Case Study: Some Controversial Aspects for Evaluating and Treating Cancer Patients

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Focus of Conventional Cancer Treatment vs Alternative Approaches

• Destroy cancer cells at all costs: Rid the body of all CA cells, using surgery, radiation, hormonal manipulation, chemotherapy or immunotherapy

• No emphasis on prevention, lifestyle, good nutrition, avoidance of pollution and synthetic chemicals; though research supports the view that these factors affect outcomes for cancer patients, conventional oncologists generally don’t consider them

• Alternative approaches emphasize lifestyle, diet, stress management, exercise, sleep, dental problems (infection, amalgam fillings, root canals), oxygenation (airway issues, ozone, hyperbaric oxygen) and nutritional supplements

• These alternative approaches may be used with conventional treatment or sometimes instead of the certain conventional procedures
Downside of Diagnostic Procedures: Infrequently Discussed by Conventional MD’s

• Scans emit considerable radiation and radiation exposure causes cancer
  • CT Scan  100 chest x-rays
  • PET Scan 500 chest x-rays

• Size of tumor not necessarily a good marker for longevity of patient

• Success should be measured by survival time and quality of life and not shrinkage of tumors, which are frequently temporary

• Gadolinium widely used as a dye in MRI’s recently given an FDA warning that it is retained in some tissues like the brain

• Biopsies cause inflammation and may stimulate cancer growth if cancer is present or contribute to the development of cancer if it isn’t present; infections, bleeding or other complications are common (e.g. Numerous complications occur following prostate biopsies)
Four Approaches to Killing Cancer Cells Without Harming Normal Cells

• Takes advantage of fact that cancer cells differ from normal cells and may have different responses to certain substances:

• Cancer cells generally have large amounts of the enzyme protein **CYP1B1**, which is not present or very low in normal cells. **Salvestrols**, which are a family of naturally occurring substances in organic fruits or vegetable or herbs, combine with CYP1B1 to stimulate cancer cell death, but are non-toxic to normal cells. Some substances inhibit the CYP1B1 enzyme and are therefore contraindicated when salvestrols are used. Available as a supplement.

• Cancer cells are high in the enzyme **beta glucosidase** which is low in normal cells; this enzyme splits off 2 sugar molecules from **amygdalin** (Laetrile or B17) which then results in **release of cyanide and benzaldehyde**, both of which are capable of killing cancer cells (but normal cells are unharmed). Available as a supplement or bitter apricot kernels.

• **Pancreatic enzymes** preferentially attack cancer cells and not normal cells (work of Gonzalez, Isaacs, Beard and Kelley). For books, articles and video links about the Gonzalez approach, see: [http://www.dr-gonzalez.com/index.htm](http://www.dr-gonzalez.com/index.htm)

• **Vitamin C** can help the body resist cancer in many ways, either orally and/or intravenously.
Effects of Salvestrols on Cancer Cells & Normal Cells: How They Work

A. cancer cell

CYP1B1

Salvestrol

activated Salvestrol metabolite destroys cancer cell

B. normal cell

no harm comes to normal cell
Further Information about Salvestrols: Book by Brian A Schaefer-2012: Just updated Oct. 2018

- History of the discovery of CYP1B1 & Salvestrols
- Case histories of patients using salvestrols
- Refers to many citations and websites where more information is available
- New edition available from company (See next slide) and will soon be available on Amazon
How Professionals Can Get Information on CYP1B1 and Salvestrols at [www.salvestrol.ca](http://www.salvestrol.ca)

- Call 1 866 837-1523 and tell operator you are a professional and want a User Name & Password
- You will have to supply a copy of your credential to get the User Name and password (This can be done by E-mail)
- Once these are obtained, go to the website: [www.salvestrol.ca](http://www.salvestrol.ca)
- Click on Practitioner Login and enter your user name and password. A variety of articles, videos & other information on salvestrol can then be accessed.
Amygdalin = Laetrile = Vitamin B17

- From mid 70’s through 2012, most of our cancer patients used B17; some still do; others use salvestrols
- The narrated film strip “World Without Cancer” got me started with alternative cancer therapies in the 1970’s
- Film strip available on YouTube at: https://www.youtube.com/watch?v=QeYMduufa-E
- Trailer of movie on Laetrile at Sloan Kettering: https://www.youtube.com/watch?v=nGXzLuxwqQs
- NY Times article on this movie: https://www.nytimes.com/2014/08/29/movies/second-opinion-on-the-dispute-over-laetrile.html?_r=0
- http://www.schachtercenter.com/IntegrativeOncologyISIMJournal.pdf My article on our website includes B17 discussion
Amygdalin with 2 Sugar Molecules Bound to Benzaldehyde & Cyanide: Relatively Non-Toxic

The Enzyme **Glucosidase** (present in CA cells) splits 2 sugar molecules (S-S) from Benzaldehyde (BZD) and Cyanide (CYD); **BZD and CYD are TOXIC** when released from sugars
Vitamin C as a Relatively Non-Toxic Anti-Cancer Strategy

• Vitamin C has numerous ways of helping the body fight cancer

• It enhances functioning of the immune system by several mechanisms, strengthens connective tissue surrounding the cancer, thereby reducing the likelihood of metastases

• At high concentrations, achieved only by intravenous treatment, vitamin C or ascorbic acid converts to hydrogen peroxide in the extracellular spaces

• When hydrogen peroxide enters normal cells, the enzyme catalase converts it to oxygen and water

• Cancer cells have only small amounts of catalase and the hydrogen peroxide converts to the very damaging hydroxyl radical, which can kill cancer cells

• For more information about C and cancer, see my article which has a good discussion about C and cancer and contains has many references

• See: http://schachtercenter.com/CSJARTICLE0001.PDF Pages 3 through 5
High Dose Oral Vitamin C for CA Patients

• 10 grams or more of vitamin C given orally extends life of cancer patients by more than 4 times according to one study
• An 8-year study done in the late 1970’s and early 1980’s showed that the length of life in 100 terminal CA patients receiving at least 10 grams daily of vitamin C orally compared to the control group of 1000 terminal cancer patients not given any supplemental vitamin C
• http://www.peakenergy.com/news/VitaminC_Cancer_w_Comments.pdf
• http://vitamincfoundation.org/alerts.php
• Relatively inexpensive cancer control strategy

Linus Pauling PhD and Ewan Cameron MD: Champions of Oral C for Cancer
Low Vitamin D Levels Associated with Cancer

• There is strong evidence that the level of 25 Hydroxy D is inversely correlated to death from cancer: See: https://www.ncbi.nlm.nih.gov/pubmed/24202453; yet most cancer institutions do not do this test

• Several epidemiologic studies suggest low D levels are associated with increase in cancer deaths, though others deny this. See: https://www.cancer.gov/about-cancer/causes-prevention/risk/diet/vitamin-d-fact-sheet

• Dr. Garland from the Univ. of California (San Diego) offers a theory for the development of cancer and low serum vitamin D, called the DINOMIT Theory of Cancer. See: https://health.ucsd.edu/news/2009/Pages/5-22-vitamin-D-dinomit.aspx

• The optimal 25 Hydroxy D level may be higher than the lower section of the reference range
Evaluate Iodine Status and Supplements Carefully

• We check random urine iodines on all cancer patients and find most Americans are deficient in Iodine; WHO says below 100 mcg/Liter of urine is deficient

• Iodine needs to be supplemented carefully and associated factors should be used (sufficient water, unrefined salt, selenium, magnesium and vitamin C should be used)

• Safe and effective protocols for iodine administration exist

• Milligram (not microgram) quantities of iodine necessary for anti-cancer effects; virtually all of our cancer patients take an iodine supplement

• Max Gerson used Lugol’s solution (mg doses of I) with all CA pts

• See my published paper at our website for a well referenced section on Iodine and suggestions for further sources of information about iodine: http://schachtercenter.com/CSJARTICLE0001.PDF
Mirko Beljanski PhD (1923-1998)

- Useful Supplements to Support Cancer Patients
  - Herbal extracts with anti-cancer properties (Pao Pereira & Rauwolfia Vomitoria) available in combination
  - Two other useful non-toxic supplements to help cancer patients; one helps to reduce damage from radiation and the other increases white blood cells and platelets when damaged by radiation and/or chemotherapy

- See: http://www.beljanski.org/engl/ and a section of my paper at: http://schachtercenter.com/CSJARTICLE0001.PDF
- Generally compatible with most conventional approaches to cancer
- In 2004, I presented the work of Mirko Beljanski to practitioners at an ACAM conference
Two Herbs with Anti-Cancer Properties

Pao Pereira

Rauwolfia Vomitoria
Popular Book: *Winning the War on Cancer* by Sylvie Beljanski-Published 2018

- Intensely personal book that discusses the scientific breakthroughs of Mirko Beljanski’s relatively non-toxic approach to managing cancer
- Sylvie discusses how her father was persecuted for approaching cancer from a non-conventional perspective, even though Mirko Beljanski, PhD, wanted to cooperate with conventional oncologists
- Mirko Beljanski helped President Mitterrand of France with prostate cancer improve enough to finish his term in office after he was told this couldn’t be done by conventional practitioners
- Sylvie also discusses political and economic implications of alternative vs conventional cancer treatment approaches
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• Straddle the conventional and alternative approach to cancer
• Research involving **IV vitamin C for cancer along with chemotherapy**; See: [http://www.kumc.edu/](http://www.kumc.edu/) and search for integrative medicine
• IV vitamin C reduces the toxic effects of chemotherapy
• Series of papers involving **pancreatic and ovarian cancers with and without chemotherapy**; research supported by the Beljanski Foundation: [http://www.beljanski.org/engl/](http://www.beljanski.org/engl/)
• A recent paper on one of the herbs Pao Pereira shows that it can kill cancer stem cells in vitro See: [https://www.beljanski.org/engl/press/cancer-stem-cell/](https://www.beljanski.org/engl/press/cancer-stem-cell/)
• A similar paper on the effects of Rauwolfia on cancer stem cells will be published soon
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PowerPoint Presentations and Notes from Dr. Schachter's recent lectures

Under each lecture heading below, you will find links to its corresponding flyer, slides and resources. You may need a PDF file reader like Adobe Reader to open these files.

NYC NAVAL Expo - May 7, 2017

Beating the Fear Out of Cancer: Effective Approaches in Addressing Mitochondrial Metabolic Diseases

Lecture Slides

Resources

The Annie Applesseed Project: March 4, 2017