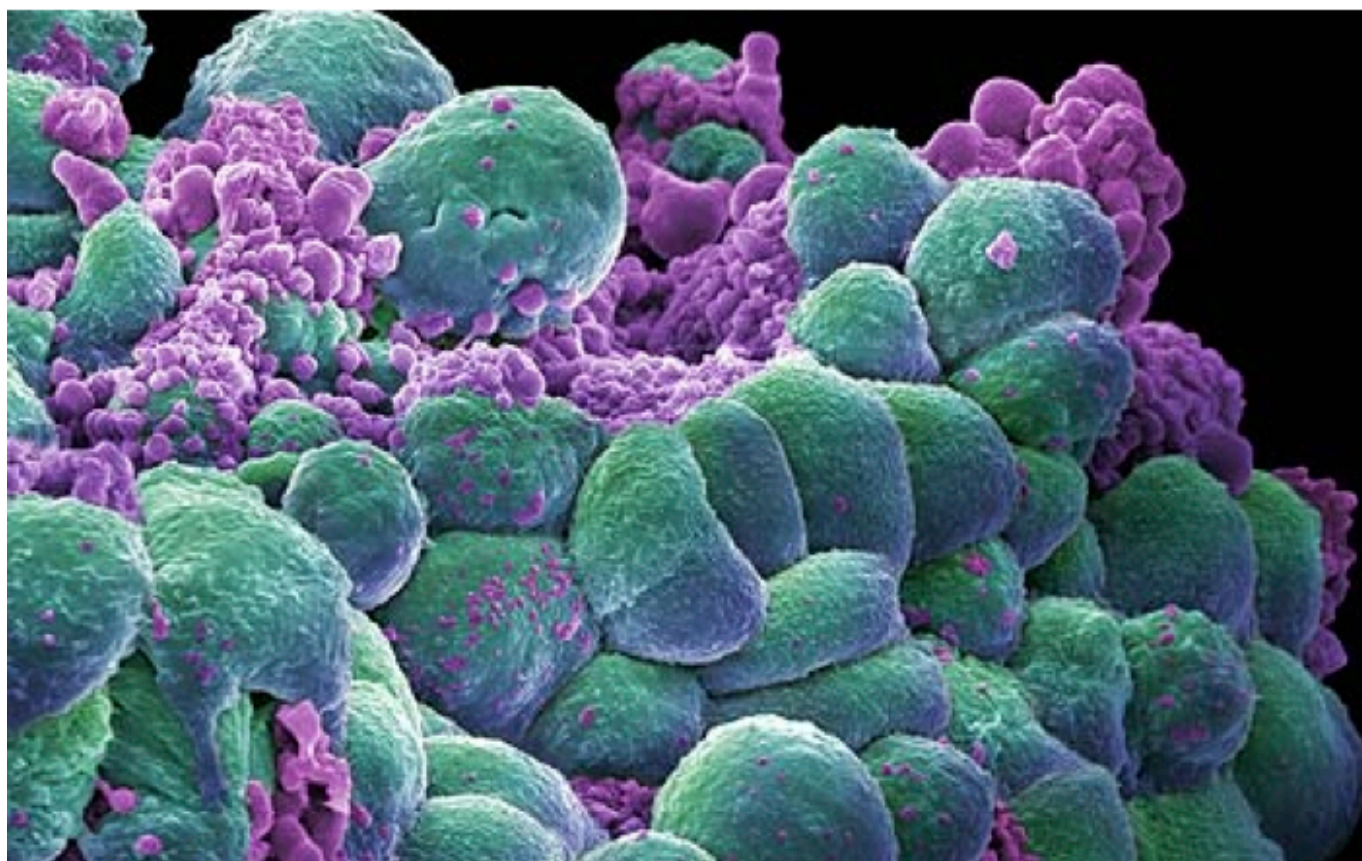


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Books: *Sodium Bicarbonate: Rich Man's Poor Man's Cancer Treatment* by Dr. Mark Sircus
Cancer is a Fungus by Dr. Tullio Simoncini,
<http://www.cancerisafungus.com/>
Rainbow Green Live Food Cuisine by Dr. Gabriel Cousens, MD
Sick and Tired by Robert O. Young
Toxemia Explained by Dr. John H. Tilden

Articles:

Websites: <http://www.curenaturalcancro.com/>
<http://www.cancerisafungus.com>

Audio/Video : **Cancer : The Forbidden Cures**

Publications:

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People: Dr. Tullio Simoncini
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Integral Nutrition: **Sodium Bicarbonate**
Low-Glycemic, High-Green Plant-Based Diet for Healing
Nascent Iodine
Magnesium Chloride Oil and Flakes (See Dr. Mark Sircus)
THC Oil (Medical Marijuana)
ALA (Alpha Lipoic Acid)
Natural Vitamin C
Selenium
Probiotics and Cultured Vegetables (Sauerkraut)
Chlorella and Spirulina
Glutathione
Pure Water
Clay
Sunlight for natural vitamin D supplementation
Infrared Saunas

Conventional:

Treat Cancer with Surgery, Radiation, Chemotherapy only.

Terms:

THE SEVEN STAGES OF DISEASE: STAGE 7: FUNGATION

Source: Natural Hygeine and Dr. John Tilden, MD

Stage Seven: Fungation (Cancer)

The living organism, living with an ever increasing amount of toxemia, has expressed its internal discomfort with irritation, inflammation, ulceration and induration. The final stage of the expression of its discomfort is **FUNGATION, more commonly known as CANCER.**

The cells of the body form a collective consciousness. Each cell performs its function according to the needs of its group which then benefits the body as a whole. When subjected to conditions which prevent the cell from performing its duties in the normal manner, the cells can revert to less beneficial means to prolong and extend the cell's life.

When the internal conditions have deteriorated to the extent that normal aerobic, oxidative processes are no longer possible, the cells can revert to a more primordial means of surviving. The cells can carry on their life processes by anaerobic processes, the same processes that many bacteria use. When the cells have changed in form and function to this extent, this is when your oncologist will tell you that you have the big C...Cancer.

Cancer is then a normal consequence of toxemia. You have not been invaded by some foreign cancer cell. The cancer cells are you, they are your cells – they are a FUNGUS. The work of Noble Prize winner Warburg proves this conclusively. Warburg demonstrated that cancer cells, when slowly exposed to oxygen, converted to normal cells. These same cells, when deprived of oxygen, turned into cancer cells.

The body does make use of one other means to prolong the life of the whole organism. The body can form tumors. The tumors are walled off from the rest of the body by a membrane but fed to keep the cells alive. (The new cancer drugs are attacking this ability of the body.) The tumor is a toxic waste dump for the body. The body is so loaded with toxic waste that some of the tissues must be sacrificed for the good of the rest of the body. The tumors are initially non-cancerous. However, over time they will convert to anerobic cells or cancer cells. The deposition of toxic wastes into these sites is the only reason chemotherapy works as poorly as it does. The chemo drugs are terribly toxic to the body. The body routes them out as rapidly as it can. Since the tumors are toxic waste sites, they get the majority of the poisons, but not all of the poisons. (Modern medicine still does not know why chemo drugs work or why they may affect the tumors more so than the rest of the body.)

YEAST AND FUNGI INVADERS

Source: Dr. Mark Sircus, *Sodium Bicarbonate: Rich Man's Poor Man's Cancer Treatment*

My work is based on the conviction, supported by many years of observations, comparisons and experiences, that the necessary and sufficient cause of the tumor is to be sought in the vast world of the fungi, the most adaptable, aggressive and evolved micro-organisms known in nature.

Dr. Tullio Simoncini
Oncologist, Rome Italy

"The aggressive power of fungi is so great as to allow it, with only a cellular ring made up of three units, to tighten in its grip, capture and kill its prey in a short time notwithstanding the prey's desperate struggling. Fungus, which is the most powerful and the most organized micro-organism known, seems to be an extremely logical candidate as a cause of neoplastic proliferation," says Dr. Simoncini. That metastatic cancer cells eat their way through the protective barriers of an organ and march away from their proper organ and overrun other tissues and organs describes yeast and fungus invasion perfectly.

Fungi are dreadful enemies. During their life cycle fungi depend on other living beings, which must be exploited to different degrees for their feeding. Fungi can develop from the hyphas that are more or less beak-shaped specialized structures that allow the penetration of the host. The shape of the fungus is never defined, for it is imposed by the environment in which the fungus develops. Fungi are capable of implementing an infinite number of modifications to their own metabolism in order to overcome the defense mechanism of the host. These modifications are implemented through plasmatic and biochemical actions as well as by a volumetric increase (hypertrophy) and numerical hyperplasy of the cells that have been attacked.

In 1999 Meinolf Karthaus, MD, watched three different children with leukemia suddenly go into remission upon receiving a triple antifungal drug cocktail for their "secondary" fungal infections.[1]

"Fungal infections not only can be extremely contagious, but they also go hand in hand with leukemia [2]-- every oncologist knows this. And these infections are devastating: once a child who has become a bone marrow transplant recipient gets a "secondary" fungal infection, his chances of living, despite all the antifungals in the world, are only 20%, at best," writes Dr. David Holland. Dr. Holland is talking about pharmaceutical antifungal agents, not about sodium bicarbonate. **Until the arrival of Dr. Tullio Simoncini sodium bicarbonate was not known or used for fungal infections in relation to cancer.**

Doug A. Kaufman writes, "The day I wrote this, a young lady phoned into my syndicated radio talk show. Her three-year-old daughter was diagnosed last year with leukemia. She believes antifungal drugs and natural immune system therapy has been responsible for saving her daughter's life. She is

now telling others with cancer about her daughter's case. After hearing her story, a friend of hers with bone cancer asked her doctor for a prescriptive antifungal drug. To her delight, this medication, meant to eradicate fungus, was also eradicating her cancer. She dared not share this with her physician, telling him only that the antifungal medication was for a "yeast" infection. **When she could no longer get the antifungal medication, the cancer immediately grew back.** Her physician contended that a few antifungal pills surely should have cured her yeast infection. It is my contention, however, that the reason this medication worked was because she did have a yeast infection not a vaginal infection for which this medication was prescribed; a fungal infection of the bone that may have been mimicking bone cancer."

"Many cancer patients find the true fungal link to their cancer only to succumb to heart disease or immune deficiency caused by traditional cancer treatment. If this case were an isolated event, it might be referred to as "coincidental." I have been able to plead with doctors of advanced cancer patients to at least try antifungal drugs for their patients. Afterwards, simply amazing reports have come forth. Several of these have been published in ***The Germ That Causes Cancer,***" continued Kaufman.

A medical textbook used to educate Johns Hopkins medical students in 1957, Clinical and Immunologic Aspects of Fungous Diseases, declared that
many fungal conditions look exactly like cancer!
Doug A. Kaufmann
The Germ That Causes Cancer

Cancer is a biologically-induced spore (fungus) transformation disease.
Dr. Milton W. White

The University of Michigan Cancer Center has proclaimed that current chemotherapy targets the "wrong" cells. The Ann Arbor researchers discovered that not all cells in a tumor are equally malignant. Only a tiny minority of tumor cells are actually capable of inducing new cancers; the rest are relatively harmless. "These tumor-inducing cells have many of the properties of stem cells," said Michael F. Clarke, MD, a professor of internal medicine, who directed the study. "They make copies of themselves - a process called self-renewal - and produce all the other kinds of cells in the original tumor."

According to the Mayo Clinic, cancer refers to any one of a large number of diseases characterized by the **development of abnormal cells that divide uncontrollably and have the ability to infiltrate and destroy normal body tissue.** This is a fact that does not depend on the various theories. The theorizing begins when we run down the usual path thinking that cancer begins with damage (mutations) in our DNA. Our DNA is like a set of instructions for our cells, telling them how to grow and divide. Normal cells often develop mutations in their DNA, but they have the ability to repair most of these mutations. Or, if they can't make the repairs, the cells frequently die. However, certain mutations aren't repaired, causing the cells to grow and become cancerous...or so the story goes. Looking at the above definition we would be perfectly correct to say that **yeasts and fungi are, in human terms, abnormal cells that divide uncontrollably and have the ability to infiltrate and destroy normal body tissue.**

A new cancer paradigm, one that is based on an understanding that cancer is ultimately caused by multiple interacting factors

is far superior to a paradigm based on dubious attributable fractions.

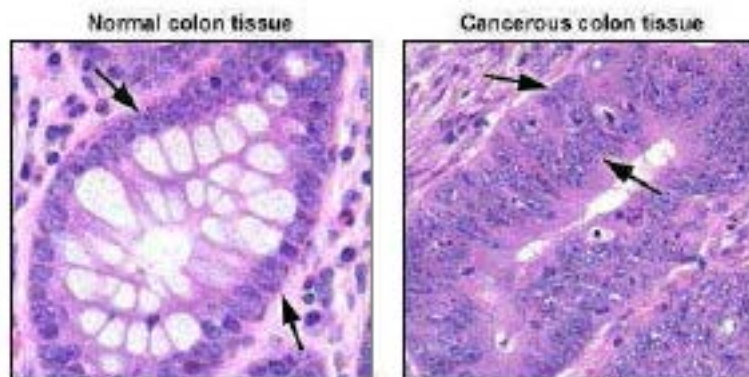
In understanding what cancer is we have to separate out the causes of cancer from the cancer itself. In the end we will come to see that cancer is a fungus, and not that cancer is caused by a fungus. What causes cancer and what causes yeast and fungi to colonize and threaten the body is diverse. Many things have been scientifically shown to cause cancer or to cause the conditions in which late state infections (cancer) invite yeast and fungi to form colonies that attach to sickly human cells.

*Because **cancer** cells continue to grow and divide, they are different from normal cells. Instead of dying, they outlive normal cells and continue to form new abnormal cells.*
*Because **yeast** cells continue to grow and divide, they are different from normal cells. Instead of dying, they outlive normal cells and continue to form new abnormal cells.*

Two basic theories of cancer have existed up to now: (1) the viral theory and, (2) the trophoblast theory. There is a recognition that cancer cells share some properties with placental cells found in pregnancy. The classic experiments of Warburg on the respiratory pattern of cancers of various species and tissue origins reveal a high uniformity from tumor to tumor. Yet what these cells actually are is in doubt.

The trophoblast theorists claim when you look at internal cell morphology, all cancer cells are exactly the same as trophoblast cells. Outwardly, cancer cells appear different because the trophoblast cell is reacting to different parts of the body in which it finds itself. 90% of a tumor, for example, is comprised of benign somatic cells that are responding to the 10% carcinogenic action of the trophoblast cells. Yes, this sounds like one is talking about yeasts and fungi invaders.

Normal, healthy cells in our body grow in a very orderly and well-controlled way, living for a set period of time and then dying on schedule. When a normal cell dies, our body replaces it with another normal cell. Cancer cells grow in an uncontrolled manner. One malignant cell becomes two, two becomes four, four becomes eight, and so on, until a mass of cells (a tumor) is created. Tumors remain small until they're able to attract their own blood supply. This allows them to obtain the oxygen and nutrients they need to grow larger. But again this does not in the least suggest what these cancer cells actually are - human cells on the rampage, or yeast and fungi staking out their ever increasing territory?



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The image of the normal colon tissue, at left, shows well-formed oval-shaped glands, evenly lined with a single, organized layer of cells indicated by arrows. The image of the cancerous colon tissue, in contrast, shows highly disorganized cancer cells stacked upon each other in an apparently random fashion. That is exactly what we would expect from fungi invaders as well as human cells running amok.

The predominant viral theory says that outside agents invade your body; or that somatic (good) cells mutate into cancer cells and that there exists an infinite number of different cancers. The trophoblast theory of cancer was postulated over a hundred years ago by Scottish embryologist John Beard, a professor at the University of Edinburgh. He and subsequent researchers say that, morphologically, there is only one type of cancer cell - the trophoblast cell. The trophoblast cell has a natural body function: it arises from the meiosis (cell division) of a woman's diploid totipotent cells after fertilization.

It really matters how we conceptualize cancer and the process that leads to its proliferation in the body. The theory that malignant cancers are false-placentas (trophoblast theory) was first formulated by Beard in 1902 when he observed that placenta cells resemble cancer cells. He also noted how malignant cancers act in the same way that placenta cells act in the mother's womb; they attach to the uterus and "eat" through it to obtain a blood supply. Beard also found other out-of-place trophoblast cells in great numbers throughout the body. These cells are placenta-like and do not differentiate into specific tissue, but lie dormant. Beard called these cells "germ" cells. They have properties similar to stem cells, and Beard believed that these cells are the seeds of cancer. Notice again how Beard and almost all medical scientists since assume these cells are human cells that seem to be placenta-like cells. None of this proves anything about what the cells actually are.

I remain stunned at the hesitancy of American physicians to try harmless antifungal approaches for anything but vaginal yeast.

Doug Kaufmann

Not a week goes by that we don't find yet another medical or societal reference to fungi causing human misery. In September 1999, Johns Hopkins medical researchers confirmed that virtually all chronic sinus infections were due to fungus. **Fungus makes poisonous byproducts called mycotoxins. Antibiotics are one class of mycotoxins.** The fact that mycotoxins can cause cancer is not up for grabs. Even the American Cancer Society admit: **"Mycotoxins are genotoxic carcinogens,** and exposure begins in utero and in mother's milk, continuing throughout life; these conditions favor the occurrence of disease." (Murphy, et al. American Cancer Society Textbook of Clinical Oncology, 2nd ed. 1995)

Both cancer cells and fungi can metabolize nutrients in the absence of oxygen (anaerobically) and both must have sugar in order to survive. Both can be impacted by antifungal medicines.[3]Both will die in the absence of sugar.[4]"Mycotoxins have proven to be very toxic and harmful, and it is no wonder that many inhabitants of mold-infested spaces are constantly ill, mainly with upper respiratory tract infections, lethargy, constant headaches, nausea, and a general ill feeling. Inhabiting these living spaces for a considerable period may lead to cancer."[5]

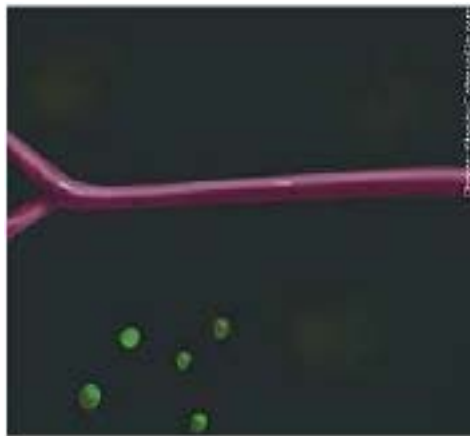
Cancer is defined as malignant tumors of disorderly cells that have the potential of nearly unlimited growth. These uncontrolled cells expand locally and/or metastasize (spread destructively) to other tissues and organs. Clearly this can define a yeast or fungus colony as well as normal cells losing

control of their own reproductive growth. One thing we do know about the genetic theory of human cancer cells is that it is impossible to treat. The war on cancer was lost because medical scientists were fighting the wrong enemy. They were battling against their assumptions that are in the end turning into conceptual phantoms. Doctors are assuming incorrectly. They are in denial that they could be so wrong, so blind, and so pigheaded when looking at other probabilities.

Everyone is in denial about something. For Freud, denial was a defense against external realities that threaten the ego. Many psychologists today would argue that it can be a protective defense in the face of unbearable news like a cancer diagnosis; or for the modern day oncologist to hear that cancer is really a fungus infection.

The idea that a proposed cancer germ could have more than one form is a threat to doctors and some microbiologists. Indeed the cancer germ has been described as having a virus like and fungus-like, as well as mycoplasma-like phase.

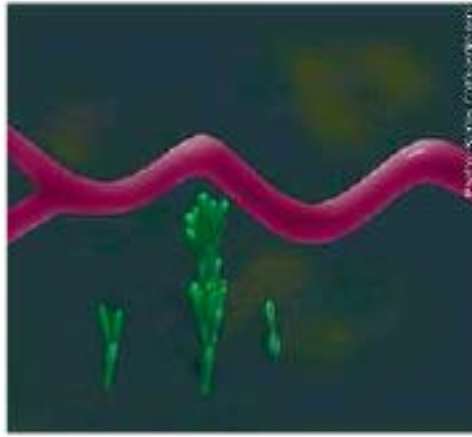
Dr. Alan Cantwell
The Cancer Microbe



Fungi are so aggressive as to attack not only plants, animal tissue, food supplies and other fungi, but even protozoa, amoebas and nematodes.

Here we see the beginning of the invasion. In this case the fungi/yeast being attracted to an artery but it can be attracted to any rotting or weakening tissues. As we will see in other chapters **this kind of infective invasion is not the exception but the rule when it comes to cancer.** It is absolutely ridiculous to even imagine cellular pathology without an infectious process. It just does not happen in nature or at least certainly not in human physiology. When there is rot there is invasion from hosts of pathogens - in increasingly evolved forms - as the infection persists.

Viruses, bacteria, fungus and yeast proliferate and evolve in compromised biological environments. Bacteria, primarily in the coccus-like form in microscopic tissue sections, have also been found in various forms of cancer.



When the conditions are right, viruses, bacteria and then yeast and fungi will develop their colonies and expand in number rapidly.

"Fungi show a great variety of reproductive manifestations (sexual, asexual, gemmation), these manifestations can often be observed simultaneously in the same mycete., and combined with a great morphostructural variety of organs. All of this is directed toward the end of spore formation, to which the continuity and propagation of the species is entrusted, continues Dr. Simoncini.

Cancer is one of the most malignant and misunderstood diseases of the past millennium. There is also reason to believe it is one of the most misdiagnosed maladies.

Doug A. Kaufmann

Dr. MJ Dvmanov, a professor of medical mycology says, "A disease caused by a fungal mold is called a mycosis. Often a fungal infection, a mycosis, abscess or a fibroid immune response to the presence of fungal mold is called a cancer. Two of my recent studies involved a 26 year old female with a large mold growth in her left lung that required surgical removal and a 65 year old male with a brain "cancer" that was later diagnosed as being 2 different fungal mold growths. Mold produces many toxins and exposure to some molds result in a cancer or unnatural cell growth both hyperplasia and metaplasia. I have investigated cases where initial diagnosis was cancer and later from biopsy and culture identified as a mold growth. Far more deaths are caused by a fungal mold than anyone would believe. Dr. Leyland H. Hartwell's Noble Prize in Medicine Lecture in 2001 introduced the fact that in culture cancer cells just like fungal mold, often described by histopathologists as undifferentiated carcinomas, are immortal just like fungal mold in that they continue to grow even outside the body, when normal human cells do not. If cancer cells are not human cells, then what are they, fungal mold?"

In looking at live blood, you can clearly "see" that there are forms that look like bacteria, micro-organisms and parasites that not only are in the blood, but that over time can grow and can change their shapes.



Fungi will also live almost anywhere. They have been found growing in the harshest of environments, in the desert and polar regions, in the sea and on rocks.

Candida albicans will shift from yeast form to mycelial fungal form and start to invade the body. In the yeast state, Candida is a non-invasive, sugar-fermenting organism, while in fungal state it is invasive and can produce rhizoids, very long root-like structures.

Fungi are serious enemies. "When the nutritional conditions are precarious, many fungi react with hyphal fusion (among nearby fungi) which allows them to explore the available material more easily, using more complete physiological processes. Fungi are capable of implementing an infinite number of modifications to their own metabolism in order to overcome the defense mechanism of the host," says Simoncini.

When fungi are fed the food they love they become more virulent. Their ability to penetrate and root into the intestinal walls, for example and invade the cells is increased. They not only attach themselves to human tissues but can actually invade the cells where they become quite at home. Thus they are not secondary but primary infections that have been helped along with runaway antibiotic usage, dental amalgam, flu vaccines laden with mercury, mineral deficiencies and by terrible modern diets infected with molds and yeasts as well as many potent poisons.



The shape of the fungus is never defined, for it is imposed by the environment in which the fungus develops.

"In some cases, the aggressive power of fungi is so great as to allow it, with only a cellular ring made up of three units, to tighten in its grip, capture and kill its prey in a short time notwithstanding the prey's desperate struggling. Fungus, which is the most powerful and the most organized microorganism known, seems to be an extremely logical candidate as a cause of neoplastic proliferation," Dr. Simoncini says, "Candida albicans clearly emerges as the sole candidate for tumoral proliferation. If we stop for a second and reflect on its characteristics, we can observe many analogies with neoplastic disease. The most evident are:

- 1) Ubiquitous attachment: no organ or tissue is spared
- 2) The constant absence of hyperpyrexia
- 3) Sporadic and indirect involvement of the differential tissues
- 4) Invasiveness that is almost exclusively of the focal type
- 5) Progressive debilitation
- 6) Refractivity to any type of treatment
- 7) Proliferation facilitated by multiplicity of indifferent cofounders."

"We therefore have to hypothesise that Candida, in the moment it is attacked by the immunological system of the host or by a conventional antimycotic treatment, does not react in the usual, predicted way, but defends itself by transforming itself into ever-smaller and non-differentiated elements that maintain their fecundity intact to the point of hiding their presence both to the host organism and to possible diagnostic investigations," says Simoncini.

Candida's behavior may be considered to be almost elastic: When favorable conditions exist, it thrives on an epithelium; as soon as the tissue reaction is engaged, it massively transforms itself into a form that is less productive but impervious to attack -- the spore. If then continuous sub-epithelial solutions take place, coupled with a greater reactivity in that very moment the spore gets deeper in the lower connective tissue in such an impervious state, it is irreversible. In fact, the Candida takes advantage of a structural interchangeability according to the difficulties required to overcome its biological niche.

Factors that predispose a patient to candidiasis are general health concerns embrace all conditions that affect the immune system, including systemic disease, endocrine abnormalities, diabetes, drugs such as immunosuppressive agents, systemic steroids, antibiotics, and oral contraceptives may increase the likelihood of development of candidiasis. Long term antibiotic treatment for acne or recurrent urinary tract infection is often implicated in the overgrowth of Candida. The candidiasis may become extensive if the patients are treated with antibiotics on the erroneous assumption that the infection is bacterial.

It is therefore urgent, on the basis of the above-mentioned considerations, to recognize the hazardous nature of such a pathogenic agent, which is capable of easily taking the most various biological configurations, both biochemical and structural, in function of the condition of the host organism. The fungal expansion gradient in fact becomes steeper as the tissue that is the host of the mycotic invasion becomes less eutrophic, and thus less reactive.

When fungal colonization and mycotoxin contamination is maximal one finds cancer growing and metastasizing at a maximal rate.

If the spine, for example, becomes infected with bacteria or fungi, inside or on the surface of vertebrae, then the entire torso region (region between neck and waist) may be extremely stiff and sore after being in bed for a while. A person may feel better after taking a hot shower and moving around, yet may remain sore during the day, especially during a deep breath.

*All of the medications proven to be effective in
the treatment of the mycotoxin-induced diseases
possess anti-fungal and/or anti-mycotoxic activity.
Dr. A.V. Costantini*

We can establish a unified theory that ties in the deterioration of cells, the changes in DNA, RNA, mitochondria, respiration, build up of toxicity and heavy metals, loss of cell wall permeability, increasing buildup of calcium, loss of energy, changes in energy metabolism and changes in pH to all of which creates serious deteriorations in cell health and ability to resist infection. Cancer is a big word and within its embrace is a host of factors. Fungi are big invaders that would put Atilla the Hun to shame running us as they do, so easily into our graves.

[1] www.vaccinetruth.org/is_cancer_contagious.htm

[2] Dr. David Holland wrote that in 1999 Dr. Meinolf Karthaus watched three different children with leukemia suddenly go into remission upon receiving a triple antifungal drug cocktail for their "secondary" fungal infections. Pre-dating that, Mark Bielski stated back in 1997 that leukemia, whether acute or chronic, is intimately associated with the yeast, *Candida albicans*. Dr. J. Walter Wilson, in his textbook of clinical mycology a half a century ago said that "it has been established that histoplasmosis and such reticuloendothelioses as leukemia, Hodgkin's disease, lymphosarcoma, and sarcoidosis are found to be coexistent much more frequently than is statistically justifiable on the basis of coincidence." Histoplasmosis is what we call an "endemic" fungal infection. The late Dr. Milton White believed that cancer is a "chronic, intracellular, infectious, biologically induced spore (fungus) transformation disease."

[3] Medical Tribune: Treatment of Fungal Infections Led to Leukemia Remission. Sept 29, 1999; Mann, D. Antifungal agent lowers PSA levels, study finds. May 1, 1997. Medical Tribune

[4] Moore-Landecker, Fundamentals of Fungi, 4th ed. 1996; AND Shim, H. , et al. A unique glucosedependent apoptotic pathway induced by c-Myc. Proceedings of the National Academy of Science. 95;1511-1516. 1998

[5] Ochmanski, W., et al. Przegl Lek 2000;57(7-8):419-23

CANCER AND FUNGUS: BEATING BACK LATE STAGE INFECTIONS WITH SODIUM BICARBONATE

Source: Dr. Mark Sircus, *Sodium Bicarbonate: Rich Man's Poor Man's Cancer Treatment*

*Over 90, 000 people a year die from
secondary infections in hospitals.
When fungal colonization and mycotoxin
contamination is maximal one finds cancer
growing and metastasizing at a maximal rate.*

Doctors in general are not very good at diagnosing fungal infections. This is because their medical school training is based so heavily on the role of bacteria and viruses in the area of infectious diseases. Fungi have been a forgotten foe ever since the advent of antibiotics. This is perhaps one of the biggest mistakes of allopathic medicine - for the overuse and or even occasional the use of antibiotics can lead directly to deadly fungus infections. Laboratories display the same difficulty in diagnosing fungal infections: current tests for detecting the presence of fungi are both terribly scant and sorely antiquated. This is a serious problem because **fungi are late stage infections that are provoking or are accompanying a range of life threatening diseases.**

If the spine, for example, becomes infected with bacteria or fungi inside or on the surface of vertebrae, then the entire torso region (region between neck and waist) may be extremely sore and stiff after being in bed for a while. A person may feel better after taking a hot shower and moving around, but may still be sore during the day - especially during a deep breath.

*All of the medications proven to be effective in
the treatment of the mycotoxin-induced diseases
possess anti-fungal and/or anti-mycotoxic activity.
Dr. A.V. Costantini*

The use of antimicrobial agents (e.g., antibiotics, antiseptics, antifungal) plays an important part in current medical therapy. This is particularly true in the fields of dermatology as well as skin and wound antisepsis. Effective treatments for skin or mucous membranes, which are afflicted with bacterial, fungal, viral infections, or viral lesions, frequently include the use of topical antimicrobial agents. Most antiviral compounds are unsuitable for topical treatment of these infections because they have limited ability to penetrate the skin. In truth, pharmaceuticals offer little that are effective for viral infections. In the case of AIDS the best the allopathic empire could come up with is to kill the patient with the most toxic drugs available before the virus does.

***Inflammation is the first sign and
symptom of infectious process.***

Topical compositions containing known antiviral compounds usually fail to relieve the symptoms such as pain, inflammation and/or itchiness often associated with dermal viral infections or skin lesions. Further, **they fail to prevent the secondary infection of these lesions by bacteria or fungi, leading to prolonged disease states.** Thus, there is still a need for more effective antimicrobial agents.

*People with weak immune systems (i.e., immunocompromised
or immune-suppressed individuals)
are more vulnerable to infections by molds.*

Dr. Simoncini makes the connection that fungal colonies and cancer colonies are the same colonies called by two different names. Interestingly in 1931, Dr. Otto Warburg was awarded the Nobel Prize in science for his discovery that cancer cells rapidly proliferated in the presence of fermented sugar. Now we can understand more fully the connection between cancer and fungal colonies. Ironically fungal cells also proliferate rapidly under the same conditions. **Fungi feed on sugar; cancer feeds on sugar!**

Interestingly, Dr. Simoncini hits the cancer or fungal colonies with sugar when he hits them with the bicarbonate. He does this partially because late stage cancer sufferers are dying because of glucose starvation and deprivation. He also does this because the fungi are also very hungry for that sugar. So hungry that they open their cell membranes wide to receive the sugar and in flows the increased alkalinity with the accompanying blast of oxygen because of the higher levels of bicarbonate in the blood.

Dr. Simoncini uses the lab procedures and protocols for using intravenous sodium bicarbonate (as approved by the FDA for cardiac infarctions) to treat most cancers. Being that the present day survival rate of 5 years in the US is less than 2 .% due to protocols the medical profession uses, Dr. Simoncini has a claimed 90% remission rate and some as long as 20 years should shatter some of modern medicine's fixed ideas about cancer. "If the fungus are sensible to the sodium bicarbonate solutions and the tumour is smaller than 3 cm, the percentage will be around the 90%. Terminal cases in which the patients are in reasonable good condition is 50%, and for terminal patients just a small percentage," reports Simoncini, whose treatments take approximately 30-45 days. Below is a note from Dr. Simoncini on his discovery.

"With the exception of the cancers caused by cut/cured/ fermented tobacco leaf, the cause of cancer is generally stated as being unknown. That statement is made invalid by the published research data collected and presented here. It documents that fungi and their mycotoxins cause virtually every type of human cancer in either animals or humans or in both," reports Dr. A.V. Costantini from the W.H.O.[1]

*There is a food connection to cancer but only
to its connection with contaminating fungi
and the mycotoxins which those fungi produce.
Dr. A.V. Costantini*

Antibiotics increase the risk of incident and fatal breast cancer or any type of cancer.[2] This finding is also explained by the fact that many if not most of our antibiotics are derived from fungi – they are fungal byproducts, or "myco"-toxins. Remember how we get penicillin from the *Penicillium* mold? Or how we get alcohol from brewer's yeast, or *Saccharomyces cerevisiae*? That's right, alcohol - linked to 50 different types of cancer (Costantini, *Fungalbionics Series*. 1998-99) - is a mycotoxin. That same book by Costantini tell us that 2 or more cumulative month's use of antibiotics in one's life increases the risk of lymphoma by 40%. "Certainly, physicians would not believe such a risk exists for penicillin, an antibiotic given to billions of humans. However, it is by definition a mycotoxin and mycotoxins do cause cancer." (Costantini, et al. 1998).

*Antibiotics are contributing to everything
from 2nd heart attacks to breast cancer.*

Both cancer cells and fungi can metabolize nutrients in the absence of oxygen (anaerobically). Both must have sugar in order to survive. Both can be impacted by antifungal medicines.[3]Both will die in the absence of sugar.[4]"Mycotoxins have proven to be very toxic and harmful, and it is no wonder that many inhabitants of mold-infested spaces are constantly ill. This illness is mainly upper respiratory tract infections, lethargy, constant headaches, nausea, and a general ill feeling. Inhabiting these living spaces for a considerable period may lead to cancer."[5]

That metastatic cancer cells eat their way through the protective barriers of an organ and march away from their proper organ and overrun other tissues and organs describes yeast and fungus invasion perfectly.

Now we have Doug A. Kaufman and Dr. David Holland, who are in terms of diabetes, saying what Dr. Simoncini and Dr. Costantini are saying about cancer. Which is that the fungal invasion is a cause, NOT just a secondary infection. It is a primary infection. As we have already noted allopathic doctors do a lousy job of diagnosing fungal infections. So they blame bacteria and viruses, and treat with antibiotics, which only makes matters worse because antibiotics promote fungal growth.

Kaufman and Holland make a significant link between diabetes and cancer. Is it a coincidence that diabetics have a **4 times greater rate of liver cancer?** And diabetics have **double the risk of pancreatic cancer** compared to non-diabetics, according to recent studies presented to the Third Annual Frontiers in Cancer Prevention Research Meeting in Seattle in 2004. Kaufman and Holland, in their book **Infectious Diabetes**, present a compelling account of how fungi may be the underlying cause of diabetes, its complications, and many other autoimmune disorders.

Heavy Metal Contamination promotes the growth of fungus infections and are an essential etiology in their cause.

Cancer has been around as long as mankind, but only in the second half of the 20th century did the number of cancer cases explode. Contributing to this explosion are the excessive amounts of toxins and pollutants, high stress lifestyles that zap the immune system, poor quality pesticide-full junk food, irradiated genetically modified pathogens, electromagnetic stress, lights, and just about everything that wasn't here 200 years ago. All these weaken the immune system and alter the internal environment in the body to an environment that promotes the growth of cancer/fungal colonies.

Fungi easily grow in the body after the part of the immune system that controls the fungi (i.e. kills it) has been compromised - compromised for example by heavy metals, pesticides, emotional shocks, antibiotics, etc. **If the immune system is 100% intact, then fungi should not grow in the body.** The part of the immune system that is most responsible for attacking fungi is the neutrophil function.

Dr. Milton White believed that cancer is a chronic, infectious, fungus disease. He was able to find fungal spores in every sample of cancer tissue he studied.[6]

Cancer is not a mysterious disease that suddenly attacks us out of the blue - something that we can't do anything about. It has definite causes. We can correct those causes if we hit it hard enough and from enough sides in a simultaneous confrontation. Our protocol attacks cancerous cells and tumors by exploiting their weaknesses. This is best done most directly with sodium bicarbonate treatments combined with iodine, magnesium chloride, Alpha Lipoic Acid, and as well as with other substances that trigger chelation of heavy metals.

Fungal overgrowth occurs because its natural competitors have been removed. Overgrowth happens with antibiotic usage. Pathogenic albicans (chronic candidiasis, more commonly known as candida or thrush) is generally caused by drug use - particularly antibiotic drug use, poor diet, lowered immunity, and metals like mercury from dental amalgams. **Mercury will promote the growth of Candida, as it**

adsorbs the mercury. Candida cannot be effectively dealt with without dealing with the dental issues first (mercury issues). This is not an optional approach, but necessarily part of the primary approach when mercury contamination is involved. This is the reason this book does not claim that bicarbonate is a cancer cure, clearly it is a main part of treatment and can alone put cancer into remission. But if the underlying causes are not addressed the chances of the cancer coming back are quite high.

*Two studies found an association between exposure to mercury and acute leukemia. On the basis of the available human and animal data, the International Agency for Research on Cancer and the U.S. Environmental Protection Agency has classified methyl **mercury as a "possible" human carcinogen.***
National Academy of Science[7]

According to the observations made by the internationally recognized medical researcher, Dr. Yoshiaki Omura, all cancer cells have mercury in them. Since mercury is the second most toxic substance on this planet, its presence provides a strong initiating factor for disrupting cell function. Support for this idea comes from Dr Hans Nolte who states that, "The wave spectrum of mercury contains more than thirteen wavelengths, whereas only one or two frequencies or wavelengths are usually observed for the other heavy or noble metals." It is Dr. Nolte's belief that the many harmful effects of mercury could be explained to some degree on the basis of this great variety of wavelengths. Dr. Omura's clinical observation concludes that **one of the primary reasons cancer returns is because residual mercury reignites a pathological environment even after surgery, chemotherapy, radiation, and alternative therapies report a positive effect.**[8]

*200 micrograms of mercury would fit on the head of a pin.
According to the Environmental Protection Agency (EPA),
dropping that pinhead of mercury into 23 gallons of water
would make it unsafe for human consumption.[9]*

A person with a mouthful of mercury laden dental amalgam can easily absorb 200 micrograms in a week. Once mercury has attacked cells they become impaired in their ability to detoxify and nurture themselves because mercury suffocates the intracellular respiratory mechanism.[10]The cells thus become toxic, some die but the majority simply adopt, change their physiology and live in a state of chronic malnutrition. The presence of mercury in the tissues represses the immune system, which itself has to make a conscious adaptation to what could easily become a lethal heavy metal environment. As mercury levels increase the immune system does something very interesting for the sake of survival. It begins to allow fungi and bacteria, which can bind large amounts of toxic metals, to grow. It does this to alleviate the respiration of the cells so they can breathe again but the cost is very high for the system has to provide nutrition for the microorganisms and has to deal with their metabolic products ("toxins").

*When a bacterium or virus invades the body, the immune system
sends in its special cells to kill the invaders. One team of special
cells, macrophages, does this by releasing a burst of free radicals.*

Dr. Klinghardt explains the hidden connection between such toxic buildup and the inflammatory infections that are principle aspects of heart diseases, saying **"Toxic metals harm the cells of the body whereas the invading microorganisms can often thrive in a heavy metal environment.**

Research by Ludwig, Voll and others in Germany and Omura and I here in the US, show that microorganisms tend to set up their housekeeping in those body compartments that have the highest pollution with toxic metals. The body's own immune cells are incapacitated in those areas whereas the microorganisms multiply and thrive in an undisturbed way." He goes on to "suggest diagnosing and treating toxic metal residues in the body along with the appropriate treatment of the microorganisms. As long as compartmentalized toxic metals are present in the body, microorganisms have a fortress that cannot be conquered by antibiotics."

With any infection, especially one that continues for long periods of time,, the body tries to seal off the infection. It does this by building a fibrous wall around the battle zone.

There are many things that can start the chain reaction that leads to cancer/fungus infections, but no matter what starts the chain reaction, part of the process involved a microbe penetrating inside a normal cell, thus breaking the Krebs Cycle and Electron Transport Chain (ETC). This makes the once normal cell anaerobic, and an anaerobic cell is defined to be cancerous.

Tumors are not distinguishable from the infections that inhabit them.

The Peter MacCallum Cancer Centre in East Melbourne has revealed three cancer patients have died from a fungal infection in its intensive care unit.[11]After a cycle of antibiotics use the candida/yeast/fungus overgrowth that comes in its wake becomes lethal. Cancer is defined as malignant tumor of disorderly cells that have the potential of nearly unlimited growth. These uncontrolled cells expand locally and/or metastasize (spread destructively) to other tissues and organs. Clearly this can define a yeast or fungus colony as well as normal cells losing control of their own reproductive growth.

Although, there are millions of species of fungi, only about 400 species of fungi make mycotoxins that are capable of causing human illness. Only one, a mycotoxin from the fungi *Aspergillus* called Aflatoxin, is routinely tested in our food supply.[12] It is tested in corn, peanuts and other products. A study published in January 2002 in The Journal of the American Medical Association (JAMA) states virtually all of our corn supply, and much of our peanut and grain supply, is impregnated with mycotoxins.

Scientists have directly implicated yeast and fungal toxins, called mycotoxins, in the cause of Crohn's disease. Former World Health Organization expert Dr. A.V. Costantini has found that people with Crohn's often have aflatoxin, a mycotoxin made by Aspergillus molds, in their blood.
- Dr. Dave Holland

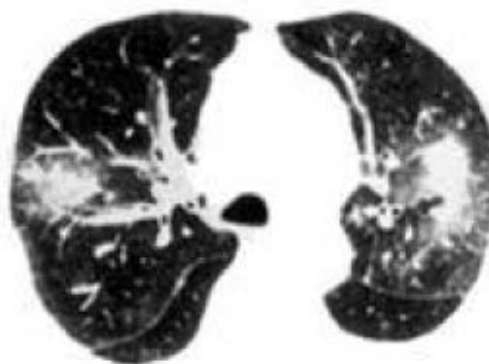
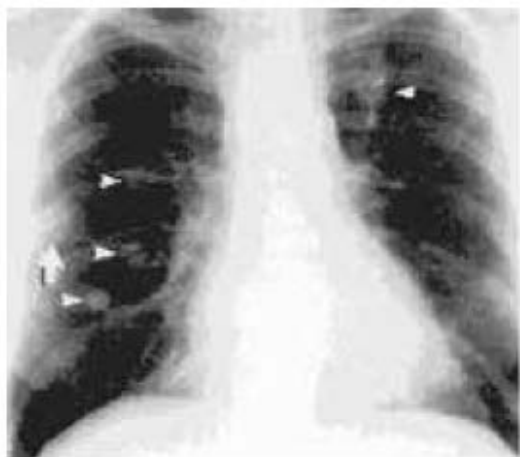
The various foods, which are documented to cause prostate cancer, share little in common except that they are all high on the list of fungal mycotoxin contaminated foods. The carcinogenic mycotoxin most often encountered is aflatoxin. Aflatoxin, a recognized potent carcinogenic mycotoxin causes normal human breast cells to become cancerous. Tumor tissues have higher aflatoxin-adduct levels than do normal tissue from the same individual. The presence of carcinogenic aflatoxin within the cancer tissue and this implicates aflatoxin as a cause of breast cancer. Le et al. (1986), in a French case-

control study of 1,010 breast cancer cases and 1,950 controls with nonmalignant diseases, found that breast cancer was found to be associated with increased frequency of mold-fermented cheese consumption.

Aflatoxin causes mutation of normal rat prostate cells - Link et al. 1983.

Dr. Holland says, "Although aflatoxin is the most carcinogenic substance on the planet, ochratoxin beats it ten times over in terms of its toxicity and the damage it inflicts on the human body.[13] Despite this, the USDA does not screen for ochratoxin. Other countries screen for up to 15 of the most common mycotoxins, including zearalenone, fumonisin, and the afore mentioned ochratoxin. Although these mycotoxins are common in our food supply the USDA does not screen for their presence either.[14] Incidentally mold-generated zearalenone mimics estrogen, which can throw a victim's entire hormonal systems off balance. It is found in high concentrations in North America." [15]

While cooking will kill fungi, their mycotoxins remain unaffected by heat. So mycotoxins existing in grains, milk, and animals fed them (livestock) will be carried to our dinner tables.



Fungus Infections of the Lungs

Going et al. (1990) found that calcium oxalate crystals are present in calcifications found in the breast tissue of patients with breast cancer. Oxalic acid (calcium oxalate crystals) in the sputum or lung specimens of patients is also an indication of an **Aspergillus infection of the lung**. Oxalic acid is a powerful corrosive agent and oxalate salts are widely used for their cleaning and bleaching properties. Oxalic acid happens to be a mycotoxin which can be produced by a number of different fungal species. Some fungi produce such large amounts of oxalic acid that they are used for commercial production of the chemical. These calcium oxalate crystals are the same as the calcium oxalate found in breast cancers. **The presence of oxalates in the breast is indicative of the presence of fungi interwoven within the stages of breast cancer development.** Since humans do not make oxalic acid themselves, this is an appropriate conclusion.

In 3 patients with a diagnosis of brain lymphoma and low grade glioma on the basis of the surgical specimens, stereotactic biopsy revealed only unspecific reactive tissue changes.[16]

Uric Acid is a Cause of Renal Disease[17]

Kaufman and Holland state that many fungal varieties produce uric acid, which in turn produce alloxan. Alloxan, which is formed from uric acid, even in small quantities induces diabetes in laboratory animals.[18] "In one study, they state," it was found that rats injected with alloxan suffered a drop in the number of beta cells in their pancreases, and a corresponding sharp drop in insulin production." The rat's cholesterol and triglyceride levels shot up as well. Uric Acid was discovered to cause diabetes in 1949, by Mervyn Griffiths.[19] Alloxan, is now used to make laboratory rats diabetic for research purposes. Urea and uric acid are always found together in the urine, along with a small amount of alloxan. Alloxan appears to be the intermediate stage in the conversion of uric acid into urea by oxidation.[20]

*Increased uric acid is caused by yeast infections,
by fungus, by microorganisms using us for a host.
Uric acid produces alloxan and both cause diabetes.*

Interestingly it was found that uric acid or alloxan alone in small amounts did not cause a diabetic condition if the glutathione levels remained at normal levels in the lab animals tested.[21] Shortly after this it was discovered that *Sacchromyces* yeast produces uric acid (Svlhia,1963) and in 1976 after two children dying from diabetes were found to be infected with *Cryptococcus* fungi, further studies were done by injecting *Cryptococcus* directly into the pancreatic arteries. Necrosis (cell death) in the Islets of Langerhans resulted. This is where insulin producing cells originate. *Cryptococcus* fungi also produce alloxan, a uric acid byproduct. Further studies through the years confirmed alloxan's damage to the pancreatic islet cells (Pogo, 1980) and in 1990 Coleman et. al fed mice a diet of 10% brewers yeast, and diabetes resulted. In the 1980s it was found that other alloxan-like metabolites of uric acid were diabetogenic, some even more so than alloxan alone.[22]

***Uric acid causes diabetes, heart disease, probably strokes
and renal disease as well as gout and kidney stones.***

According to The Home Medical Encyclopedia, in 1963 about one-half of all Americans suffered from an "unrecognized" systemic fungal condition.

Far more Americans suffer from fungal infections today as antibiotics, hormone replacement therapies, and birth control pills continue to be consumed like candy. Thus more and more children are becoming infected with candidal meningitis or viral meningitis which means their systems are suffering under the weight of these poisons - these mycotoxins. While the gluten-free, casein free diet is a step in the right direction, it's not enough. It is time we start focusing on conquering the systemic viral and fungal infections with the same substances that can destroy these same infections in the case of cancer.

In my practice I've noticed that clients who have chronic sub-clinical viral, bacterial or yeast/fungal infections accumulate and retain heavy metals in their bodies. It's interesting to note that these chronic infections bind to toxic metals so effectively that no chelating agent is able to remove them.

Dr. Edwards goes on to indicate that most patients who are experiencing the ravages of fibromyalgia, chronic fatigue, multiple chemical sensitivities, diabetes, lupus and other autoimmune diseases are found to have both dysbiosis and leaky gut. What happens is the combination of yeast-bacteria, yeast-virus, Candida infestation and heavy metal toxicity alter the stomach and intestinal track to such a degree that it can no longer function properly. It becomes highly reactive to gluten in grains or corn as well as to caseins found in dairy products.

The bulk of the pancreas consists of cells whose job is to produce fluid that contains enzymes and sodium bicarbonate. The enzymes digest food; the sodium bicarbonate neutralizes hydrochloric acid from the stomach to protect the delicate intestinal lining from damage. Without the sodium bicarbonate in pancreas fluid to neutralize stomach acid the intestine can be severely damaged by the highly caustic fluid that arrives from the stomach. **Pancreatic enzyme insufficiency leads to bad digestion of food and subsequent malnutrition, accompanied by signs of intestinal irritation and we can start to imagine how useful bicarbonate is for children with autism.**

Spores are tiny single cells that are produced by fungi that have hyphae. Spores are tiny single cells that are usually very resistant to environmental changes. They can remain dormant for long periods of time until the conditions are right for them to develop into mature individuals. **Fungi are heterotrophs, meaning that they secrete digestive enzymes and absorb the resulting soluble nutrients from whatever they are growing on. For this reason they are great decomposers in the ecosystem,** but they can also cause problems when they begin to absorb nutrients from a living organism.

Fungus is a parasite and very often dictates eating behaviors in the host. Typically, we see people who have a fungal condition with certain cravings not knowing a host of fungal invaders are dictating their behavior; not knowing that their arthritis, their cancer, their diabetes or other diseases are related to fungus. These people tend to crave pasta, bread, potatoes and sugar, which is one clue a physician can use to accurately diagnose the condition.

83% of 25 people tested with a dark field microscope had various stages of systemic yeast infections in their blood. This means that the fungus is flowing everywhere throughout the body. This causes joint pain, stomach upset, allergies, reflux, and many other disorders that are misdiagnosed by conventional medicine. **Dr. Marijah McCain identified the primary cause of death in cancer patients to be NOT the cancer itself, but fungal overgrowth.** The doctor also saw fungi in other diseases such as: Fibromyalgia, Chronic Fatigue Syndrome, Lupus, Gulf War Syndrome.

"The Feds closed my clinic 2 years ago... They said the procedure I was doing was categorized as "high complexity" and required unrealistic laboratory requirements for me to practice (One drop of blood on a microscope slide!) When I spoke to the idiot at CLIA in Dallas he said quote "We are going to get rid of all of you." Nice... I will tell you **in the short time I was using my scope I saved over 25 lives from sure death and also saw systemic yeast in everyone's blood.** They don't want you to know that this fungus is what is really killing you, not the cancer!!! The chemo therapies contribute to this fungal overgrowth and it is deadly when not treated. It is clearly present in all Fibromyalgia, CFS, Lupus, GWS and a host of other problems they have conveniently mis-titled. I know it, because I not only saw this

with my own eyes, in every case, but I treated it successfully and got results! People didn't die!!! They got better, even when they had been given a cancer death sentence!"

How To Test For Fungi

Testing for fungi (same thing as "yeast") is very difficult. There are several tests, yet they can easily produce false negatives (i.e. they don't see a fungi, yet you still have one). One \$500 test looks for antibodies (soldiers in blood designed to attack specific invaders) to 10 different specific fungi. There are many types of fungi, and this is why they are often difficult to see. You could drop \$500 to look for 10 types of fungi, yet not be looking for the one you have. Another technique is to look for several of the more common forms of fungi in stool via a CDSA test. The CDSA has the same problem as the antibody test — it only looks for several species. **Another way to test for fungi is to treat for it for 45 days and see if your symptoms noticeably (hopefully significantly) improve.**

The other test for fungi is much less expensive. If you are chronically ill and or have cancer you can just assume that you have an infection. It would be one of the safest assumptions you would make in life for we know without a shred of doubt that we literally live and survive in a sea of pathogens. Just because allopathic doctors have not paid much attention to fungi and yeast infections does not make them any less present. They are a direct threat and should not be ignored nor approached via the allopathic paradigm.

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BICARBONATE AND RAPID pH SHIFTS

Source: Dr. Mark Sircus, *Sodium Bicarbonate: Rich Man's Poor Man's Cancer Treatment*

Most of us were amazed to find out that there is an oncologist in Rome, Italy destroying cancer tumors with sodium bicarbonate.[1] Sodium bicarbonate is safe, extremely inexpensive and effective when it comes to cancer tissues. It is irresistible cyanide to cancer cells. **It hits the cancer cells with a shock wave of alkalinity**, which allows much more oxygen into the cancer cells than they can tolerate. Cancer cells cannot survive in the presence of high levels of oxygen. Sodium bicarbonate is, for all intent and purposes, a quick killer of tumors. Full treatment takes only a few weeks. Follow up treatments are highly recommended.

One of the first patients I treated was an 11-year-old child, a case which immediately indicated that I was on the right track. The child arrived in a coma at the paediatric haematology ward around 11:30 in the morning, with a clinical history of leukaemia. Because of the child's disease he had been taken from a small town in Sicily to Rome, through the universities of Palermo and Naples, where he underwent several chemotherapy sessions. His desperate mother told me that she had been unable to speak with the child for 15 days; that is, since the child had been on his journey through the various hospitals. She said she would have given the world to hear her son's voice once again before he died. As I was of the opinion that the child was comatose both because of the proliferation of fungal colonies in the brain and because of the toxicity of the therapies that had been performed on him, I concluded that if I could destroy the colonies with sodium bicarbonate salts and at the same time nourish and detoxify the brain with glucose administered intravenously, I could hope for a regression of the symptoms.

And so it was. After a continuous intravenous infusion of bicarbonate and glucose solutions, at around 7pm, when I returned to the university, I found the child speaking with his mother, who was in tears. [2]

Dr. Tullio Simoncini

The bicarbonate transport system is a simple yet central part of our body's normal functioning.

So it should come as no surprise that disruption of bicarbonate transport underlies many diseases.[3] HCO_3^- is impermeable to biological membranes. Specialized plasma membrane bicarbonate transport proteins (bicarbonate transporter) are therefore required to facilitate HCO_3^- movement into and out of cells. Because HCO_3^- is a base, bicarbonate transporter-mediated influx induces cellular alkalinization, while efflux causes acidification.

Physiologically the bicarbonate transport system serves to:

1. regulate cellular pH,
2. regulate whole body pH,
3. regulate cell volume and fluid secretion,
4. dispose of the body's major metabolic waste product ($\text{CO}_2/\text{HCO}_3^-$).

Though we have known that oral intake of sodium bicarbonate will have the 'Simoncini' effect on oral, esophagus and stomach cancer no one has focused on the systemic effect of bicarbonate taken orally. Every cancer patient and every health care practitioner should know that oral intake of **sodium bicarbonate offers a strong shift of body pH into the alkaline**. So strong is the effect that athletes can notice the difference in their breathing as more oxygen (and thus CO_2) is carried throughout the system as more acids are neutralized.[4]The difference can be stunning for those whose respiration is labored under intense exercise loading.[5]This tells us to take very seriously the oral use of bicarbonate for cancer treatment **no matter what other treatment is used**.

There are so many things to know about bicarbonate. A primary characteristic of it is its high pH. Bicarbonate has two roles in intestinal function: neutralization of stomach acid entering the intestine and water reabsorption. Neutralization of acid by bicarbonate is primarily accomplished by the high bicarbonate concentration (125 mM) present in pancreatic fluid secreted into the intestine. In another chapter we will penetrate the pH story and establish it as a main barometer in health and medical treatment. One can push one's body pH up dramatically with bicarbonate.

Raising pH increases the immune system's ability to kill bacteria. This was the conclusion of a study conducted at The Royal Free Hospital and School of Medicine in London. This is a tip-off to an entirely new way allopathic medicine can look at disease and its treatment. By paying attention to basic physiology (pH) and effecting shifts from acid to alkaline we go a long way in reversing cancer and other chronic diseases.

All cancer sufferers, and in fact every chronic disease patient, should hold clearly in mind that **pH is the regulatory authority that controls most cellular processes**. The pH balance of the human bloodstream is recognized by medical physiology texts as one of the most important biochemical balances. Our body pH is very important because **pH controls the speed of our body's biochemical reactions**. It does this by controlling the speed of enzyme activity as well as the speed that electricity moves through our body - the higher (more alkaline) the pH of a substance or solution, the more electrical resistance that substance or solution holds.

Body pH level changes are intense in the profundity of their biological effects. Even genes directly experience external pH. Important changes in pH may not only affect the shape of an enzyme but it may also change the shape or charge properties of the substrate.[6] When pH is too acidic either the substrate cannot bind to the active site or it cannot undergo catalysis. Increased oxidative stress, which correlates almost exponentially with **pH changes into the acidic, is especially dangerous to the mitochondria**, which suffer the greatest under oxidative duress. Epigenetics, which may now have begun eclipsing traditional genetics, commonly describes how factors such as diet and smoking, rather than inheritance influence how genes behave.

Each enzyme works within quite a small pH range. There is a pH at which its activity is greatest (the optimal pH). This is because changes in pH can make and break intra- and intermolecular bonds, changing the shape of the enzyme and, therefore, its effectiveness.

Sodium bicarbonate injection is indicated in the treatment of metabolic acidosis, which may occur in severe renal disease, uncontrolled diabetes, and circulatory insufficiency due to shock or severe dehydration, extracorporeal circulation of blood, cardiac arrest and severe primary lactic acidosis. Sodium bicarbonate is further indicated in the treatment of drug intoxications, including barbiturates. **Sodium bicarbonate is effective in treating poisonings or overdoses from many chemicals and pharmaceutical drugs by negating the cardiotoxic and neurotoxic effects.** [7]

Substituting a sodium bicarbonate solution for saline infusion prior to administration of radiocontrast material seems to reduce the incidence of nephropathy.[8]

Dr. Thomas P. Kennedy
American Medical Association

It was over a year and a half ago that I was introduced to the work of Dr. Tullio Simoncini and I have concluded he deserves the thanks of humanity for bringing the power of sodium bicarbonate to the cancer world. I was introduced to him by Emma Holister, who runs the International Candida Foundation. It was not until a few weeks after being exposed to Dr. Simoncini's ideas that I saw Dr. Kennedy's statement and information from the U.S Army that forced my attention into high alert. Both the Army and Dr. Kennedy were saying that bicarbonate was effective in protecting the kidneys from

radiation contamination.

Dr. Simoncini is a most noble person who was crucified[9] and had his license taken away. The reason why Dr. Simoncini was kicked out is because as an oncologist he refused to use conventional cancer treatment methods. He chose instead to administer sodium bicarbonate (baking soda), which is harmless as opposed to the often lethal use of chemotherapy.[10]

"The therapeutic treatment of bicarbonate salts can be administered orally, through aerosol, intravenously and through catheter for direct targeting of tumors," says Dr. Tullio Simoncini, whose treatments with sodium bicarbonate are directed as specifically as possible to the organs involved. For example, vaginally as well as abdominally into the peritoneal space for cervical cancer, through the hepatic artery for liver cancer in order to get the solution as close to the affected area as possible.

Many have called me during this past year asking me how to reach Dr. Simoncini or others who are doing his intravenous and catheter treatments that often require interventionist radiologists. Communications have been very difficult with the good doctor who has been traveling much to spread the news that cancer is a fungus most easily treated by sodium bicarbonate. Please take a few moments to see the interview with him by Doug Kaufman.[11]

One does not have to spend 20,000 dollars to go to Rome though. Nor does one have to wait and worry in frustration looking desperately for a local doctor who will treat using the Simoncini's intravenous methods. Simoncini says that sodium bicarbonate administered orally, via aerosol or intravenously can achieve positive results only in some tumors. According to him, cancers such as the serious ones of the brain or the bones remain unaffected by his treatment. You will find in this book some new ideas about how to extend treatment into these hard to get to areas.

Dr. Simoncini still recommends radiation treatment for those with bone cancer. Imagine my surprise when I got a letter from an elated person who got a report back from his oncologist, after self administering sodium bicarbonate orally, that he had cured his bone cancer. The very day before, I had received a report from another doctor, who confirmed remission from stage two lung cancer, also after taking oral bicarbonate. For decades there have been reports of cancer remissions from bicarbonate taken orally but it is only now that we are receiving confirmed before and after tests from oncologists indicating its effectiveness.

Even Dr. Simoncini prescribes some oral bicarbonate when he gives his infusions. It is not a great leap to conclude that we do not in fact need orthodox doctors or dangerous hospitals flooded with drug resistant infections to take our bicarbonate. **Nor do we need to take our bicarbonate and mix it with extreme poisons to enjoy its anti-cancer benefits.** It does not say on the box mix with poisons and drink.

Dr. Simoncini's logic on the fungus argument is exceptionally tight and the fact that he has been able to readily reduce cancer sized by 1/2 or completely in a matter of days is something we need to pay attention to. However to use direct injection we run the risk of septicemia especially if it is I.V. People die in kidney dialysis not from kidney problem, but mostly from septicemia. Hence Dr. Simoncini's protocols that use catheters and intravenous methods are not practical for universal application like oral administration can be. Deaths and terrible bouts with infection are normal consequences of

injection treatments; often this is just a mirror of hospital unsanitary behavior.

During these days I have been working with a man in Hawaii who has an out of control Candida infection in his intestines, something easily diagnosed as intestinal cancer. He is putting a cup of bicarbonate into a quart of water and using the mixture in his daily enemas. There are many ways to use bicarbonate. I had already published an essay on using bicarbonate with maple syrup and through these past months have received feedback from several people indicating positive results. Some had mixed the bicarbonate with black strap molasses or honey.

When I signed onto bicarbonate it was before I started my research into Simoncini's assertion that CANCER IS A FUNGUS. I did not need to buy into his conviction to understand that bicarbonate is a basic substance required for life and health and that it has many protective effects especially where the kidneys, vascular and nervous systems are concerned. In the end though, this book and author is totally in agreement with Dr. Simoncini though my definition of the condition of cancer extends quite a bit beyond.

The title of the good doctors book **CANCER IS A FUNGUS** describes the central reality of cancer; its hard to imagine a cancer without an attached fungus.

Bicarbonate is an excellent antifungal. "Even patients who had been committed to mental hospitals have been helped by anti-fungal therapy. Other puzzling immunologic diseases, including multiple sclerosis, rheumatoid arthritis and lupus erythematosus, have responded better when attention was given to reduction of yeast and immune stress. **A wide spectrum of allergic disorders, from classical hay fever to chronic, delayed-onset type of food allergy and petrochemical sensitivity, have improved following anti-yeast therapy,"** says Dr. Elmer M. Cranton.[12]Sodium bicarbonate has its place in a wide spectrum of clinical disorders and it certainly has its place in oncology where dealing with what they call late stage fungal infections is important.

No one is perfect or carries the ultimate flag of medical truth up the summit alone. Dr. Simoncini is not to be faulted in assuming that oral usage cannot compete or even supersede intravenous and catheter administration methods. He made a similar mistake when he successfully applied topical iodine to stomp on skin cancer - but failed to realize iodine can be taken at high concentration levels internally through oral administration to do the same job on the inside that was already being accomplished on the outside on the skin.

"Methods allow the positioning of a small catheter directly in the artery that nourishes the neoplastic mass, allowing the administration of high dosages of sodium bicarbonate into the deepest recesses of the body. With this method, it is possible to reach almost all organs; they can be treated and can benefit from a therapy with bicarbonate salts." says Dr. Simoncini.

The conclusion of this author, however, is that this is not usually necessary. This is extremely good news for the world because it's almost impossible to find Simoncini influenced treatment centers. Besides, it is extremely expensive when one calculates in travel expenses to Rome or other far points in the world. The majority of humanity is still on the level of poverty that cannot afford expensive medical treatments and with world conditions set to get much worse this becomes even more of an

issue.

My official position as director of the International Medical Veritas Association is that one should simply play the bicarbonate card with oral means and back it up with a full naturopathic protocol instead of a toxic one. Instead of surrounding bicarbonate with deadly pharmaceutical poisons, which most chemo agents are, we are going to surround it with other basic concentrated nutritional medicines like magnesium chloride, iodine, selenium and a full protocol of other known anti-cancer substances like vitamin C (not ascorbic acid). This is not to say I disavow the importance and need for intravenous application or the use of catheters to target tumors more directly and radically. It's another effect when you target tumors with concentrations of sodium bicarbonate. But if starting a protocol with bicarbonate at the center tomorrow resolves the problem quickly one does not have to progress to more radical and expensive treatments.

Be aware, however, when treating something as serious as cancer it is advantageous to have some kind of medical supervision from one of a number of different types of health care practitioners. There is indeed that much one needs to know and do. One would be making a serious mistake if they just gambled their life on bicarbonate. Though, if one was going to gamble, this is probably your best bet in the short term. In the long term nothing can substitute permanently for corrective changes in diet. You have a book in your hand though designed to convince you of just one thing: expose yourself to bicarbonate on a consistent basis.

Personally I keep in touch with bicarbonate by using it to brush my teeth everyday, as a deodorant, and for skin healing applications. I know people who shampoo with it and clean their houses with it. It probably can be used in many conditions that have not been directly explored but we know it's widely used for vaginal infections. You know that the dentists are hip to bicarbonate as it has finally found its way into their sonic cleaning devices. Lately I have been showing some signs of aging and am increasing my intake of bicarbonate to combat the probably acidic conditions from an over consumption of meat and dairy, both of which tend to create acidic conditions in the long run.

Doctors cannot legally use bicarbonate to treat cancer unless they add the chemo poisons to it. But regular doctors who do not subscribe to this insanity can use it to treat the acid conditions that are everyday parts of the condition we call cancer. It is almost impossible to find doctors who know or would be willing to administer bicarbonate IV treatments to cancer patients. So they will be relieved to be able to just send people home to take their oral dosages. Legally and medically it's not much different then telling people to taking some form of aspirin when suffering from a fever or headache. The big difference though is that sodium bicarbonate has a much better safety record than aspirin.

So instead of wrangling with frustration, give yourself a full course of bicarbonate remembering always that you are not going to rest the entire weight of your life on bicarbonate alone. One has to work with solid but basic medical principles. If one does not follow even the most basic common sense things what can one expect when it comes to winning ones personal war against cancer?

The most effective measure to treat RT-induced mucositis in patients with head and neck cancer is frequent oral rinsing with a sodium bicarbonate rinse, to reduce the amount of oral microbial flora.[13]

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[1] candida-international.blogspot.com/2007/03/is-cancer-caused-by-candida-fungus.html

[2] candida-international.blogspot.com/2007/03/is-cancer-caused-by-candida-fungus.html

[3] Bicarbonate Transport in Cell Physiology and Disease. Emmanuelle Cordat and Joseph R. Casey. Membrane Protein Research Group, Department of Physiology¹ and Department of Biochemistry² University of Alberta, Edmonton Canada T6G 2H7

[4] The breakdown of glucose or glycogen produces lactate and hydrogen ions - for each lactate molecule, one hydrogen ion is formed. The presence of hydrogen ions, not lactate, makes the muscle acidic that will eventually halt muscle function. As hydrogen ion concentrations increase the blood and muscle become acidic. This acidic environment will slow down enzyme activity and ultimately the breakdown of glucose itself. Acidic muscles will aggravate associated nerve endings causing pain and increase irritation of the central nervous system. The athlete may become disorientated and feel nauseous.

[5] By buffering acidity in the blood, bicarbonate draws more of the acid produced within the muscle cells out into the blood and thus reduce the level of acidity within the muscle cells themselves.

[6] Enzymes are protein catalysts that influence the rate of a reaction. The reactant substances upon which an enzyme acts are termed the substrates. The substances produced as a result of the reaction are the products. Enzyme-controlled reactions are mostly reversible and involve the formation of an intermediate enzyme-substrate complex.

[7] These include, Benzotropines (valium) cyclic antidepressants (amitriptyline), organophosphates, methanol (Methyl alcohol is a cheap and potent adulterant of illicit liquors) Diphenhydramine (Benedryl), Beta blockers (propranolol) Barbiturates, and Salicylates (Aspirin). Poisoning by drugs that block voltage-gated sodium channels produces intraventricular conduction defects, myocardial depression, bradycardia, and ventricular arrhythmias. Human and animal reports suggest that hypertonic sodium bicarbonate may be effective therapy for numerous agents possessing sodium channel blocking properties, including cocaine, quinidine, procainamide, flecainide, mexiletine, bupivacaine, and others.

[8] JAMA 2004;291:2328-2334,2376-2377.
www.urotoday.com/56/browse_categories/renal_transplantation_vascular_disease/sodium_bicarbonate_may_prevent_radiocontrastinduced_renal_injury.html

[9] "I am reliably informed that Mr. Simoncini has been erased from the Medical Register in his native country and is no longer permitted to practice medicine." Yes I am well aware of this and what does this have to do with the price of beans? Medical truth and medical science happens to be independent of medical politics or medical law. For many doctors that I know this above fact would position Dr. Simoncini in a strong not weak position and you insult him further by calling him Mr. They can take away his license to practice medicine but they cannot undo his education and the respect due him and the fact that he is a doctor and has been and will be until he dies.

"I am also not aware of any evidence whatever that cancer is caused by a fungus, which is the fundamental tenet underpinning Simoncini's assertions."

I think you got it slightly wrong, he indicates cancer is a fungus not that it is caused by it. What

causes cancer is diverse, many things have been scientifically shown to cause cancer or cause the conditions in which late state infections (cancer) invite yeast and fungi to form colonies that attach to sickly human cells...which are themselves one of the causes of cancer...as are heavy metals, pesticides, fluoride and on and on.....then of course we have the nutritional deficiencies that set the entire stage. Don't you know anything about cancer? We even have people who define people as multidimensional human beings meaning that sometimes or even often emotional trauma and shock or never ending stress and conflict disrupt the immune system severely weakening its ability to clear cancers from the system.

"While bicarbonate is undoubtedly a useful and legitimate instrument of therapeutic good in certain specific situations, it is not and never has been shown to be an effective approach to cancer, Simoncini's assertions notwithstanding."

Interesting that it is a standard part of chemotherapy, which can hardly be done without it.

[10] aromatherapy4u.wordpress.com/2008/08/05/974/

[11]ibid

[12]CHRONIC FATIGUE IMMUNE DYSFUNCTION SYNDROME (CFIDS) Also Referred to as:YEAST SYNDROME or YEAST RELATED ILLNESSBy Elmer M. Cranton, M.D.;Copyright © 2007 Elmer M. Cranton, M.D.

[13]Oncol Nurs Forum. 2002 Aug;29(7):1063-80. A research review of the current treatments for radiationinduced oral mucositis in patients with head and neck cancer.Shih A, Miaskowski C, Dodd MJ, Stotts NA, MacPhail

UNDERSTANDING THE CONDITION OF CANCER

Source: Dr. Mark Sircus, *Sodium Bicarbonate: Rich Man's Poor Man's Cancer Treatment*

Most of us have a concept of cancer that has been programmed into us through years of constant and deliberate misinformation. All we can think of is our DNA strands losing control of themselves creating colonies of human cells running amuck. Tell someone that their cancer is a yeast or fungi invasion and they will look at you like you are a nut. But a major U.S. scientist says cancer – always believed to be caused by genetic cell mutations -- can in reality be caused by infections from viruses, bacteria, yeasts, molds and fungus parasites. **"I believe that, conservatively, 15 to 20 percent of all cancer is caused by infections; however, the number could be larger -- maybe double,"** said Dr. Andrew Dannenberg, director of the Cancer Center at New York-Presbyterian Hospital/Weill Cornell Medical Center. Dr. Dannenberg made the remarks in a speech in December 2007 at the annual international conference of the American Association for Cancer Research.[1]

You will often hear people say that we all have cancer cells. The disease we call cancer means that the immune system has failed to kill these naturally occurring cancer cells before they got out of control and proliferated. This is a reasonable assumption when we define these cancer cells as yeast and fungi cells as well as certain fungi type bacteria. What Causes Cancer? "We know that cancer is a mutation of DNA that causes cells to mutate and divide rapidly." Wrong. We do not know this but we do know that

most doctors and people think this. Yes, these damaged cells can invade other tissues in the body and spread. Thus causing systemic disease. It does not even seem reasonable to conclude that these are human cells with the DNA mutations. Viral, bacterial and fungi pathogens have their own mutational dances. Medical scientists already know that pathogens are very much present in cancer patients and need to be dealt with no matter what theory one has decided to follow.

Infections and Human Cancer, and *Microbes and Malignancy: Infection as a Cause of Human Cancers* are just two of a line up of books that address the crucial issue that holds the key to winning the war on cancer. Today there is a growing list of researchers finding that **anti fungal medicines kill cancer cells**. Scientists of the German Cancer Research Center have discovered that the antibiotic/antifungal griseofulvin counteracts tumors forcing cancer cells into cell death. Professor Dr. Alwin Krämer, head of the Clinical Molecular Hematology/Oncology at the University of Heidelberg found that griseofulvin causes cancer cells to build malformed, multipolar spindles, which eventually leads to cell death by apoptosis. In healthy cells, however, the antibiotic does not cause spindle malformations. You will find in this book many chapters on this crucial subject, which Drs. Dannenberg and Kramer are introducing here.

It would be an oversimplification to translate the word cancer into fungi or yeast even though tumors are packed with fungi/yeast cells. Which, by the way, are cutting off our food supply at the pass - so to speak. In reality the meaning of the word cancer is a concept that needs to be made from a myriad of realities that go into creating what we might more accurately call the **condition of cancer**. For instance, when the pH drops even by .1, the increase in acidity is interpreted by microbes already present in the body as a sign of a dead or dying body. This prompts pathogens, first viruses, then bacteria and finally virulent yeast and fungi to reduce the body to the dust from whence it came.

Apoptosis, a genetically determined form of cell death, is involved in fundamental processes of life, like embryonic development and immune defense. Defects in apoptosis cause severe diseases including cancer and degenerative disorders. Many pathogens actively modulate host cell apoptosis in the course of infection leading to a buildup of unhealthy cells that just will not die. Induction of apoptosis is an important mechanism by which infected, damaged and dangerous cells (cancer cells) are removed from the body.[2] Cancer, fungi and yeast cells release substances that interfere with the proper functioning of immune system cells so it's more than possible that cancer cells and infectious cells are the same cells.

Dietary factors, such as decreased intake of vitamins, minerals, calories, and protein can alter immune function. Poor nutrition makes the immune system less effective in recognizing and destroying germs. People who are malnourished are more apt to develop infections and to develop cancer. In today's world one can now be obese and be malnourished. Processed foods are stripped of essential nutrients. Nutritional deficiencies are a basic cause of cellular decline and cellular infection.

Given enough time, cancer will develop whenever there is a proliferation of damaged cells. When cells are damaged, when their cell wall permeability changes, when toxins and free radicals build up, when the mitochondria lose function ability in terms of energy ATP production, when pH shifts strongly to the acidic and when essential nutrients are absent cells eventually decline into a cancerous condition. We can see that when a person has cancer they are literally rotting inside. They are dying from the loss of function, gathering infectious forces, and losing strength from malnutrition as the cancer cells eat us out of house and home.

Genetic variations, which can predispose some people to cancer, may interact with environmental contaminants and produce an enhanced effect.

Dr. Heinrich Kremer writes, "The Nobel Prize winner Professor Watson, who together with Crick discovered the double helix of DNA in the nucleus, the most prominent promoter of the 1971 "War on Cancer" succinctly declared in 2003: '**First we have to understand cancer before we can cure it**'. The background to this sobering thought after decades of most intensive research efforts and a massive capital injection is the fact that the classic mutation theory of oncogenesis has been forever shaken by newer research. Under the mutation theory a tumor colony develops from a single 'degenerated' body cell that through uncontrolled division is thought to pass on identical DNA defects to all daughter cells. However, it has become apparent that each individual cancer cell, even within the same tumor of a patient, features a different genetic variation."

Cells are the building blocks of living things. Cancer is typically thought to grow out of 'normal cells' in the body. Normal cells multiply when the body needs them, and die when the body doesn't. Cancer appears to occur when the growth of cells in the body are out of control and the cells divide too rapidly. It can also occur when cells "forget" how to die. This is orthodox oncology's simplistic and inaccurate concept of cancer. It divides cells into only two categories – normal cells and cancerous ones. They are not allowing for any shade of cellular degeneration. This theory tells us nothing about the medical reason explained by Dr. Dannenberg. He says that as much as 40 percent of cancer is caused by infections.

Though chromosomal abnormalities are thought to be the cause of cancer we need to look deeper into what is really happening in cancerous tissues. For instance, we can look at DNA problems, which are creating the same type of problem that large drops in pH cause - weakening and deterioration of cell physiology. Any sign - whether it's DNA, pH acidic shifts, cellular malnutrition, mitochondria dysfunction or cell toxicity - **will create an open invitation for microbes to attack these weakened cells**. Sick cells cannot help but broadcast to the environment that they are decaying, rotting and on the road to cell death.

The majority of the cancer patients in this country die because of chemotherapy, which does not cure breast, colon or lung cancer.

This has been documented for over a decade. Nevertheless, doctors still utilize chemotherapy to fight these tumors.

Dr. Allen Levi The Healing of Cancer, 1990

Everyone agrees that cancer is an uncontrolled proliferation of cells. However, **it really does matter** whether we conceive of them as out of control fungi and yeast infections, or genetically triggered human cells. It matters because **our concept of cancer determines how we will approach its treatment**. We are in desperate need of a clear image of what cancer is and the process that leads up to it and causes it. What could be more important to the cancer world than this?

[1] www.earthtimes.org/articles/show/153851.html

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THE SIMONCINI TREATMENT OF CANCER

Source: Dr. Mark Sircus, *Sodium Bicarbonate: Rich Man's Poor Man's Cancer Treatment*

Breast Cancer Patient in Europe Shares her success with bicarbonate.

video.google.it/videoplay?docid=8718775950691314311

These videos reveal an astonishing truth about cancer and its safe successful treatment. For other videos see Dr. Simoncini's site at www.cancerfungus.com/ Doctors and medical scientists have made the mistake of assuming that fungal conditions develop **after** cancer treatment have begun. Researchers contend that cancer therapies, aimed at destroying cancer, also destroy the immune system of the patient leaving them vulnerable to yeasts and fungi, which multiply out of control. They consider these invading colonies to be "**secondary**" to the actual cancer.

Candida, and its many variants are not only the cause of cancer, they are the cancer. Cancer in great part is an invasion invited by deteriorating/rotting cells of yeast and fungi colonies. The 100 year old hypothesis that has led medical science in circles, that cancer are human cells multiplying without limit, turns out to be just another unproven theory that no one has demonstrated beyond a shadow of doubt. Dr. Simoncini insists that there is no evidence at all for the genetic hypothesis and this gets proven out with the fact that orthodox cancer treatments do not work out very well when you look at the beyond five year survival statistics. Modern orthodox oncology is a failure and every doctor knows this in his heart and soul.

CANCER IS A FUNGUS BY DR. SIMONCINI: BACK COVER

Source: <http://www.CancerIsAFungus.com>

Tullio Simoncini

CANCER IS A FUNGUS

A Revolution in Tumor Therapy

At the moment the constant, uniform, and implacable growth of a tumor is in no way affected by current oncological treatments. A recovery rate for cancer that fluctuates at around the 7% is mentioned in the classical books and treatises in spite of all the tricks and distortion of statistics. After making the necessary corrections, this amounts to virtually nil.

The rest is propaganda for orthodox oncology.

On the basis of the scientific considerations in this book which demonstrate that cancer is caused by fungal masses (of the *Candida* type), sodium bicarbonate is the only useful remedy that is now available for healing the disease.

Unlike antimycotics, sodium bicarbonate has a very high diffusion rate and is free of structural complexities that can be easily decoded by the fungi. It retains its capacity to penetrate into the masses for a long time, also and in particular because of the speed at which it breaks them down, which makes it impossible for them to adapt themselves sufficiently to defend themselves against it.

The basic principle of the treatment system is the administration of solutions with a high concentration of sodium bicarbonate (5%) directly onto the neoplastic masses.

The search for increasingly more effective techniques with which to get as close as possible to the tissues has brought Dr. Simoncini to *selective arteriography* (charting specific arteries using instruments) and inserting arterial *port-a-caths* (catheters with reservoir).

These methods allow a small catheter to be inserted directly into the artery supplying the neoplastic mass, so that high doses of sodium bicarbonate can be administered to the deepest corners of the body.

The treatment with bicarbonate must then be started immediately with high doses, in continuous cycles and without interruption for at least seven to eight days for an initial cycle in order to destroy the fungal colonies. It must be borne in mind here that a mass of 2 to 4 centimeters begins to get consistently smaller from the third to fourth day and collapses from the fourth to fifth day (the maximum dose per session is around 500 cc). It must be emphasized that the doses indicated, because they are harmless, are the same as those that have been used without any problems for over 30 years for a large number of other complaints such as:

- *Serious diabetic keto-acidosis.*
- *Cardio-respiratory resuscitation.*
- *Pregnancy.*
- *Hemodialysis.*
- *Peritoneal dialysis.*
- *Pharmacological toxicosis.*
- *Hepatopathy.*
- *Vascular surgery operations.*

Dr. Simoncini's method follows the 'classical' oncological approach by treating the cancer directly, even in an advanced state. The level of pain experienced during treatment is the same as that of an intravenous infusion and the procedure can be carried out at home. The average success rate for the method is 90%. Eighteen clinical cases treated are described in detail in the book. Because of the laughably low costs of the solution used,

the ease of use and above all because of **its success**, the method is now supported by more and more doctors.

For further information see:

www.cancerfungus.com

www.curenaturalicancro.org (in Italian).



EDIZIONI LAMPIS



THE CANCER MICROBE

Source: Dr. Mark Sircus, *Sodium Bicarbonate: Rich Man's Poor Man's Cancer Treatment*

A bacterium, Helicobacter pylori, has been found to cause stomach ulcers and since 2001 it has been seen as the cause of stomach cancers.

"Although bacteria can be identified in cancer, there are obviously other well-known factors that can induce cancer. These include sunlight in skin cancer, smoking in lung cancer, radiation-induced cancer, etc. But in each case it may require these ever-present bacteria to induce the cellular changes of cancer. The demonstration that these microbes are found within the cell and even within the nucleus (as shown by Irene Diller) indicates that these agents may access the genetic material of the cell. Thereby transforming the cell to a cancerous state," writes Dr. Alan Cantwell who insists that Cancer Is An Infection Caused By Tuberculosis-Type Bacteria.

This is a good representation but it implies linear cause and effect relationships, which we have to transcend to fully understand the condition of cancer. The obvious omissions above are nutritional deficiencies, toxic poisoning and the emotional/spiritual aspects of the disease.

"For more than a half-century, the cancer microbe has been reported as a pleomorphic, intermittently acid-fast bacterium closely related to the acid-fast mycobacteria and to Mycobacterium tuberculosis, the acid-fast microbe that causes tuberculosis (TB). The acid-fast stain is a time-honored laboratory stain specifically used to detect TB-type mycobacteria in tissue and in culture," writes Dr. Cantwell and you can see his microscopic slides in his above essay on a Youtube video. The bacterium's tenacity is perhaps the biggest mystery to tuberculosis researchers. It can linger in the lungs for decades after infection, apparently awaiting a slump in the body's defenses.

Leprosy & Tuberculosis - Both of these diseases are listed as a **"mycobacterium"**. **Myco means fungal and bacterium is a bacteria.** As we already know hybrid mycobacterium's can be very deadly. Leprosy is called 'mycobacterium leprae'. The three major mycotic lung infections are histoplasmosis, coccidiomycosis, and blastomycosis. The fungal agent in each case is dimorphic: exists in nature as mycelium (mold) that bears infectious spores, which enter host and develop into a yeast-like phase that is the tissue pathogen.

Humanpapilloma virus (HPV) is known to cause cervical cancer.

Dr. Virginia Livingston, Dr. Cantwell's mentor, claimed that all human beings carried cancer microbes; and she postulated these microbes were closely connected with the origin of life. In the healthy state these microbes caused no harm and were beneficial. However, when the immune system was weakened, these bacteria were capable of inducing a variety of human illnesses, including cancer.

The main focus in **Winning the War on Cancer** is on yeast and fungal infections yet TB shows us that there are forms of bacteria that border on the world of fungi. We will see in another chapter that the world of pathogens is fluid with viruses, bacteria and fungus all getting into the act together. When

things go wrong in the body we have to deal with multi-levels of pathogens that increase themselves at our expense.

Candida albicans, a normal component of the mammalian gastrointestinal flora, is responsible for most fungal infections in immunosuppressed patients. Allopathic medicine has a strange relationship with fungal and yeast infections and doctors are not required to report fungus caused diseases or deaths. With their obsession with bacteria and viruses they ignore fungus even to the point of denying their existence. Worse, doctors contribute to the dangerous *Candida* overgrowth by prescribing cortisone, birth-control pills and antibiotics. All of which either partially or totally destroyed our fungal immune system. Perhaps this is the foundational reason why medicine ignores *Candida* overgrowth. It is hard to admit something you are causing.

What is the fungal immune system? Initially in an adult it is about 4-8 lbs of friendly bacteria in the lower gut. This comprises about 85% of all organisms in the bowels. The remaining 15% is fungus. It takes this ratio to keep the fungus in check. This is why probiotics are so important when treating most diseases and certainly after taking a round of antibiotics, which kill off friendly intestinal bacteria.

Fungi are very aggressive because they protect themselves by producing deadly mycotoxins with which they overpower their bacterial brethren. Remember penicillin is mold! Scientists discovered that fungus is a natural enemy of bacteria and have used different varieties to kill off unwanted or dangerous bacteria ever since. But this process badly backfires on us and this is what allopathic medicine has yet to understand. When we use fungus to make antibiotics we unleash inside of us these deadly mycotoxin poisons. This destroys whole colonies of friendly bacteria, which ends up increasing the load of fungus in our bodies.

Once the fungus takes over the bowels they migrate upward until reaching the small intestine and they start to bore through the intestinal walls helping to create what is called leaky gut syndrome. They can invade the stomach and even work their way up into the mouth where their presence is called Thrush. The problem is that these yeasts get everywhere. In the very late stages of yeast infection they become concentrated in tumors which grow and kill us by both starving and crowding out our human cells.

When the small intestine and stomach become filled with fungus, digestion is interfered with. This means that our organs and glands are deprived of the basic nutrition they require for health existence. Yeasts are aggressive alien invaders invited into us in great numbers by allopathic medicine's obstinate use of dangerous antibiotics. This, unfortunately, has no real idea how badly things can go for us when we take antibiotics. In the next chapter we will explore this question in great depth.

The US Centers for Disease Control (CDC) has just released "the first report ever done on adverse reactions to antibiotics in the United States" on 13 Aug, 2008. This is "the first report ever on the dangers of antibiotics even though antibiotics have been widely used since the 1940s. It is astounding that it has taken CDC so long to seriously study the side effects of these drugs. It is now apparent that there have been decades of an undeserved presumption of safety. **Antibiotics can put you in the emergency room.** Common antibiotics, the ones most frequently prescribed and regarded as safest, cause for nearly half of emergencies due to antibiotics.[1]

Most people currently believe cancers are caused by the activation of oncogenes – genes that predispose the individual toward cancer. But, this theory was called into question by its original

proponent. Dr. Robert A. Weinberg of Massachusetts Institute of Technology (MIT), the discoverer of the so-called oncogene (cancer-causing gene), reversed himself almost ten years ago. After discovering that "less than one DNA base in a million appears to have been miscopied," he concluded that is not enough of a defect to mutate the cell! He stated: "Something was very wrong. The notion that a cancer developed through the successive activation of a series of oncogenes had lost its link to reality."

[1]Allergic reactions to antibiotics may be very serious, including life-threatening anaphylactic shock. Searching the US National Library of Medicine's "Medline" database for "antibiotic allergic reaction" will bring up over 9,700 mentions in scientific papers. A search for "antibiotic anaphylactic shock" brings up over 1,100. Many papers on this severe danger were actually published before 1960. Given this amount of accumulated information, one might wonder why CDC took so long to seriously study the problem. Overuse of antibiotics leads to antibiotic resistance. At its website, CDC currently states that antibiotic resistance "can cause significant danger and suffering for people who have common infections that once were easily treatable with antibiotics. . . Some resistant infections can cause death." In the USA alone, "over 3 million pounds of antibiotics are used every year on humans . . . enough to give every man, woman and child 10 teaspoons of pure antibiotics per year," writes Gary Null.

BICARBONATE (BAKING SODA) CANCER TREATMENT

Source: Dr. Mark Sircus, *Sodium Bicarbonate: Rich Man's Poor Man's Cancer Treatment*



We can thank Dr. Ralph Moss for bringing to our attention that for more than a decade there has been work going on at the University of Arizona, using bicarbonate (baking soda) as a potential treatment for cancer. Robert J. Gillies and his colleagues have demonstrated that **pre-treatment of mice with sodium bicarbonate results in the alkalinization of the area around tumors. (Raghunand 2003) This type of treatment has been found to "enhance the anti-tumor activity" of other anticancer drugs.** This is very similar to the recently published research of injecting O₂ directly into tumors where such direct administration of Oxygen also facilitated the action of chemotherapy.

This year these same researchers reported that bicarbonate increases tumor pH (i.e., make it more alkaline) and also inhibits spontaneous metastases (Robey 2009). **They showed that oral sodium bicarbonate increased the pH of tumors and also reduced the formation of spontaneous metastases in mice with breast cancer. It also reduced the rate of lymph node involvement.**

Though Dr. Moss is not a big fan of Dr. Simoncini he found it striking that the oral administration of bicarbonate was able to reduce the spontaneous formation of metastases in mice with breast cancer saying, "This is impressive work that needs to go forward." This is in contrast to what you will find referenced[1] as to his and his staff's feelings about the good doctor from Rome. Sodium bicarbonate

has been used for decades in chemotherapy but until the last few years baking soda has received little attention. Now as Moss maintains there are fifty thousand web sites with information on the subject.

It is dismaying how ostensibly Dr. Moss and others treat Dr. Simoncini and his theories. One of the obstacles for many people is Dr. Simoncini's declaration that cancer is a fungus. There is little dispute that cancer is an ACID condition or can be measured in terms of tumor pH. Previous research has found that cancers are significantly more acidic than normal tissues and that manipulation of pH with intravenous bicarbonate enhances some chemotherapy. Acidic tissues are low in oxygen. When alkalinity increases the supply of oxygen to the cancerous tissue, the oxygen combines with the excessive hydrogen ions, creating water and neutralizing the acid.

Bicarbonate is the universal mainstream treatment of acidosis and is used by oncologists to neutralize the heavy acid nature of their chemo agents, which are quite dangerous to the patient. It is also used routinely in many clinical situations:

- 1) Severe diabetic ketoacidosis[2]
- 2) Cardiopulmonary resuscitation[3]
- 3) Pregnancy[4]
- 4) Hemodialysis[5]
- 5) Peritoneal dialysis[6]
- 6) Pharmacological toxicosis[7]
- 7) Hepatopathy[8]
- 8) Vascular surgery operations[9]

Medics and doctors are used to participating in a flurry of activity when trying to save a person who's had a cardiac arrest -- inserting IVs, placing a breathing tube, performing defibrillation to restart the heart. Sodium bicarbonate is a constant performer under such conditions and is more commonly used than magnesium injections, which should be on top of every doctor's protocol for cardiac arrest.

We can certify bicarbonate's usefulness for cancer patients from a number of different angles without pinning all our hopes on the fungus thesis. When doctors like Moss tear down the "cancer is a fungus" theory they conveniently forget to inform their readers that even mainstream oncologists recognize the routine involvement of late stage infections in cancer and that experts concede that as high as forty percent of cancers are caused by pathogens.[10]The most recent research in this area demonstrates how even viruses can be responsible for up to fifty percent of certain types of cancers.[11]

I have written several chapters on the subject of fungus and late stage infections for this book and it is obvious that there is no simple definition of cancer. But.....this is probably the biggest but in the medical world; we can in fact reduce cancer to an image level. One has to admit that cancer is a rot that is destroying the body and will kill it left unchecked. When the body is rotting, when its cells are demonstrating dire distress, when certain colonies of cells reproduce without stop and change their type of metabolism we have a certain condition that takes shape and form depending on where the cancer is and what is causing it.

No matter where we would like to drop our concepts and numerous names for different kinds of cancer it should be obvious that - like any type of rot - pathogens will be attracted and in late stages the fungi colonies will rule the roost. Whether cause, effect or byproduct of the fungi, mold and yeasts

like Candida will be found in evidence. Dr. Simoncini intelligently observed that, "Over acidification of the body leads to the development of chronic yeast and fungal infections and ultimately cancer."

Cancer is, fundamentally, a relatively simple oxygen deficiency disease and the use of bicarbonate increases oxygen carrying and reaching capacity.

It is dull though, not to include even deeper definitions of cancer. If someone wants to say cancer is a fungus he might as well say cancer is a nutritional deficiency and relative state of poisoning. One is not likely to fall to cancer if one's body is humming in a heightened state of nutritional sufficiency and that includes full hydration and plenty of healthy sun exposure. Add plenty of restful sleep, relaxed conflict free existence and a pristine environment (something that does not exist anymore on our planet sadly) then we can start talking about health. One must include freedom from dental amalgam, fluoride, chlorine and vaccines to talk about health and a cancer free existence.

Cancer is not so easy to define because it defines modern man. Humanity is in deep trouble with cancer for we are in deep trouble with ourselves and our civilization.

There are no real medical precedents to draw on when it comes to the use of sodium bicarbonate; it is that useful, safe and effective for a wide range of illnesses. But it seems that much of the medical debate over its use has more to do with illogical thought processes than reality, that is at least what sociologists are finding or saying in the public debate about universal health care. People often work backward from a firm conclusion to find supporting facts, rather than letting evidence inform their views.

A totally rational person would evaluate objectively the pros and cons of sodium bicarbonate and its use in cancer treatment but even the best professionals get attached to their beliefs. We form emotional attachments that get wrapped up in our personal identity and sense of medicine and health irrespective of the facts of the matter making our theories more potent than pragmatic answers.

Just about everybody is vulnerable to the phenomenon of holding onto our beliefs even in the face of evidence to the contrary. It is a challenge to reevaluate world views and medical belief systems but we have to do it to continue to be of service to our patients. Patients depend on us to offer the latest and the best information. Our egos do get in the way though, and some doctors are known for their great egos.

No matter what your ego says, the world of fungi and all the problems they bring are important in medicine. Sodium bicarbonate's action dramatically changes the intracellular environment and this is wonderful when conditions are acidic.

Its action is, for all intent and purpose, instant and as a cancer treatment a course runs about two weeks, which can be repeated. Some people are able to kick cancer off their back in one round though we can well see that for many it will be several rounds or constant rounds and of course maintenance rounds. In the end though bicarbonate is not a healthy alternative or substitute for an alkaline diet and good alkaline water.

Sodium bicarbonate - that simple white stuff called baking soda we can buy in any supermarket in the world is a world class anti-fungal.

You want to punch a late stage infection of any kind in the face? Use sodium bicarbonate. You want to wipe out fungal, yeast or mold colonies baking soda is your number one bet and every good doctor knows this. If we have fallen to cancer we can make ourselves good fungi fighters with bicarbonate in our hand and that is exactly what Dr. Simoncini does with the stuff. He uses it like a fire extinguisher spraying tumors as well as he can with it as directly as he can, though when used orally and transdermally it reaches cancers in all parts of the body through systemic effect.

Traditional anti-fungal drugs are ineffective in treating tumors because the solid colonies can be attacked only on the surface of their volume, and after the first administrations they become resistant. A solid tumor with fungal infection is powerful and they resist attack and adapt quite readily to pharmaceutical drugs. After all fungi love to chew on rocks and they eat mercury for breakfast so you got to hit them correctly in a all out frontal attack with sodium bicarbonate.

Dr. Simoncini is the medical genius who has identified the substances uniquely able to penetrate these volumetric tumors: for cancer of the internal organs it is sodium bicarbonate; and the best substance to eliminate skin cancer is iodine when it is spread onto the growth.

Other doctors use iodine internally in high doses and this does have the same effect on internal cancers. Combine with bicarbonate and we have two panzer divisions we are letting loose to mop up cancer no matter where we find it in the body.

Bicarbonate, when used in conjunction with other equally safe substances, can form the basis for a natural chemotherapy, which will prove itself in the end compared to vastly more toxic interventions. Everyone knows in their gut the horrors that await those who travel down the chemo, surgery and radiation roads. Why travel down these pits to hell when safer, vastly more inexpensive, natural and potentially highly effective answers like sodium bicarbonate are there on the supermarket shelves for the taking?

[1] www.cancerdecisions.com/content/view/228/2/lang.english/

The below statements by Louise Lubetkin, the Research Director of The Moss Reports, were bought to my attention in November of 2007.

"Dr. Simoncini is a charlatan who is currently the subject of a serious lawsuit in Italy. Dr. Moss investigated this matter through his many colleagues and friends in the medical field in Italy earlier this year and discovered that there is no plausible basis for the claims that Simoncini has made."

I responded back with:

Interestingly I just started reading **Complementary Oncology** by Dr. Moss. I am going to make these comments of yours public and I would like you and your organization to publicly substantiate your statements. Are you just trying to smear another doctor or are you throwing out sodium bicarbonate as a incredibly useful emergency medicine? This is not clear. Bicarbonate is used in emergency rooms and intensive care wards around the globe so not sure what your beef is with a doctor who champions

its use. I sent my research assistant recently to meet him and I know of several doctors who have done the same and they all report good things about both him and his work.

I am a very sensitive to how people project themselves and the way you have communicated your organization it is you who seem to be what is disturbing you about Dr. Simoncini...meaning you seem to be the charlatans and it might be you who have a law suit aimed at your statements. It really is hard for me to believe someone from Dr. Moss's organization would communicate in the way you did.

Louise's responses to the above letter are again in red, my comments are in blue.

"I am reliably informed that Mr. Simoncini has been erased from the Medical Register in his native country and is no longer permitted to practice medicine."

Yes I am well aware of this and what does this have to do with the price of beans? Medical truth and medical science happens to be independent of medical politics or medical law. For many doctors that I know this above fact would position Dr. Simoncini in a strong not weak position and you insult him further by calling him Mr. They can take away his license to practice medicine but they cannot undo his education and the respect due him and the fact that he is a doctor and has been and will be until he dies.

"I am also not aware of any evidence whatever that cancer is caused by a fungus, which is the fundamental tenet underpinning Simoncini's assertions."

I think you got it slightly wrong, he indicates cancer is a fungus not that it is caused by it. What causes cancer is diverse, many things have been scientifically shown to cause cancer or cause the conditions in which late state infections (cancer) invite yeast and fungi to form colonies that attach to sickly human cells...which are themselves one of the causes of cancer...as are heavy metals, pesticides, fluoride and on and on.....then of course we have the nutritional deficiencies that set the entire stage. Don't you know anything about cancer? We even have people who define people as multidimensional human beings meaning that sometimes or even often emotional trauma and shock or never ending stress and conflict disrupt the immune system severely weakening its ability to clear cancers from the system.

"While bicarbonate is undoubtedly a useful and legitimate instrument of therapeutic good in certain specific situations, it is not and never has been shown to be an effective approach to cancer, Simoncini's assertions notwithstanding."

Well it is clear you are biased because you will not even accept his word for his own life's work. Everyone I know who has listened to the man in person has respect for him. Your obvious disrespect has earned the Moss Organization distrust in my eyes. Dr. Simoncini has clearly shown to many that sodium bicarbonate has to be on that protocol list and medical science supports him. As you yourself say, "Of course sodium bicarbonate is a very useful and medically proven remedy for all manner of accidents, injuries and circumstances." That word circumstances though hides quite a bit

"You can read about the case that led to the conviction for fraud and manslaughter, as well as the revocation of Simoncini's medical license here:"

Did not help much that it was in Italian but again here you show your undignified bias but let's say for

a moment that I agree with you. If every oncologist was put to the same litmus test they would all be on death's row for they would have all been convicted for multiple homicides for the vast majority of oncologists patients die on them. Mass murderers it looks like you would condemn them to be and I have to agree with you here. Dr. Moss himself says, "Real improvements in overall survival for the solid tumors of adults are rarely demonstrated in rigorous trials with chemotherapy." So could you please tell me if that inclines you and Dr. Moss to judge and condemn all orthodox oncologists as you do Dr. Simoncini?

What I can't believe is Moss' organization is not even appearing willing to take a critical look at the evidence supporting the fact that cancer can be a fungus. They just dismiss it outright.
Claudia French RN

In the judgment against Dr. Simoncini he was admonished to not abandon recognized therapies and that he should not suggest that bicarbonate could offer patients good results without providing documentation and publications recognized by the international scientific community. Unfortunately the international medical and scientific communities in the cancer area are the last people we can trust with our or our loved ones lives when it comes to cancer.

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[10]"I believe that, conservatively, 15 to 20 percent of all cancer is caused by infections; however, the number could be larger -- maybe double," said Dr. Andrew Dannenberg, director of the Cancer Center at New York-Presbyterian Hospital/Weill Cornell Medical Center." Dr. Dannenberg made the remarks in a speech in December 2007 at the annual international conference of the American Association for Cancer Research.[1] And if omitting infections as a cause of cancer is not bad enough nowhere in Watson's article do we see mention of:

[11]A sexually transmitted virus that causes cervical cancer is also to blame for half of all cases of cancer of the penis news.yahoo.com/s/nm/20090824/hl_nm/us_cancer_penis

STUDY: BICARBONATE INCREASES TUMOR PH AND INHIBITS SPONTANEOUS METASTASES

Source: Arizona Cancer Center, University of Arizona, Tucson, Arizona. Department of Pharmacology, Wayne State University, Detroit, Michigan. H. Lee Moffitt Cancer Center and Research Institute, Tampa, Florida

Ian F. Robey, Brenda K. Baggett, Nathaniel D. Kirkpatrick, Denise J. Roe, Julie Dosescu, Bonnie F. Sloane, Arig Ibrahim Hashim, David L. Morse, Natarajan Raghunand, Robert A. Gatenby, and Robert J. Gillies

Study Download: <http://www.curenaturalcancro.com/pdf/bicarbonate-increases-tumor-ph-and-inhibits-metastases.pdf>



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Abstract

The external pH of solid tumors is acidic as a consequence of increased metabolism of glucose and poor perfusion. Acid pH has been shown to stimulate tumor cell invasion and metastasis in vitro and in cells before tail

vein injection in vivo. The present study investigates whether inhibition of this tumor acidity will reduce the incidence of in vivo metastases.

They show that oral NaHCO₃ selectively increased the pH of tumors and reduced the formation of spontaneous metastases in mouse models of metastatic breast cancer. This treatment regimen was shown to significantly increase the extracellular pH, but not the intracellular pH, of tumors by ³¹P magnetic resonance spectroscopy and the export of acid from growing tumors by fluorescence microscopy of tumors grown in window chambers.

NaHCO₃ therapy also reduced the rate of lymph node involvement, yet did not affect the levels of circulating tumor cells, suggesting that reduced organ metastases were not due to increased intravasation.

In contrast, NaHCO₃ therapy significantly reduced the formation of hepatic metastases following intrasplenic injection, suggesting that it did inhibit extravasation and colonization. In tail vein injections of alternative cancer models, bicarbonate had mixed results, inhibiting the formation of metastases from PC3M prostate cancer cells, but not those of B16 melanoma. Although the mechanism of this therapy is not known with certainty, low pH was shown to increase the release of active cathepsin B, an important matrix remodeling protease.

Source: Cancer Res 2009;69(6):2260–8 | PMID: 19276390 [PubMed - in process]

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