

## 1. High pH cesium therapy

All human cells have a pH of around 7. If you increase the pH to somewhere between 8 to 9, then the cell will first stop to proliferate, and then it will die.

By introducing alkali ions (such as potassium ions), it is possible to increase the intracellular pH. The most potent alkali ion is cesium ion which can be found for example in cesium chloride (this is the non-radioactive isotope of cesium, not to be confused with the radioactive isotope).

Healthy cells can regulate their intracellular pH. If too many alkali ions enter the cell, they are transported out of the cell by using trans-membrane transport proteins.

The trans-membrane electric potential of healthy cells is around  $-90\text{mV}$ . In cancer cells, this potential usually drops to around  $-20\text{mV}$ . Many trans-membrane proteins require a certain trans-membrane potential (around  $-90\text{mV}$ ) to be functional. Thus, the lower trans-membrane potential of cancer cells causes many trans-membrane proteins to be inactive.

This seems to be the case with proteins responsible for the transport of cesium ions out of the cell to prevent pH build-up. Thus, by increasing concentration of cesium ions in the extra-cellular fluids will result in selective accumulation of cesium ions within the cancer cells, resulting in their death.

More info can be found here:

<http://www.cancer-coverup.com/story/default.html>

<http://www.mwt.net/~drbrewer/highpH.htm>

[http://www.mwt.net/~drbrewer/brew\\_art.htm](http://www.mwt.net/~drbrewer/brew_art.htm)

<http://www.newswithviews.com/Howenstine/james14.htm>

You may also check the excellent book “Cancer Cover-up” by Kathleen Deoul

## 2. Vitamin B17

This is one of the most weird stories in the oncology of today. Vitamin B17 is a naturally occurring substance (found for example in apricot kernels) which contains cyanide. This cyanide is bound to the rest of the B17 molecule and, thus, inactive and harmless.

This cyanide can be released from the B17 molecule by enzymatic action. Due to significant differences in enzymatic metabolism between healthy cells and cancer cells, however, virtually all cyanide is released within the cancer cells. The toxicity to healthy cells is very low.

Vitamin B17 can be obtained from diet (for example through intake of apricot kernels). There are also formulations which contain pure vitamin B17 (Amygdalin or Leatril). Such formulations are available for either oral or intravenous administration.

There is a huge amount of excellent information about vitamin B17. You may look up the following:

“World without Cancer” by Edward Griffin

“Alive and Well” by Philip Binzel”

(available from <http://www.realityzone.com/>)

<http://www.worldwithoutcancer.org.uk/>

<http://credence.org/testimon/testimon.html>

If you want to take apricot seeds for cancer prevention, please consider the following:

a. For cancer prevention or after-treatment (the purpose of after-treatment is to prevent recurrence and metastasis after primary tumor was eliminated): 1 apricot kernel for 10 lbs of body weight a day

b. Acute-phase cancer treatment: up to 30-35 apricot kernels a day

c. Apricot kernels should always be taken spread through the day. It is better not to take them on empty stomach. They can be taken, for example, after a meal.

d. To increase absorption, it is advisable to take apricot kernels together with some of the following fruit: apricots, peaches, plums, apples, cherries, and pears. All these are fruit whose kernels also contain vitamin B17

e. Intake of apricot kernels should not exceed more than 30-35 kernels a day or 6 kernels per hour

f. Zinc is necessary for vitamin B17 to be effective (only if enough zinc is present can B17 be transported within the body, in this case to the tumor cells)

### **3. Antineoplastons**

During the Cold War, Dr. Burzynski emigrated from Poland to Texas to escape from Communism. In his research work he discovered a class of proteins which he called "antineoplastons".

These proteins, which show remarkable anticancer properties, naturally occur in healthy humans but are lacking in most cancer patients.

Dr. Burzynski managed to synthesize these proteins, and develop a successful cancer treatment protocol. For more information, you may go to:

[http://www.lef.org/magazine/mag2004/may2004\\_report\\_mystery\\_01.htm](http://www.lef.org/magazine/mag2004/may2004_report_mystery_01.htm)

<http://www.alkalizeforhealth.net/Lburzynski.htm>

<http://www.cancermed.com/>

<http://www.vitaminb17.org> (go to "article archive" on the left side)

### **4. Coley`s toxins**

Dr. William Coley was the first doctor to use any sort of immunotherapy. He would inject dead pathogenic bacteria, thus creating a strong immune response by the patient, combined with fever. The hope was that the activated immune system would be now in a position to fight the cancer cells.

There are different numbers available as to the effectiveness of this therapy, ranging from some 30% to some 80% (both figures are for inoperable tumors).

This form of cancer therapy is still used at some alternative cancer clinics in Germany. Recently I have read a book ("Schulmedizinisch aufgegeben, was nun?" by Heidrun Ehrhardt) written by a woman who underwent such a therapy in Germany. Prior to the therapy she was classified as "terminal" with several lung metastasis, after 6 months on the therapy (with 1-3 injections a month) no tumorous tissues could be found on the CT scan. She wrote the book several years later and was at that time still cancer-free.

<http://cancerguide.org/coley.html>

[http://en.wikipedia.org/wiki/Coley's\\_Toxins](http://en.wikipedia.org/wiki/Coley's_Toxins)

### **5. Additional links**

<http://www.cancertutor.com/>

<http://www.realityzone.com/>