

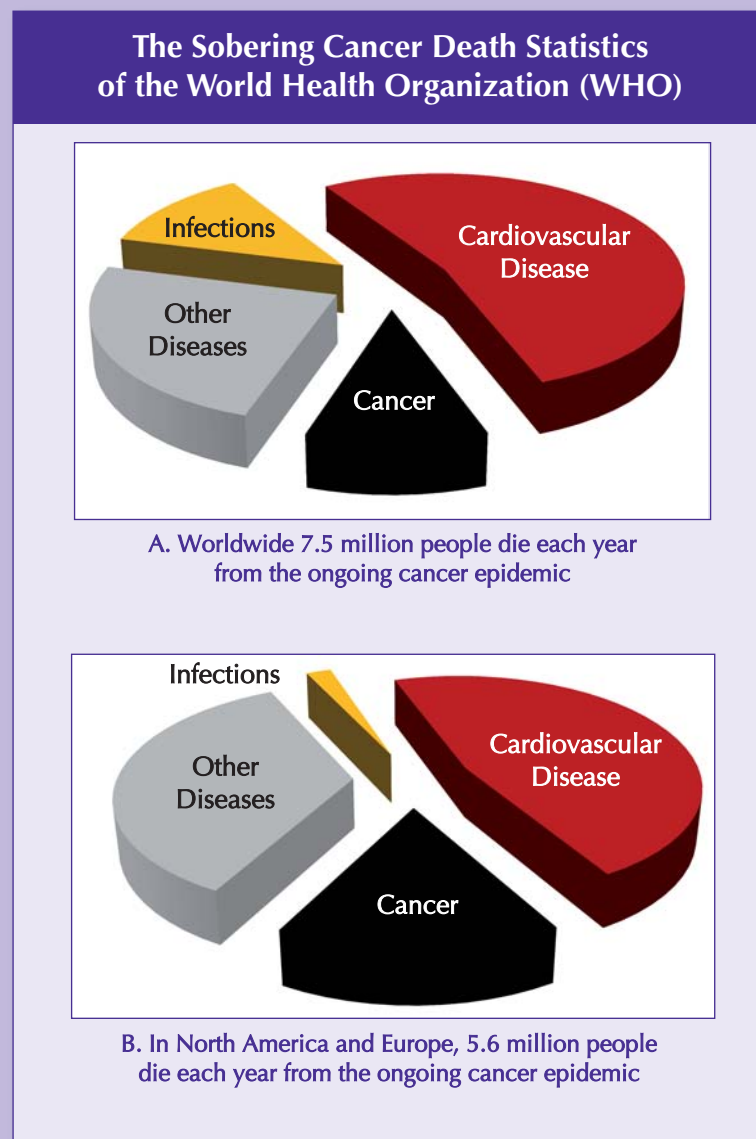
I. | Facts No One Can Ignore Any Longer

Fact #1: Cancer Is the Third Largest Cause of Death in The Industrialised World

- At the beginning of the 21st Century, the cancer epidemic remains one of the largest killers on our planet.
- According to the World Health Organization, 7.5 million people worldwide die each year from cancer. This number is only slightly behind the number of deaths from infectious diseases.
- In the US, Canada and Europe, the numbers are even more staggering – 5.6 million people die here from cancer each year. This means that every third man and woman in the communities across North America and Europe dies from this disease.



Most importantly, every number in these statistics means a human life lost.



Reference: WHO Mortality Statistics for 2008

The Dimension of the Cancer Epidemic

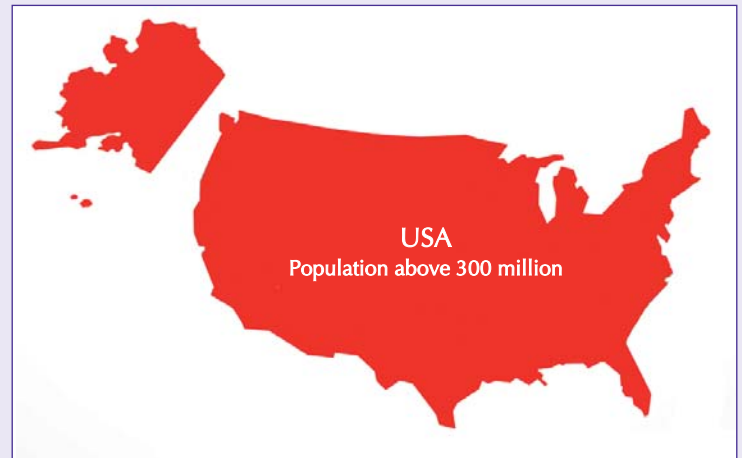
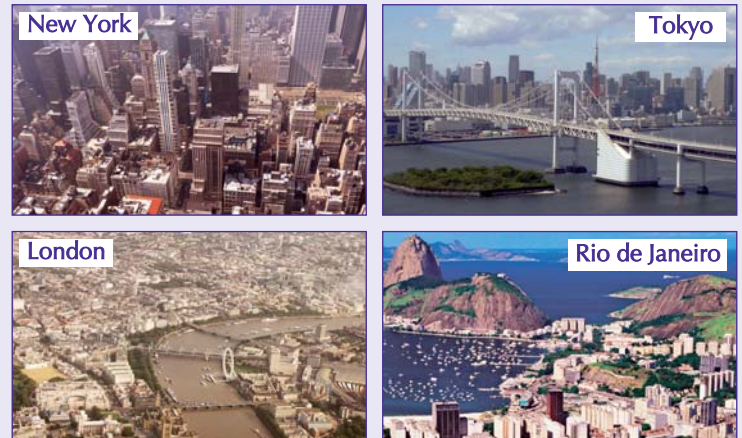
At the beginning of the 21st Century, cancer remains one of the largest epidemics of mankind. It is almost impossible to demonstrate the entire magnitude of this epidemic. What we can do to visualise its dimension is to take the number of cancer patients who die each year – and compare it to the population of the world's largest cities.

Every year the cancer epidemic takes the lives of 7.5 million patients worldwide. In comparison, here are the current population numbers for some of the world's largest metropolises: Tokyo 8.9 million, Mexico City 8.9 million, New York City 8.4 million, Lagos (Nigeria) 8 million, London 7.8 million, Lima (Peru) 7.6 million, Hong Kong 7 million, Bangkok (Thailand) 7 million, Cairo (Egypt) 6.8 million and Rio de Janeiro (Brazil) 6.3 million.

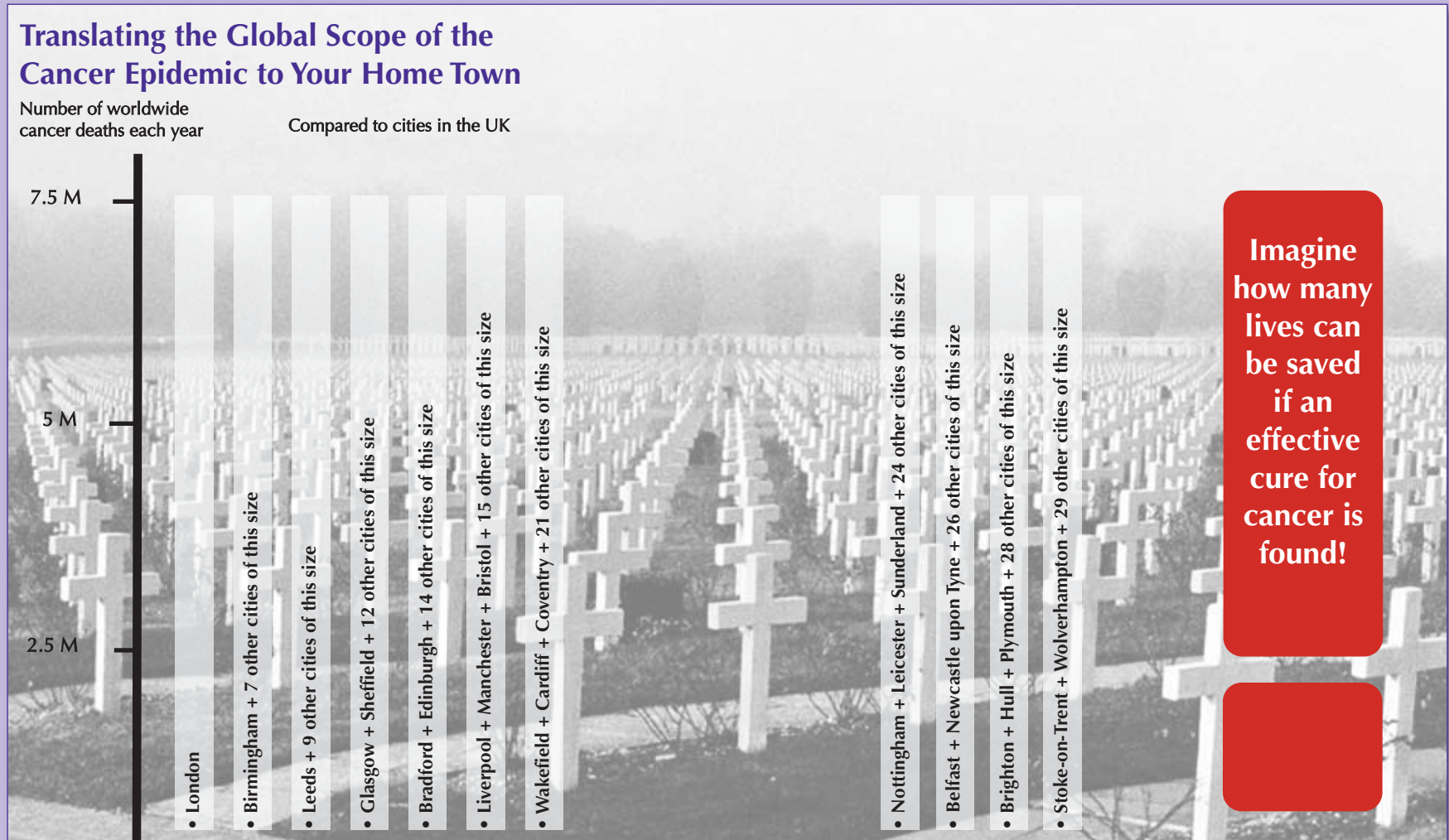
Imagine you are living in one of these giant cities. You have to drive for hours to get from one end of the city to the other. And all those people living in every street of this city disappear each year as the result of this unconquered epidemic. Over the past half century more than 300 million people have died from cancer – this translates to the eradication of the entire population of the United States of America.

Besides the unimaginable cost of human life there is a strangulating economic burden associated with this disease for every patient, community and country. The global costs for oncology drugs in 2010 alone was 56 billion US dollars. The economic impact of the cancer epidemic – excluding all medical costs – was even more staggering: With 895 billion US dollars, cancer had by far the greatest economic toll among all diseases. We will provide more details in part 2 of this book, chapter IV.

Visualising the Dimension:



Every year the cancer epidemic takes the lives of cancer patients in numbers corresponding to the inhabitants of some of the world's largest cities. Over the past half century – during the age of 'chemotherapy' – the number of patients killed from the cancer epidemic equals the entire population of the United States of America.



On the previous pages we compared the scope of the global cancer epidemic to large cities. But cancer happens where you live – in every community in the country. On this page, we therefore compare the number of people dying each year from cancer globally to the population of major UK cities – possibly includ-

ing your hometown. In the above graph every column totals to the approximate number of people who die each year from cancer. We created this chart not only to emphasise the dimension of this disease but – above all – to underscore the urgency to find a solution to it!

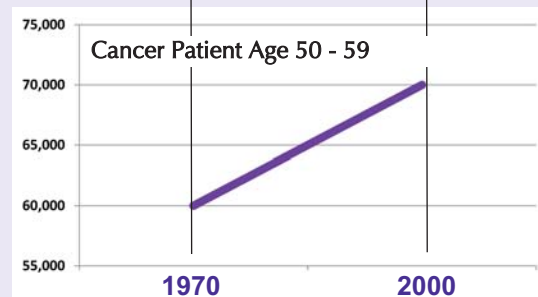
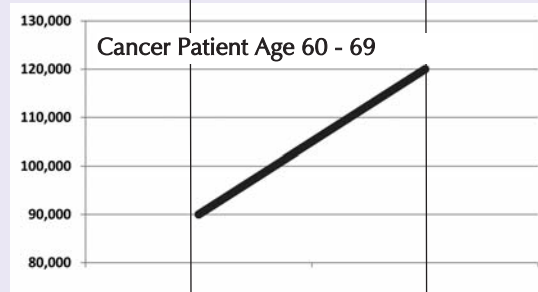
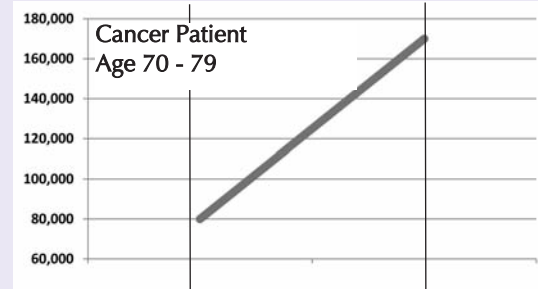
Fact # 2: The Cancer Epidemic Is Still Expanding – Despite All Media Hype About Medical 'Breakthroughs'

What does this mean?

- If a disease still increases, it means that the mechanisms for its control have not yet been discovered or they are not being applied in the medical practice.
- Conventional approaches like chemotherapy and radiation – that have been used on cancer patients for over half a century – have obviously failed to curb the cancer epidemic.
- Thus, chemotherapy and radiation can no longer be considered a credible answer to the cancer epidemic.
- Therefore, there is an urgent need for new, effective approaches to control the cancer epidemic!



Increase in Cancer Deaths (Mortality) From 1970 to 2000 in Different Age Groups



Statistics for USA; data for developed countries are comparable.
Source: Journal of the American Medical Association, 2005.

Fact # 3: The Therapeutic Goal of Chemotherapy And Radiation Is to Kill Cancer Cells by Intoxicating the Entire Body

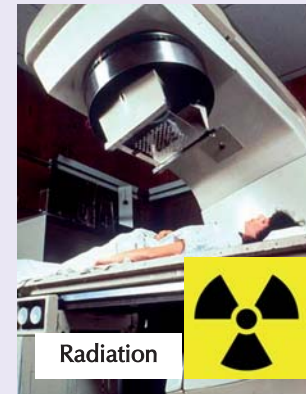
Radiation and chemotherapy – which have been used by conventional medicine for more than half a century to fight cancer, have one common ‘therapeutic’ effect: they kill cancer cells and billions of healthy cells alike. These highly toxic procedures indiscriminately damage all cells in the body of patients and have, therefore, been compared to a ‘shotgun’ approach.

To make things worse, chemotherapy affects particularly those healthy cells in our body that are multiplying rapidly, such as the white blood cells of the immune system. Thus, when the body of a cancer patient has the greatest need for effective defence, the immune cells are being systematically destroyed by highly toxic procedures.

Even a lay person can understand that if medicine has to resort to ‘shotgun’ approaches, this means only one thing: the causes and pathways of the disease are not properly understood so that effective therapies could not be developed that specifically target abnormal cells, e.g., cancer cells.

Any ‘shotgun’ approach to a disease reflects the desperation on the part of medicine itself. To deceive the patients and provide false hope, conventional medicine uses the terms ‘chemo-‘therapy’ and radio-‘therapy’ – when actually no effective ‘therapy’ is available. The past half century of conventional cancer therapy can only be described as a failure.

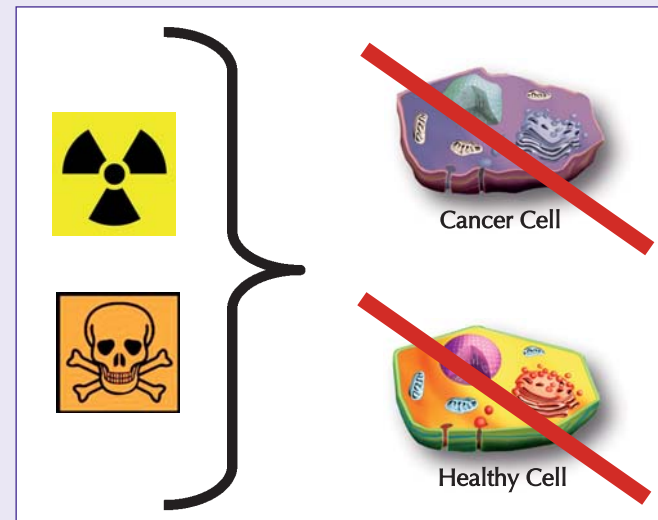
Deadlocks of Conventional Cancer Therapies



Radiation



Chemotherapy



Both radiation and chemotherapy kill cancer cells and – at the same time – healthy cells in the body of cancer patients.

Fact # 4: Chemotherapy Is Extremely Toxic

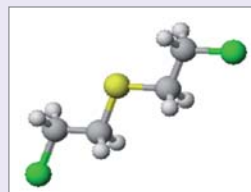
A whole array of highly toxic chemicals are being applied to millions of cancer patients around the world with the alleged promise to cure cancer, hence the term ‘Chemo-Therapy’. Among these substances are some of the most toxic chemicals known to man. The first chemotherapy drug was directly derived from ‘mustard gas’, a chemical warfare agent used in World War I as a weapon! Derivatives of this deadly gas are still being used today in cancer patients as mechlorethamine, cyclophosphamide, chlorambucil and ifosfamide.

Besides these derivatives of mustard gas, there are several other groups of highly toxic chemicals applied to cancer patients. The common denominator of all these chemicals is that they damage the molecules of inheritance (DNA) in the cell core and interrupt other essential biological processes in every cell of the body.

The toxicity of chemotherapy is also reflected in the ‘safety precautions’ for cancer patients published by the ‘American Cancer Society’. Even health professionals are being reminded about the health risks they are exposed to while handling chemotherapy drugs. These risks include damage to their DNA, birth defects, development of new cancers and organ damage. Thus, health professionals have to “wear special gloves, goggles, and gowns when preparing and giving chemotherapy” (www.cancer.org).

These chemicals are toxic and dangerous to others even after they are excreted through the skin, urine, stool, even tears, semen and vaginal fluid. The people at particular risk include family members, caregivers and literally anyone touching a chemotherapy patient.

The Horrific Toxicity of Chemotherapy



Mustard gas molecule. About one third of the soldiers exposed to it in WWI died.



Health professionals handling chemotherapy must wear extremely thick gloves to protect themselves from toxic damage (left). The picture on the right shows damage caused by chemotherapy substance spilled on an unprotected hand.



Entire companies flourish on the sales of protective gear and waste disposal devices for the chemotherapy business.

Damaging Side Effects of Chemotherapy

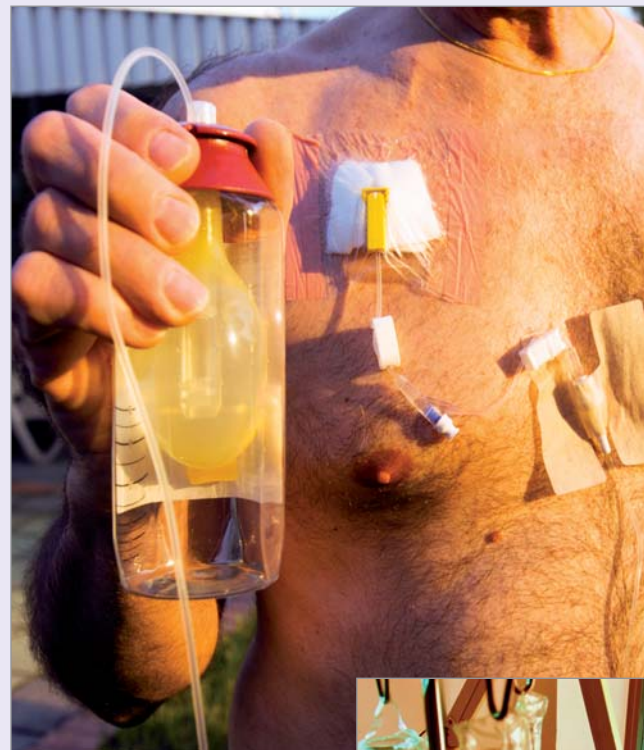
Most other infusion drugs are being applied to the patient via the arm veins. However, this application mode is not possible for most chemotherapy drugs because the chemicals would instantly 'burn' the blood vessel walls, leading to severe tissue damage and inflammation.

To apply these substances to the cancer patient, nevertheless, a special infusion device has to be used, the 'Hickman Catheter.' This special catheter is inserted directly into the superior vena cava, one of the largest veins of the body, that is located close to the right heart atrium. Because of the large diameter of this vein (about 1 inch), the highly concentrated chemical substance does not get into direct contact with the blood vessel wall and is being diluted with the blood stream directly into the right heart ventricle.

With these toxic substances circulating in the body for many hours, even days, with the destruction of cells being the desired therapeutic target of these chemicals, it is no wonder that 'chemotherapy' causes severe side effects in the patients, including:

- Destruction of the bone marrow, the site of blood cell formation, resulting in
 - Impaired immune system
 - Increased rate of infections
 - Anemia
 - Excessive bleeding
- Organ damage
 - Heart damage, shortness of breath, edema, arrhythmia
 - Lung damage, breathing problems, fever
 - Liver damage and failure
 - Kidney damage and failure
 - Damage to brain, memory loss, decreased mental function, depression
- Vision and hearing impairment
- Damage to the entire digestive system, ulcers in mouth, vomiting, diarrhea
- Infertility
- Weight loss, anorexia
- Hair loss
- Triggering the growth of new cancers anywhere in the body
- Death

Introducing the 'Hickman'-Catheter



Hickman Catheter:

Most chemotherapy drugs are so toxic that they need this special device to be delivered into the patient's body.



Why Cancer Patients Voluntarily Subject Themselves to Such Toxic Procedures

While reading the previous pages, you, our readers, may have asked yourself the question: how is it possible that anyone would voluntarily allow such toxic chemicals to be injected or infused into the body?

Even more, how can it be that mankind as a whole could allow the intoxication of the human body to become the universal standard ‘therapy’ for cancer for more than half a century.

The answer to this question is sobering: A patient who associates the diagnosis ‘cancer’ with the worst outcome – death – is instantly put into a psychological state of fear and despair. This, in turn, renders this patient susceptible to accept any ‘therapy’ – even if that treatment itself is potentially deadly – as long as the threat of certain death is being delayed for only a short time.

What makes things worse is the fact that for many types of cancer it is already established that chemotherapy does not prolong the life of cancer patients at all. This includes prostate cancer, skin cancer (melanoma), bladder cancer, kidney cancer, pancreatic cancer and others. Patients with these types of cancer who received chemotherapy have the same limited life expectancy as those who don’t.*

* www.ncbi.nlm.nih.gov/pubmed/15630849

The Psychological War With the Cancer Epidemic

- 1. The fear of death from cancer is a precondition for the acceptance of potentially deadly treatments like chemotherapy.**
- 2. As long as cancer remains essentially a ‘death sentence’ the investment business with toxic chemotherapies will continue.**
- 3. Any medical breakthrough that will turn cancer into a manageable disease will, inevitably, remove the ‘death sentence’ associated with this disease – and thereby destroy the fatal dependency of millions of patients on toxic chemotherapy.**
- 4. Considering the fact that cancer has remained a ‘death sentence’ for more than half a century, there exists an objective and immediate need for new scientific directions that will also end the ‘psychological war’ with the cancer epidemic.**

Fact # 5: Toxic Chemotherapy Drugs Boost Multi-Billion Dollar Sales of Other Drugs

The toxicity of chemotherapy agents damages not only a few organs in our body, but all organs and cell systems. For most patients, every cycle of chemotherapy is associated not only with severe pain, but with a multitude of new health problems. Some of these 'side effect diseases' continue for their entire lives – e.g., irreversible organ damage.

To cope with these side effects of chemotherapy, a series of drugs are being prescribed in order to alleviate the symptoms of these 'side-effect diseases.' The most frequent categories of prescription drugs applied to cancer patients during and after chemotherapy include:

- **Different types of antibiotics** prescribed against frequent infections resulting from the damaged immune system.
- **Painkillers, including morphine**, to alleviate the unbearable pain often associated with the chemical intoxication of the human body.
- **Steroids and all other inflammatory drugs** to alleviate systematic inflammation of joints and other organs from toxic chemotherapy.
- **Antidepressants and other psychiatric drugs** prescribed to help patients cope with the traumatic physical and psychological consequences of chemotherapy.

Moreover, countless medical procedures are being performed on cancer patients in an attempt to repair the severe damage caused by chemotherapy drugs. Among them are transplants of bone marrow, liver, kidneys and other organs.

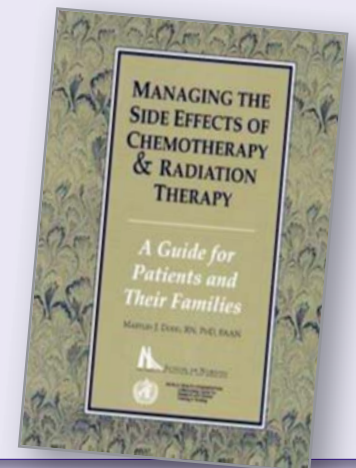
New Cancer Drug Markets for a Multitude of 'Side Effect Diseases'

The Toxicity of
Chemotherapy
Creates the
Need for Even
More Drugs

- **Painkillers**
- **Steroids/Cortisone**
- **Other Anti-Inflammatory Drugs**
- **Antibiotics**
- **Blood Transfusions**
- **Antidepressants**
- **Many Other Drugs**

The toxicity of chemotherapy triggers a myriad of 'side effect diseases' which are treated with a multitude of prescription drugs and intensive medical procedures.

Right: Over the past decades, several handbooks were published for patients and nurses about managing the side effects of chemotherapy and radiation therapy.



Fact # 6: Many Pharmaceutical Prescription Drugs Can Cause Cancer

We have just learned that the toxic side effects of chemotherapy require even more prescription drugs to alleviate the so-called ‘side effect diseases’. What you should also know is that almost half of all the substances listed by the US government as ‘carcinogenic’ – i.e., cancer causing – are pharmaceutical drugs prescribed for various diseases.

The reason for this is that pharmaceutical drugs are synthetic – i.e., artificial – compounds, not natural substances. Thus, the human body cannot recognise them and they cannot easily be neutralised and eliminated. Most of these drugs cause damage to the DNA of cells, thereby inducing the cancer process.

The reason why most prescription drugs are not natural compounds but synthetic in nature is their patentability. The pharmaceutical business is based on profiting from the huge patent fees of newly synthesised chemical compounds. Thus, the ongoing cancer epidemic is also the result of this business principle. We will talk more about that in chapter V.

The fact that many prescription drugs can cause cancer is widely known and is documented in many clinical studies and even government reports. On the facing page is a list of some of the prescription drug classes that are known to pose the highest risk for developing cancer. Other powerful carcinogenic substances include hormones such as estrogen, present in anti-contraceptive pills and prescribed to millions of menopausal women as ‘hormone replacement therapy.’

Many Widely Used Prescription Drugs Can Cause Cancer

US Government Report:

A multitude of widely used prescription drugs account for more than 40% of all chemical substances that can cause cancer in humans.

Different classes of prescription drugs can cause new cancers to a varying degree:

- 87% of anti-cancer drugs can cause new cancers
- 50% of all antibiotics can cause cancer
- 60% of drugs prescribed against depression and mental disorders are potentially carcinogenic
- Almost all immunosuppressants facilitate the development of cancer
- Many other drugs are listed as cancerogenic, including anti-ulcer drugs, anti-allergy drugs and others

Sources:

- National Institutes of Health, 9th Report on Carcinogens, 2001
- National Institutes of Health, NIH 12th Report on Carcinogens, 2011
- US Department of Health and Human Services, 7th Annual Report on Carcinogens, 1995



Fact # 7: The Indiscriminate Killing of Cells as Failed ‘Therapy’ for Cancer Will Be Replaced by the Modern Approach of ‘Cellular Regulation’

The 20th Century will go into history as a deadlock in the ‘war against cancer’. Despite countless media reports about alleged breakthroughs of cancer ‘cures’, the Cancer epidemic is still spreading on a global level.

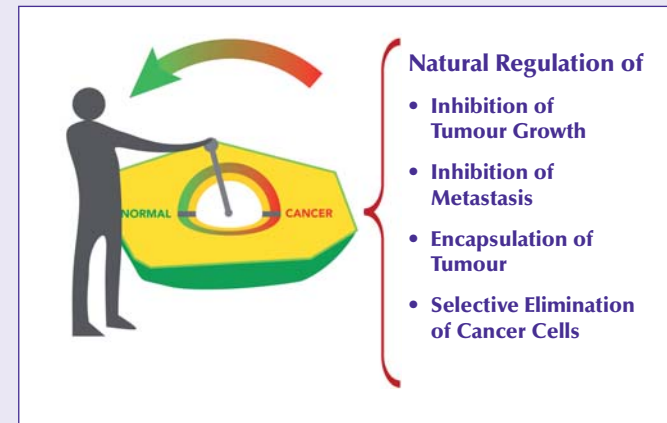
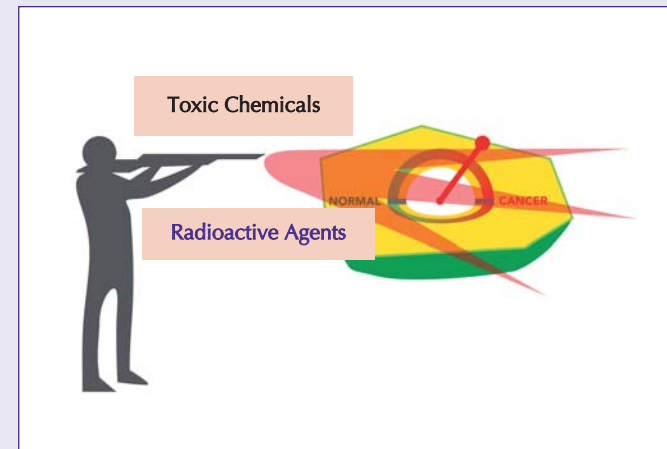
The prevailing therapeutic approaches to this disease by conventional medicine – chemotherapy and radiation – were based on the indiscriminate damaging and killing of billions of body cells in the hope to eliminate cancer.

The statistics prove that this approach of ‘intoxication’ was a failure. For many types of cancer, chemotherapy and radiation therapy had no advantage at all, for other types the effects were minimal, short-term – and they were achieved at the expense of suffering and a dramatic decline in the quality of life for the patient.

Thus, there exists an objective need for a completely new direction in cancer therapy. This new approach has to be based on a new understanding about the natural regulation of cancer cells. The keys to the effective control of cancer are natural therapeutics that can interfere with and regulate the malfunction of the biological software of cancer cells – without affecting healthy cells.

Once that is accomplished, cancer can largely be eliminated as a cause of death and disability among humans.

Biological Regulation Instead of Chemical and Radioactive Intoxication



**Key to Victory Over Cancer:
Regulation Instead of Intoxication**

“Doctor, how long?”

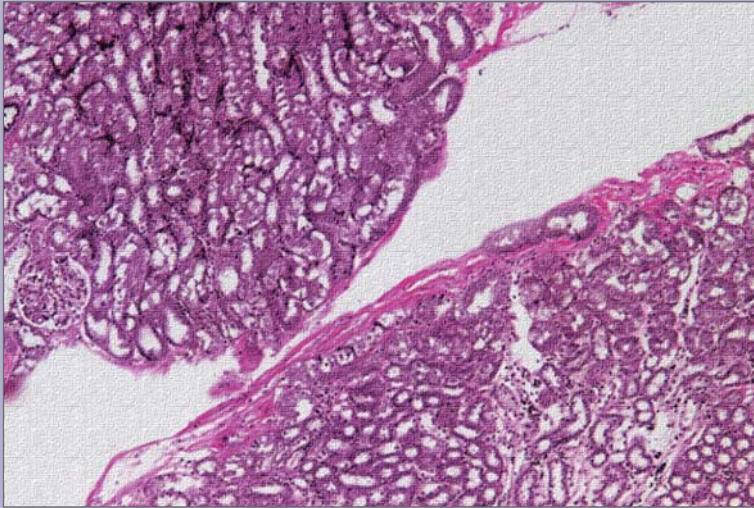


At the beginning of the 21st Century, the same bizarre ritual continues in doctors' offices and hospitals around the world: Patients are being diagnosed with 'cancer'. Their wrenching hands express their minds that switch between helplessness and desperation. In parallel, a second ghostly ritual takes place.

The hand of a doctor pats the patient's leg in a mixture of consolation, reassurance and offering hope. Of course, there is no basis for any of these delusive messages communicated by the doctor's hand – cancer is still largely what it was a century ago: a death verdict. It's time for change!

In the next chapters
we will take you on
a remarkable health journey.

You will realise that
the biological tools to achieve
'Victory Over Cancer'
are available right now!



Purple Coast

'Science as Art' is an idea by August Kowalczyk.

'Purple Coast' is a microscopic picture of kidney tissue with the collagen stained pink.

The picture was taken at the Dr. Rath Research Institute.

Visit the entire art gallery at

www.dr-rath-humanities-foundation.org/exhibition/index.html