

# **Insulin Potentiation Therapy - 'IPT'**

**Dr. Burzynski's  
Antineoplastons**

**Whole Body Hyperthermia  
Cancer Therapies**

**By**

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## ***Insulin Potentiation Therapy – A Potent Alternative Cancer Treatment***

Far too many people just assume that because their doctor hasn’t discussed any other options besides surgery, chemo and radiotherapy, *that there aren’t any other options available*. This is far from the truth, and in this brief article, we’ll look at just three examples - out of many! - of ‘alternative’ cancer treatments that have both a lot of science, as well as clinical results to prove their worth. Let’s explore IPT first.

### **IPT (Insulin Potentiation Therapy)**

One such scientifically based, complementary cancer treatment, long used in places like Germany is the use of insulin along with *much* reduced doses of chemotherapeutic drugs. It is called ‘Insulin Potentiation Therapy (IPT), and is a relatively simple - and definitely cheaper - cancer treatment option with good therapeutic outcomes.

This treatment has been around since the 1960’s, yet largely remains an unknown or unaccepted alternative way of treating cancer within the USA medical model. The methodology of using insulin to potentiate the activity of chemo drugs was given to the NIH (National Cancer Institute) *in the early ‘60’s*, but was promptly shelved. What is even more disconcerting is that any attempts to study this alternate treatment by applying for grants from the NIH have been actively stymied. <sup>(1)</sup>

### **How Does IPT Work?**

This technique first uses an infusion of insulin to lower the patient’s blood sugar levels, which furthermore causes a release of adrenalin into the blood stream. The combination of increased adrenalin levels, induced by a hypoglycemic state (low blood sugar), makes cancer cells even more desperate for glucose than normal.

It needs to be understood that cancer cells have a relatively high metabolic rate compared to normal cells, and hence crave glucose for their own metabolism. Such higher metabolic rates of cancer cells has already been utilized in diagnostic P.E.T Scans, by employing radioactively labeled glucose to locate actively growing tumor cells in the body!

This is why naturopathic advice for cancer patients has long included the need to delete all sugary foods, sweets, excessively processed carbs, etc. from their diets. Bottom line - these refined carbohydrates actively feed and promote cancer growth.

### **Cancer Cells Have Many More Insulin Receptors Than Normal Cells**

Another vital and interesting aspect to the use of IPT in treating cancer is that cancerous cells have 6 times the number of insulin receptors on their membrane surfaces compared to normal cells, and 10 times as many IGF-1 (Insulin Growth Factors) factor receptors than normal cells.

Hence, once the cancer cells have been primed by lowering blood sugar levels through the use of intravenous insulin, the patient is then given both glucose *plus* a much *smaller* amount of their ‘normal’ chemo. Such primed cancer cells, desperate for ‘fuel’ - glucose - lap up the chemotherapeutically-laced, intravenously delivered glucose, with disastrous effects on the cancerous cells, but minimal damage to normal cells.

The other great advantage to IPT is that when chemo is given in this alternate manner, it can also be given over a much shorter time frame, thereby allowing for huge savings within hospital settings.

Such a smaller and shorter dose is nevertheless just as effective as the larger doses, due to the potentiating effects of insulin therapy. Usually, only *one tenth* the normal chemo dose is required to obtain full effects, but such a massively reduced dose obviously has much less side-effects on the rest of the body too.

This provides another huge advantage and saving to not just the patient, but the medical system as well. One study, done in 1981 at the George Washington University, showed that when IPT was used with methotrexate, it enhanced that drug’s effect by a factor of 10,000. <sup>(27)</sup>

### **Many Benefits & Far Less Side-Effects When Using IPT**

Clinical experience shows that people undergoing this format of chemo simply do better in the long-term, as well as having had less side-effects to contend with during, and after the chemo is administered. Another advantage is that under expert medical guidance, such insulin therapy is incredibly safe.

One important problem with chemotherapy is that unless the cancer cells are actively dividing, they are less susceptible to the lethal effects of chemo. However, another interesting aspect to IPT is that insulin, when used in this way actually sends such cancer cells into a growth phase, thus making them far more sensitized to the chemotherapeutic drugs.

Yet another beneficial aspect to IPT is that insulin makes cell membranes more permeable, thus allowing an increased entry of glucose into cells, but when used with low dose chemo, it also allows those chemo drugs a preferential entry into cancer cells.

A final advantage to the use of insulin plus chemotherapy is that the insulin - through such enhanced membrane permeability - allows the breakdown products from the dying cancer cells to be more readily eliminated, thereby decreasing the chances of ‘tumor lysis syndrome’. This is a serious and potentially fatal complication of any therapy that causes too great a ‘die-off’ of cancer cells in too short a time-frame. Such a situation can overwhelm a body’s detox capacity, literally poisoning a person to death by the breakdown products of dying cells.

Having discussed all these positive aspects to the use of IPT for cancer treatment, it nevertheless needs to be strongly stated that this therapy should not be used in the same single-minded, ‘silver bullet’ approach presently underpinning conventional medicine’s cancer mindset.

Yes, IPT is indeed a much better treatment option for cancer. However, it should be used within the more wholistic context of *also* looking at diet, immune restoration, nutrient supplementation, detoxification, stress management, dealing with a person’s inevitable ‘emotional baggage’... and much more. The essence of wholism is to look at the broader picture to any particular health issue - *even if this does involve more work for both the practitioner and patient.*

## **The ‘Elephant’ in The Room**

The obvious question is why would such a much safer; more effective; much cheaper therapy still not be part of main-stream’s therapeutic approach to cancer treatment? Perhaps the keyword here is ‘cheaper’.

A cynic might ask the reverse question: *‘why would a pharmaceutical company be encouraged to use, let alone promote a treatment protocol which only needs one*

*tenth of the normal dose of their drug’?* Obviously, this would also result in one tenth the normal return on their drug sales. But ofcourse... this is only me being cynical! Or is it?

As Dr. Linchitz states in the August/September issue of the ‘Townsend Letter’: *Drug companies fund the vast majority of cancer studies and it doesn’t makes sense to fund a study that would promote the use of only 10% of your product.*<sup>(2)</sup>

The irony - and the disconcerting reality! - is that presently the cancer research is pouring huge amounts of funds into discovering novel chemicals to use as a means of delivering ‘targeted drug therapy’.

Well, with IPT there already exists a fully-fledged, targeted form of cancer treatment which has been known about since 1946! At that time, it was first used on a single patient who continued to live for another 30 years,<sup>(3)</sup> and IPT has been utilized around the world since then, successfully and safely.

However, such use has definitely not been the case in regard to mainstream American oncologists, or most other cancer specialists using the American medical model (the UK and Australia, for instance); a model hopelessly flawed by it still being mired within the old Newtonian, ‘one-cause-for-one-effect’ perspective we discussed earlier.

### **Other Alternative Cancer Treatments to Consider**

IPT is but one good example of an alternative way of treating cancer, which is much more effective, safer, and definitely more economic. Other examples equally have a long history of use, and thus a lot of clinical data to back them up, let alone scientific study.

For example, two more examples of safe, effective, alternative cancer treatments, include Dr. Burzynski’s Antineoplastons, and Whole Body Hyperthermia.

### **Dr. Burzynski’s Antineoplastons**

Dr. Burzynski has been producing his Antineoplastons since about 1980, providing another alternative form of cancer treatment with remarkable levels of success. Yet, despite his therapy showing good therapeutic effects - often in people given up for dead by conventional oncologists - this doctor has had to withstand repeated

shenanigans (read: persecution) by the FDA, as well as highly biased reporting from conventional medical sources.

If you’d like to find out more about his treatment format, plus the harassment he has had to undergo at the hands of the FDA, then you might like to obtain a truly remarkable DVD called: ‘*Burzynski - The Movie*’, which is available for purchase from: <http://www.burzynskimovie.com/> .

This DVD/movie also provides a lot of solid, Court-validated information with which to better understand the type of politics driving the often intense slur campaigns against natural alternatives to cancer therapy, and the subsequent lack of safer, cheaper and more effective treatment options for this serious, life-threatening disease.

The fact that cancer is so potentially lethal makes the shenanigans of conventional medicine and their regulators, such as the FDA and TGA even more abhorrent. We’re not talking about whether the final result of such tomfoolery guarantees you only have access to ‘normal’ medical drugs for non-lethal conditions, such as arthritis, migraines... or whatever. These type of diseases don’t kill people - but cancer often can, and does.

If you can still get the DVD, or watch the YouTube version of the entire movie, then I urge you to do so! It would take a mini-book for me to outline the large amount of eye-opening information such a viewing will give you, as well as a much clearer perspective and understanding of what drives the present ‘cancer industry’.

### **Hyperthermia – Another Example of a Complementary Cancer Therapy**

The use of heat in treating cancer has a long history, going back to ancient Egypt and Greece. Prof. Busch and Dr. Coley, the latter a surgical oncologist, had noticed that sometimes patients who experienced certain infections, especially with a high fever, had their cancer regress. This was notably seen in cases where cancer patients had experienced the beta-hemolytic Streptococcal infection called erysipelas, which inevitably causes a high fever of up to 40.6 degrees Celsius (105 degrees F).

After much research on animals, Dr. Coley produced what were called ‘Coley’s Toxins’ - bacterial toxins from *Streptococcus pyogenes* and *Serratia marcescens* - which were then injected into cancer patients with the aim of inducing a high fever.

Another early pioneer in the field was Dr. Fulton Percy, who as long ago as 1914 published an article in *JAMA* (J.of Am.Med.Assoc.) about using heat to treat cancer. He had understood how cancer cells were more easily destroyed when tissue was heated to levels that were sub-lethal for the rest of the body.

Hyperthermia can be used in a local manner, or as whole-body heating. In Austria, starting in the 1930’s, full-body immersion in hot water, under strictly controlled conditions was used to raise the body’s core temperature.

In Holland, various forms of hyperthermia for treating cancer are *presently* an established and standard treatment option. China, Italy and Mexico are other countries using various forms of heat treatment. Germany too is rapidly going ahead with the use of heat therapy to overcome cancer.

For instance, one clinic, the St. Georg Klinik in Munich has achieved impressive results based on over 2,000 cases of advanced stages of many different forms of cancer. They obtained an average remission rate of 80% when low dose chemo was utilized in combination with whole body hyperthermia. <sup>(4)</sup>

Under strictly supervised conditions, hyperthermia can be a very safe and effective single or complementary treatment approach to managing a wide range of different cancers.

In contrast, the USA is still only nibbling at the edges of this complementary cancer treatment; complementary, because it is often used with either chemo or radio to provide far better survival outcomes.

For instance, Dr. R. Issels, a German professor of medical oncology at the University of Munich presented his results at a Press Conference in Berlin on the 23<sup>rd</sup> September, 2009, where he provided figures showing a 42% decreased risk for recurrence or death, when concomitant, regional hyperthermia and chemo had been used in high-risk sarcoma cases.

The median time of follow-up was 34 months, and those receiving the combination treatment survived about 120 months compared to 75 months for those only being treated with chemo. Also, 76% of those patients receiving combination treatment were alive with no further local progression, compared to 61% for those using chemotherapy alone. In this case, hyperthermia doesn’t replace chemo, but it sure does improve overall results.

## Conclusions

Even from these three examples, you can see that there *are* other alternatives, and definitely, various *complementary* cancer treatments available, beyond the present limited choices of chemotherapy, radiotherapy and surgery on offer by medicine or Big Pharma.

For a more in-depth exploration of other naturopathic perspectives on cancer, as well as other natural treatment options, you might like to read:

- [Cancer – a Naturopathic Perspective](#)
- [Cancer – Upon Diagnosis](#)
- [Biopsies – Studies Show They Can Increase Metastases](#)
- [Chemobrain – The Treatment That Shrank Your Tumor Can Also Damage Your Brain](#)
- [Flax Seed Hulls – A Potent ‘Food-Medicine’ For Malignancies](#)
- [‘CellFood’ - A Potent, Liquid, Multi-Nutrient Formula With Which To Re-Build Or Maintain Your Health](#)
- [Whole Lemon Cleanse Drink – A Remarkable, Holistic Tonic for Cancer](#)
- [Coffee Enemas – A Very Cost-Effective Pain Treatment](#)
- [Dr. Johanna Budwig – Using Flax Oil & Quark As As Holistic Cancer Treatment](#)
- [Has The War On Cancer Been Lost?](#)

## References

- 1) Townsend Letter.Aug/Sept.’11.337/338.p.55
- 2) ibid.p.65
- 3) ibid.p.62
- 4) Townsend Letter.June.’98.179.p.62

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