

## Scientific And Medical References Proving Ozone's Validity As A Medical Treatment

By Ed McCabe

*This is the most complete set of English language Ozone Medical references available to date. It took 7 years of hard work against formidable opposition to bring this into existence as a public service. Therefore, Ed McCabe requests that his name always be associated with this publication. It is copyrighted under: Ed McCabe 1994.*

## Chronological Ozone Medical References - Abbreviated List - With A Concentration On Successful Aids Research

Compiled from "O3 vs. AIDS" By Ed McCabe  
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**1885** Florida Medical Association published "Ozone" by Charles J. Kenworthy, M. D., M.R.S.V. from Jacksonville Florida. This proves that ozone was in regular medical usage in the U.S. before 1885, and therefore predates the 1906 Pure Food and Drug Act, its subsequent revisions, and the FDA as well. Therefore, ozone's medical usage is grand fathered in the United States, and held as perfectly legal for any M.D. to use without censure. Ozone generating medical devices are claimed by the FDA to be a separate question. (Note: see commentary further on about Dr. Willner's case in 1991)

**1896** Sept 22 Inventor genius Nikola Tesla patents the first ozone generator in the U.S.

**1898** Institute for Oxygen Therapy-Healing started in Berlin by Thauerkauf and Luth. First injection of ozone into animals, first bonding of ozone to solid form products (Haemozon, now Homozon). Proprietary bonding technology method still unknown and unbelievably by all but certain American, German and Russian scientists. The chemistry is substantiated in Russian texts.

**1898** Dr. Benedict Lust from Germany practicing in NY. He was the originator and founder of Naturopathy, and wrote many books and articles on ozone.

**1900** Medical ozone was used in the U.S. by Nikola Tesla who formed the "Tesla Ozone Company" which was the first company to use high voltage, high frequency, low amperage AC systems and was granted many ozone patents. Medical ozone and ozone products were used widely in the beginning of the century and their use actually predates the FDA's inception in 1906.

**1902** J.H. Clarke's "A dictionary of Practical Materia Medica," London, describes the successful medical use of "Oxygenium" in treating Anemia, Cough, Cancer, Diabetes, Influenza, Morphine poisoning, Canker Sores, Strychnine poisoning, Whooping-cough. Oxygenium is ozone charged water.

**1902** Dr. Chas. O. Linder M.D. was written up in Spokane, WA "Centennial" magazine as injecting medical ozone and commonly using state of the art ozone equipment in his medical practice.

**1904** Ozone charged olive oil has been sold in pharmacies for years all over the U.S. and used by thousands of physicians under the trade name "Glycozone." As reported in nineteenth edition of "The Medical Uses of Hydrozone and Glycozone" by Chas. Marchand. The New York Chemist's 339 page book is in the Library of Congress with the U.S. Surgeon general's stamp of approval on it.

**1910** (+/-) Tesla's "Violet Ray" ozone producing device commonly sold all over U.S. under many brand names and configurations, even finding its way into the Sears catalogue. Many had provisions for therapeutic breathing of strong concentrations of ozone after bubbling it through certain organic essential oils. Violet Ray now available through all beauty supply shops in the U.S..

Copyright 1911, 13, 15, 16, 19, 20 Noble M. Eberhart M.D., Ph. D., D.C.L. was published by New Medicine Publishing Company. "A Working Manual Of High Frequency Currents" Chapter 9 Ozone; Nature; Physiological Action; Methods of Administration; Diseases In Which It Is Indicated. Dr. Eberhart was head of the Department of Physiologic Therapeutics, Medical Department Of Loyola University. Professor of High Frequency, Illinois School of Electrotherapeutics. Head of Department of Electrotherapy, Chicago College of Medicine and Surgery. Member of Chicago and Illinois State Medical Societies, American Medical Association, American Medical Editor's Association, Victoria Institute or Philosophical Society of Great Britain.

He used ozone in Tuberculosis, Anemia and Chlorosis, Chronic middle ear deafness and Tinnitus, Whooping Cough, Asthma, Bronchitis and Hay Fever, Insomnia, Pneumonia, Nervous Disability, Diabetes, Gout, and "Its beneficial action in syphilis has been attested by many physicians."

"Ozonizing the air of a patients room is the best method of employing ozone in this disease (tuberculosis)."

"In one sense of the word, since oxygen is so essential, it might be easily claimed that ozone was indicated in any bodily ailment... there are some diseases in which it is of particular benefit. Among these are anemia; all diseases of the respiratory organs, including tuberculosis; infectious diseases; and all conditions where there is imperfect oxidation and impaired nutrition."

"H. de LaCoux, Chemical Expert to the Council of the Prefecture of the Seine, Paris, says: "In the application of ozone for tuberculosis, it is an undeniable clinical fact the number of bacilli in the sputum diminishes after the second or third treatment, even before the general condition of the patient is improved."

"Dr. George Stoker, London, reports nine cases of tuberculosis treated within a year at the Stoker Oxygen Hospital, of which eight were discharged with the disease definitely arrested."

**1913** Eastern American Association for Oxygen Therapy formed by Dr. Blass and German associates

**1914** Nov 20th, Dr. Charles O. Linder was advertising the availability "At a great expense" on his part, of his new medical ozone machine in the Vol 1 No. 1 "Not yet named Magazine" at the Apple Show near Spokane, WA. He was passing the ozone through Eucalyptus, Pine, and Cedar oils as scrubbers before inhalation of the gas.

**1920** Dr. Charles S. Neiswanger, M.D. publishes "Electro Therapeutical Practice" Ritchie and Company, Chicago. "A Ready Reference Guide for Physicians in the Use of Electricity and the X-Rays." Chapter 32 "Ozone as a Therapeutic Agent." Dr. Neiswanger was the President and Professor General Electro- Therapy Illinois School of Electro Therapeutics; Chicago Hospital College of Medicine. "Ozone acts as a powerful antiseptic in contact with diseased mucous surfaces, consequently its beneficial action is quickly apparent in the treatment of bronchial and laryngeal affections, catarrh, hay fever and all diseases of the respiratory organs."

**1929** "Ozone and Its Therapeutic Action." Book names 114 diseases and applications of ozone and prints the research from the centers and doctors centers using ozone. Armor Research Foundation Institute of Technology, IL, American College of Physical Therapy, Berlin University, Behren Memorial Hospital, Glendale, CA, Board of Education, St. Louis, Bouvicant First Hospital Paris, British Army Medical Service, London, Chicago College Of Medicine and Surgery, Chicago, Harvard University, Cambridge, MA, Polytechnic Institute, Brooklyn, NY, Physical Chemistry University, IL, Post Graduate Medical School, NY, S. California University of Los Angeles, Salaberry Hospital, Buenos Aires, Spaulding General Hospital, Portland , OR, Western Reserve University, Cleveland, OH, Washington University, Seattle, WA. A 40 page book with a different medical paper from a different expert on each page.

**1930** May 3rd, Journal of The American Medical Association article: "The Therapeutic Use of Oxygen in Coronary Thrombosis" by Robert L. Levy, M.D., and Alvan L. Barach, M.D. Oxygen tents help oxygen starved heart attack victims.

**1930** German dental physician E.A. Fisch was regularly using ozone in his dental practice in Zurich Switzerland and writes large number of ozone papers in Italian, French, and German. Patents the "Cytoson," the first dental use ozone apparatus.

**1931** Dr. Otto Warburg wins first Nobel Prize for work proving cancer is caused by a lack of oxygen in the cells. He states in "The Prime Cause and Prevention of Cancer" that the cause of cancer is no longer a mystery, we know it occurs whenever any cell is denied 60% of its oxygen requirements. This occurs through a buildup of pollution or toxicity within and around the cell which blocks and then damages the cellular oxygen respiration mechanism.

**1932** renowned Austrian surgeon Dr. Erwin Payr receives ozone therapy and thereby learns of medical ozone by treatment from E. A. Fisch. Goes on to use ozone in his medical practice, increasing its acceptability in surgery.

**1935** Nov. Societe Francais d'Electrotherapie et de Radiologie publishes M. Sourdeau (Le Mans) paper on "Ozone in Therapy" Four machines to produce ozone have been installed in the Electro- Radiology service in Beaujon-Clichy.

**1938** Parisian Medical Bulletin - Bul Med Paris 52 or 42:745- 749, Paul Aubourg, Honorary Electro-Radiologist in the Hospitals of Paris, publishes "Medical Ozone: Production, Dosage, and Methods of Clinical Application Using rectal insufflation he noted that of 465 patients, the colon capacity varied from 150 to 800ccs (no megacolon), so everyone was x-ray photographed to ascertain the proper dosage without forcing the ilio-caecal valve. Ozone injections into wounds last for 6 to 15 minutes, verified by laboratory

bacteriological results. Vaginal insufflations were common. Breathable concentrations of ozone were routinely applied to infected sinuses. Intermuscular injections were abandoned as too painful and ineffective. In 8000 applications of ozone, there were no accidents or harmful side effects.

**1938** Paul Aubourg "Results of 119 cases of coliform infection treated by ozone in Beaujon-Clichy." Presse Med 1938; 46:1987- 1900.

**1940's** German Doctor Hans Wolfe wrote the book "Medical Ozone."

**1940's** FDA starts seizing ozone machines, and this policy continues to this day.

**1940's** "Polyzone," "Aetheozone," and other ozone machines were marketed in the U.S.

**1942** "Gordon Detoxification and Hydro Surgery - Theory and Practice" book published covering medical uses of ozone as colon cleanser.

**1943** During the Second World war, Dr. Robert Mayer treated the FBI prisoners of war in the Ellis Island, NY POW camp. Dr. Mayer subsequently learned of medical ozone from one of the German prisoners and has since been applying ozone to patients in the United States for over 45 years. Dr. Mayer is a pediatrician, and has safely and effectively given ozone therapy to over 12 thousand people, most of them children. He pioneered the technique of ozone being injected directly into the spinal fluid to end meningitis. Dr. Mayer has authored many medical papers including:

"Using Ozone As A Chemotherapeutic Agent For the Treatment Of Diseases" Out of compassion, he recently came out of retirement (he's in his seventies) and began treating hundreds of AIDS patients with medical ozone.

**1944** Dr. Otto Warburg wins second Nobel Prize for his work linking cancer to damaged cell respiration due to a lack of oxygen at the cellular level.

**1951** June Dr. William Turska, Chairman of the Committee on Scientific Research of the American Naturopathic Association publishes in the Journal of the American Naturopathic Association "Oxidation." Dr. Turska pioneered the breathing of Aethozol (ozone passed through selected oils). He also pioneered and maintained one of the best methods of putting ozone into the body was to put up to 250 cc's directly into the portal circulation via the rectal veins with no pain, discomfort, or side effects. With repeated application, this completely cleans the liver.

**1953** Dr. Hans Wolff, general practitioner in Frankfurt, Germany starts his own ozone clinic after coming into contact with and learning about ozone from Dr. Hanseler.

**1954** "Oxygen: Master Of Cancer" book published by Frank Totney.

**1956** Feb 24 Two time Nobel Prize winner Dr. Otto Warburg (who won this prestigious award for discovering and proving that cellular respiration, once damaged by a lack of oxygen, caused cells to mutate uncontrollably and turn into cancer cells) publishes in SCIENCE 24 February 1956, Volume 123, Number 3191 "On the Origin Of Cancer Cells."

**1958 - 1973** Dr. Robert Mayer and Dr. Edmund J. Ryan were granted 8 ozone patents. 1950, 55, 58 patent # 3,063,904 granted Nov. 13, 1962: "Polymeric Oxygen (Ozone) In Blood and Sera Treatment and the Product Thereof."

**1961** Encyclopedia of Chemical Technology, Volume 16, Third Edition. John Wiley and Sons. The symptoms of breathing high concentrations of ozone are acute, there appear to be no chronic affects among normally healthy people because the body has the ability to repair such damages. "No free radical reactions which directly involve ozone have been observed. During the 80 year history of the large scale usage of ozone, there has never been a human death attributed to it."

**1965** Senator Edward Long holds U.S. Senate hearings where Dr. Herbert Ley, FDA Commissioner testifies that the FDA "protects" the big drug companies and are subsequently rewarded, and using the government's police powers they attack those who threaten the big drug companies.

"People think what the FDA is protecting them. It isn't. What the FDA is doing and what the public thinks it's doing are as different as night and day.

"First it is providing a means whereby key individuals on its payroll are able to obtain both power and wealth through granting special favors to certain politically influential groups that are subject to its regulation. This activity is similar to the 'protection racket' of organized crime: for a price, one can induce FDA administrators to provide 'protection' from the FDA itself."

Secondly, as a result of this political favoritism, the FDA has become a primary factor in that formula whereby cartel oriented companies in the food and drug industry are able to use the police powers of government to harass or destroy their free market competitors.

"And thirdly, the FDA occasionally does some genuine public good with whatever energies it has left over after serving the vested political and commercial interest of its first two activities." - Barry Lynes, "The

Healing of Cancer" Marcus Books, Queensville, Ontario, Canada.

**1966** June 20 Meeting of Nobel Laureates: "The Prime Cause and Prevention of Cancer With Two Prefaces On Prevention." Dr. Warburg delivers revised lecture at the meeting of the Nobel Laureates at Lindau, Lake Constance, Germany. He is the Director of the Max Planck Institute For Cell Physiology, Berlin Dahlmer; English edition published by Dean Burk, National Cancer Institute, Bethesda Maryland, USA 1967.

**1969** U.S. Congress studies the FDA and states that 37 of the top 49 officials of the FDA who left the agency moved into high corporate positions with the large companies they had regulated.

**1971** Dr. Hans Wolf (President) and Prof. Dr. Siegfried Rilling (Vice President) founded The German Medical Society for Ozone Therapy.

**1972** The International Association For Oxygen Therapy, Dr. George Freibott, President, emerges. Association formed out of International Oxidation Institute, which came from the Eastern American Association for Oxygen Therapy

**1975** U.S. G.A.O. Government General Accounting Office studied the FDA and revealed that 150 FDA officials owned stock in the companies they were supposed to regulate.

**1976** The FDA publishes in the Federal Register 21 CFR 801.415 Dated 2/13/76, amended 7/24/85, and 9/27/89: "Ozone is a toxic gas with no known medical uses." Ed McCabe comments in "The Family News:" "Printing this statement in a publication paid for with our taxes is either a blatant attempt at suppression of truth from the highest levels, or one of the poorest research jobs ever done. It obviously favors competitive therapies, and ignores well over 50 years of safe and effective medical use on hundreds of thousands of humans - backed up with thousands of medical references and clinical studies in Switzerland, Italy, France, Germany, Australia, New Zealand, Mexico, and the U.S."

**1978** FDA reports 1.5 million people were hospitalized in the USA due to side effects from medication. On the other hand, medical ozone has been legally used in clinics worldwide on a daily basis since the forties. In Germany, Ozone side effects are typically minor irritations that are caused by incorrect application and quickly disappear. This side effect rate is incredibly far, far, lower than U.S. drug therapy side effect rates wherein each year approximately 140,000 people die from prescription drug usage. That's two and a half times more Americans than were killed in Vietnam.

**1979** First case of AIDS treated by medical ozone therapy. Dr. George Freibott, ND from the International Association of Oxygen Therapy saw his first AIDS case. A Haitian living in Avon Park, Florida came to him with Kaposi's Sarcoma mouth lesions and was treated with medical ozone in rectal insufflations, ozone colonics, and direct ozone IV injection off and on for 1 1/2 years, only once a week. All external lesions were healed.

**1979** Dr Hans Wolff publishes his book on ozone.

**1980** Aug 22nd Sweet F, Kao M S, Lee S-CD (Dept of obstetrics and Gynecology, Washington University School of Medicine, St Louis, Mo) and W. Hagar (St Louis Air Pollution Control) publish in "Science" Vol 209: 931-933, a U.S. peer reviewed scientific journal, their study: "Ozone Selectively Inhibits Human Cancer Cell Growth." They announce "Evidently the mechanisms for defense against ozone damage are impaired in human cancer cells." "All of the cancer cells (lung, breast, uterine and endometrial) showed marked dose-dependent growth inhibition in ozone at .3 and .5 ppm" while the normal cells were not affected. "Evidently cancer cells are less able to compensate for the oxidative burden of ozone than normal cells." They also stated that ozone inhibits cancer 40 to 60%, and up to 90% in a dose dependant manner, yet there is no response from mainstream medicine.

**1980** Jan The German Medical Society for Ozone Therapy commissioned Marie Theresa Jacobs and Prof. Dr. Dr. Hergetbegan from the University Kilnikum Giessen and the Institute for Medical Statistics and Documentation of Giessen University to begin an inquiry entitled "Adverse Effects and Typical Complications In Ozone Therapy." 2,815 questionnaires were sent out to all western German ozone therapists known by the Medical Society for Ozone Therapy (AGO, Arztliche Gesellschaft fur Ozontherapie). 884 went to physicians and 1931 to therapists.

**1980** May By now, The German Medical Society had collected 1,044 replies, or 37% of the total. The replies that were returned stated 384,775 patients were treated with ozone with a minimum of 5,579,238 applications and the side effect rate observed was only .000005 per application! The report also stated "The majority of adverse effects were caused by ignorance about ozone therapy (operator error)." The University of Innsbruck's Forensic Institute published Dr. Zacob's dissertation quoting this in The Empirical Medical Acts of Germany.

**1982** German medical textbook published: "Medical Ozone" 2nd Ed. by Dr. Ewald Fischer Medical Publications in Heidelberg.

**1983** "Ozone As Therapy In Herpes Simplex and Herpes Zoster Diseases;" Mattassi R. MD, D'Angelo F. MD, Franchina A. MD, Bassi, P. MD. Santa Corona Hospital, Division of Vascular Surgery and Neurology, Milano, Italy 58 cases of Herpes Simplex showed complete recovery in two to five days following ozone therapy. "Results, Herpes Zoster: in all patients healing of skin lesions were observed after a minimum of 5 and a maximum of 12 ozone injections. Herpes Simplex: all patients healed after 1-5 injections. (Daily endovenous injections of 20cc of an oxygen-ozone mixture.

**1983** June The chairman of neurosurgery at Jefferson Medical College in Philadelphia, Dr. Jewell Osterholm, announced that stroke damage can be reversed with spinal injections of an oxygen-rich mixture. Experiments on lab cats showed the procedure does reverse stroke damage.

**1983** May 24-25 - PROCEEDINGS - SIXTH WORLD OZONE CONFERENCE Washington, D.C. 412 page book: "Medical Applications of Ozone."

## International M.D.'s List 33 Major Diseases Successfully Treated With Ozone

"OZONE Removes viruses and bacteria from blood, human and stored... Successfully used on AIDS, Herpes, Hepatitis, Mononucleosis, Cirrhosis of the liver, Gangrene, Cardiovascular Disease, Arteriosclerosis, High Cholesterol, Cancerous Tumors, Lymphomas, Leukemia..Highly effective on Rheumatoid and other Arthritis, Allergies of all types...Improves Multiple Sclerosis, ameliorates Alzheimers Disease, Senility, and Parkinson's...Effective on Proctitis, Colitis, Prostrate, Candidiasis, Trichomoniasis, Cystitis... Externally, ozone is effective in treating Acne, burns, leg ulcers, open sores and wounds, Eczema, and fungus."

**1985** International Ozone Association publishes Robert A. Mayer's Experience of a pediatrician using ozone as a chemotherapeutic agent for the treatment of diseases of children. Medical Applications of Ozone, Julius Larau editor

**1985** Jan "The Biochemical Process Underlying Ozone Therapy" published in Germany by Renate Viebahn of Dr. J. Hansler GmbH, Germany submitted for publication April 1984 accepted for publication January 1985. Professor Viebahn is in constant contact with most all of Europe's ozone using clinics. Her paper demonstrates ozone's ability to ... disinfect and sterilize...employ bactericidal and virucidal mechanisms...is a circulatory enhancer...penetrates viruses.

**1985** Sept "The Basic Clinical Applications of Ozone Therapy" Siegfried Rilling, MD President of German Medical Association for Ozone Therapy publishes in German medical publication, received for publication January 1985, accepted for publication September 1985. Complete descriptions of almost all ozone therapies and suggested protocols, based on his lifetime of clinical practice.

**1986** Dr. Alexander Preuss in Stuttgart, FRG, "Positive Treatment Results in AIDS Therapy; OzoNachrichten 5 (1986) Heft 1/2, published case histories of AIDS patients treated with ozone who are now completely healthy and back at work. Details printed in "Oxygen Therapies" by Ed McCabe, Energy Publications, 1988.

**1986**, Dec 30, Patent # 4,632,980 was granted and now held by Medizone, Inc. NYC, NY. "OZONE DECONTAMINATION OF BLOOD and BLOOD PRODUCTS" Medizone states all stored blood can be decontaminated with ozone, and all HIV can be eliminated. Medizone applies for human test approval. Despite 50 years of medical ozone's use on humans by over 7,000 physicians, and flawless animal studies, the FDA won't allow human testing in the U.S.

**1987** Dr. Horst Kief, Heidelberg, FRG, announces successful treatment of 3 AIDS patients brought from Stage 8 back to Stage 1 at his German clinic using autohemotherapy ozone/1 gram vitamin C therapies. Dr. Kief states "You can kill the AIDS virus with ozone therapy... No side effects." 15 ARC patients exhibit "full remission." Gained weight, T cells went from 300 back up to 1500 (normal), gone back to work. "One patient was so weak he couldn't turn on the radio. After only 3 treatments, he walks to the bathroom unaided." Typical treatment twice a week (method now outdated), continues for 7 to 11 months.

**1987** Dr. Hans Neiper, an ozone using doctor in Hanover, FRG, worked with NASA, past president of a German Oncology in an interview by videographer Jeff Harsh, talks about his colon cancer work. Although he can't divulge the name of his patients, "President Reagan is a very nice man." And, "You wouldn't believe how many FDA officials or relatives or acquaintances of FDA officials come to see me as patients in Hanover. You wouldn't believe this, or directors of the American Medical Association, or American Cancer Association, or the presidents of orthodox cancer institutes. That's the fact."

## "The Use Of Ozone In Medicine"

**1987** Classic medical ozone textbook published by Karl F. Haug, Heidelberg, by Professor Siegfried Rilling, M.D. and Renate Viebahn, Ph.D, co-authors.  
225 OZONE MEDICAL REFERENCES AND

## OVER 48 DISEASES COMMONLY TREATED WITH OZONE

Including: "Abscess, Acne, AIDS, Allergies, Anal Fissure, Antiviral effect, Cerebral sclerosis, Circulatory disturbances, Cirrhosis of the liver, Menopause, Constipation, Cystitis, Bedsores, Dermatology, Fistulae, Funguses, Furunculosis, Gangrene, Gastroenterology, Gerontology, Hepatitis, Herpes, High Cholesterol, Colitis, Neurology, Dental Medicine, Tumors, Cancer, Orthopedics, Osteomyelitis, Parkinson's, Rheumatism, Proctology, Gynecology, Radiology, Raynaud's disease, Scars, Inflammation of the vertebrae, Stomatitis, Joint dystrophy, Surgery, Phlebitis, Open sores, Urology, Vascular surgery, Wound Healing."

**1987** March 8-12 K.S. Zanker presents ozone has benefit in cancer treatment paper at the 2nd International Conference on Anticarcinogenesis and Radiation Protection Gaithersburg Maryland "The selectively inhibitive effect of medical ozone prepared from pure oxygen on tumorous human cell cultures has been known for a long time, and has recently been confirmed once more." - Washuttl, Viebahn, and Steiner reviewing this study.

**1987** Cuban (FDA equivalent) National Inst. For Scientific Research conducts ozone animal studies proving ozone is non-toxic, non-mutagenic, non-carcinogenic. (Ozone won't cause toxicity, mutations or cancer)

**1987** Strahlenther Onkol (German Cancer Journal) 1987;163:37-42 "Zur Wirkung von Ozone und ionisierender Strahlung am In-Vitro-Modell - eine Pilotstudie an vier gynakologischen Tumoren" Karlic H., Kuccra H., Metka M., et al "Recently, evidence was provided that ozone has a selective effect on an ovarian carcinoma, two solid adenocarcinomas of the ovary and one endometrial carcinoma." - (Zanker/Kroczeck)

**1987?** FDA contacts 15-20 MD's who have bought Hansler German ozone machines from a U.S. importer (McGrath/Boeve) and demands they all turn in the generating tubes. Some comply, some ignore them.

**1987** H G Knoch, W Roschke, W Klug publish in The German Articles of Colo Proctology (Aktuelle Koloproktologie) 1987; Band 4: 161-173 "The use of Ozone Therapy In Proctology" (Die Sauerstoff-Ozontherapie in der Proktologie" After studying the work of Leipzig Surgeon E. Payer since 1936, they stated "It is known that the rectal application of oxygen/ozone has a therapeutical effect on diseases of the rectum and colon.

Animals. Animal experiments were conducted to clarify the O<sub>2</sub> diffusion through the wall of the colon, and the increase of PO<sub>2</sub> in the venous and arterial blood flow...when O<sub>2</sub> and O<sub>2</sub>/O<sub>3</sub> gas insufflation was applied." Using 10 rabbits averaging 2500 g rectal insufflation was applied. After O<sub>2</sub>/O<sub>3</sub> gas was applied at 5.1 mg over 10 seconds, the PaO<sub>2</sub> was up 300%. O<sub>2</sub> diffuses through the wall of the colon and increases the O<sub>2</sub> concentration in the vascular system and the liver.

"Due to the known properties of ozone (bactericidal, circulatory enhancement, virucidal, fungicidal, hemostatic, wound leaning and metabolic stimulant), its rectal application is also recommended for human patients."

Clinical human examinations: "An adult human tolerates 800 ml of an ozone/oxygen gas mixture applied rectally over a period of one minute without any complaints." "Gas absorption is slow, on average within one hour." Both the oxygen and the oxygen/ozone mixture is absorbed through the wall of the large intestine, enters the blood stream and results in a PaO<sub>2</sub> increase within the entire organism." "No adverse effects occur when ozone is applied."

(Ozone is) Recommended for colitis and proctitis and is "superior to all previously known methods of therapy. In proctology, we view the indication of rectal insufflation to be valid for colitis." " 16 patients with hepatitis B were given ozone and compared to a control group. Those who got the ozone had an increase in wellbeing and 75% of those treated could be placed in the "healed" category within a period of 14 days.

**1988** Historian Eustice Mullins writes: "The Office of Technology Assessment of the U.S. Government states that 95% of the prescription and over the counter drugs on the market have not been proven to work."

**1988** "International Bio-Oxidative Medical Foundation" Charles H. Farr, M.D. President, is formed by several hundred U.S. M.D.'s trying to advance oxygen therapies in the U.S. by publishing their successful clinical results. Yearly meetings attended by physicians from all over the world.

**1988** Dr. Gerard Sunnen publishes: "Ozone in Medicine: Overview and Future Directions" in The Journal of Advancement in Medicine. Dr. Sunnen, at the Bellevue Medical Center in New York City, lists medical ozone as commonly being used worldwide on: "Herpes, AIDS, and Flu. Wounds, burns, staph infections, fungal and radiation injuries, and gangrene. Colitis, fistulae, hemorrhoids and anal infections. It promotes healing. Blood ozone treatments have been used to treat virus infections including: AIDS, hepatitis, flu, some cancers, diabetes and arteriosclerosis. Used in dental surgery, periodontal disease, mixed in water and swallowed for use on gastric cancer, and applied as a wash in intestinal or bladder inflammation. Mixed with olive oil it is used on fungal growths and skin ulcers. Ozone baths are used to irrigate the skin, to disinfect and treat eczema and skin ulcers. "All of the world's blood supplies may be made bacteria and virus free (AIDS, etc.)

by passing 40-50 mcg/ml of ozone through them."

**1988** "OXYGEN THERAPIES" book by Ed McCabe lists 5 AIDS case histories showing successful treatment by ozone, and lay translation of paper based upon 74 medical references proving ozone's effectiveness in disease treatment. First widely distributed international publication in history to describe effectiveness of every known oxygen therapy, those being commonly self administered, and those administered under a physician's care. Becomes best seller.

**1988** June Dr. Scott Ricke and inventor Basil Wainwright conducted an HIV in vivo scientific study involving five patients in Nogales, Mexico. In just ten days of treatment, Ozone and a new AIDS monoclonal measurement process developed by Epitepe, Inc. demonstrated a reduction of 28% and higher of viral activity.

**1988** July "The Treatment of Viral Diseases with Ozone" published in "Erfahrungsheilkunde," Number 7, July 1988 by Dr. Horst Kief "Ozone is highly effective against viruses... The present study provides statistical proof of its extraordinary efficacy in cases of chronic aggressive hepatitis... In the case of AIDS and ARC patients,... hyperbaric ozone therapy can lead to astonishing improvement in the clinical status..."

**1988** Sept Dr. William Closson, M.D. working with Basil Wainwright at Brunswick Blood Laboratories establish that the precise non- cytotoxic window of ozone concentration to achieve maximum HIV viral inactivation is 2% by weight, or approximately 27 micrograms per milliliter.

**1988?** Boguslaw Lipinski, Ph.D., Boston Cardiovascular Health Center and Tufts University School of Medicine, Wellesley, MA publishes "Rationale For Treatment Of Cancer With Ozone." Citing 35 medical references, Dr. Lipinski concludes "Preliminary clinical studies indicate that oxidative therapy might produce desirable results in cancer treatment."

**1988** Sep Dr. Horst Kief presents his findings at the Fourth International Conference on AIDS. He followed 13 AIDS patients for 12 months of treatment, Kief suggested that the absolute CD- 4 count could be increased in such patients and their T<sub>4</sub>/T<sub>8</sub> quotient returned towards normal through ozone Therapy.

**1989** William Campbell Douglass, M.D. publishes "AIDS, The End Of Civilization" In it he says, "At present we have the ambulance- at-the-bottom-of-the-cliff mentality in which the only solution entertained is to pick up the bodies rather than go to the top of the cliff and solve the problem." Dr. Douglass visited scores of empty villages in Africa where whole tribes had died of AIDS. He reports seeing mound after mound of burial sites along roadsides in which natives were buried when and where they fell dead. Dr. Douglass now actively promoting blood ozonation\UV (photophoresis) treatments in the U.S.

**1989** April-May Raum and Zeit Vol 1, No. 1, "The Treatment of Virus Infections with Ozone-Oxygen Mixtures;" Alexander Preuss M.D. (Preuss's work was featured in Ed McCabe's book "Oxygen Therapies" in 1988) He cites 8 of his AIDS case studies wherein ozone therapy had dramatically improved their health. "Therefore I may conclude that AIDS in the state of an opportunistic infection is treatable for at least 17 months - nobody has to die from it any longer."

**1989** July "Ozone Science and Engineering" Vol 11 pp. 411-417 publishes Immunological Examinations In Patients With Chronic Conditions Under Administration Of Ozone/Oxygen Mixtures;" J. Washutti, R. Viebahn, I. Steiner "... a significant increase in IgG, the most important immunoglobulin in the immune system... must be assessed as an immunostimulation. ...no immunosuppressive effect occurs,... On a long term basis, no kind of immunosuppressive behavior caused by ozone application can be found in the dosage range selected.

**1989** July 6th "Ozone Science and Engineering" Vol 12 pp 65-72 publishes The Influence Of ozone On Tumor Tissue In Comparison With Healthy Tissue" J. Washutti, R. Viebahn, I. Steiner "The in vitro results clearly show that a pronounced influence on tumor metabolism, which does not occur in healthy tissue, is indeed possible with ozone. Because, here in particular, the respiratory cycle and glycolysis as well as general oxygen utilization in tumor tissue are positively influenced by ozone therapy..."

**1989** Aug 8th "Newsweek" Vol. 114, No.6, P. 50 A highly developed AIDS underground composed of entrepreneurs and AIDS activists smuggles unsanctioned drugs and even an ozone- injection machine into the United States. Desperate people feel the underground network is the only hope they have.

**1989** Sep Dr. Harald Vetter ND of 8126 Hohenpeissenberg, Germany publishes "AIDS, Can Ozone Help?" the meticulously documented results of his application of 600 ml autohemotherapy ozone therapies to 100 patients with AIDS (44 with AIDS / WR 6, 47 with ARC / WR 3-5, 9 with Lymphadenopathy (LAS) / WR 1-2. An insurance expert reviewed a typical case and declared such dramatic improvements are in fact almost incredible.

**1988** Oct 26 Associated Press "Ozone may limit AIDS Symptoms?" Bethesda Naval Hospital's Dr. Kenneth Wagner reports ozone stopped the HIV virus from multiplying, and left cells undamaged. Dr. Steven

Kleinman from The American Red Cross says it should be experimented with further. AP then reports on Dr. Carpendale, Chief of Rehabilitative Services at the San Francisco VA Hospital's ozone study controlling diarrhea, and possibly hindering the AIDS virus.

**1988** Nov 28 "Insight" Vol. 4, No. 48, P. 56 by Dina Van Pelt. Ozone may be able to kill HIV without harming infected blood cells. The Bethesda Naval Hospital in Maryland conducted tests on HIV infected blood in which ozone killed the virus without damaging the cells that contained it. Dr. Kenneth F. Wagner, senior research physician for HIV research at the Henry M. Jackson Foundation for the Advancement of Military Medicine in Rockville, MD., says that European physicians have safely used ozone to safely treat viruses for years. In a study of five patients at San Francisco's VA Hospital, all five showed significant improvement without signs of toxicity.

**1989** FIRST MODERN U.S. HOSPITAL TEST OF OZONE ON HUMANS STOPPED George Perez, M.D., Dir. of Virology at Saint Michaels Med Center, Newark, NJ, and Chief Investigator of the hospital's Institutional Review Board was commissioned to undertake a 75 day institutional review board supervised ozone/AIDS protocol. 5 terminally ill AIDS patients underwent only 15 days of ozone treatments at Saint Michaels Hospital in Newark, New Jersey. The T4 counts of the patients were from a low of 5 to a high of 86. At the start, one was so badly covered with herpes lesions he couldn't wear clothes. All had T-cell counts of below 200. By the end of the 15 days each treatment, the herpes patient's skin had healed, and all had been released from the hospital. No adverse side effects or toxicity could be found. T4 counts remained stable or increased. Viral protein core (p24) counts decreased - indicating mass virus destruction. Four M.D.'s state ozone therapy is non toxic, and should be adopted. Due to political pressure, the tests were aborted.

Comment: "Political pressure" means that after the fact, the FDA forced Dr. Perez to sign a bogus statement that ozone is "worthless," or he was through as a doctor, and the hospital would never get any more millions in funding. Heavily censored copies of this are available through the Freedom of Information Act.

**1989** Nov Cuban M.D.'s successfully treating sickle cell anemia, ankle ulcers, farm accidents, and ocular (RP, retinitis pigmentosa) disease. James Caplan, CAPMED/USA and Dr. Manuel Gomez, National Institute for Scientific Research, Havana, Cuba have patent pending for treating sickle cell anemia disease crises and ulcers with oxygen/ozone. They began large scale human trials leading to Cuban Ministry of Health approval for general use of ozone for sickle cell anemia, ulcers, and topical wounds. Ozone had been approved for the treatment of retinitis pigmentosa before the sickle cell anemia started.

**1989** "Ozone In Medicine, Vol 3" Proceedings of The Ninth World Ozone Congress, New York, published by International Ozone Association of Zurich. 14 presentations of the medical therapeutic applications of medical ozone by bona fide international M.D.'s and scientists.

**1990** Jan 24 The Canadian National Defence Headquarters wrote to Health and Welfare Canada Bureau of Biologics, "Ozone Therapy in AIDS / project #231, Summary of Findings." Significant positive response in CD4 counts. No detrimental effects on absolute CD4 counts. "Contrasted with the control samples which quickly became (highly) positive for HIV-1...These data clearly demonstrate that no HIV-1 activity was detectable in any of the ozone-treated samples. It would appear that this form of therapy constitutes a potent means of inactivating HIV-1 in contaminated blood supplies, and may also provide a means for patient specific "autovaccination" in selected cases." They strongly asked for more funding to continue the research.

**1990** Experimental Chemotherapy 1990;36:147-154 "In vitro Synergistic Activity of 5-Fluorouracil with Low-Dose Ozone against a Chemoresistant Tumor Cell Line and Fresh Human Tumor Cells" "Our results indicate that ozone in combination with 5- fluorouracil (5-FU) makes a 5-FU resistant cell line susceptible for the combined treatment modality. Furthermore, ozone acts synergistically or at least additive to chemotherapy in different tumor cell suspensions, derived from the breast and the colon."

**1990** April-May University of Bologna Italy department of optical physiology publishes in Panminerva Medica "Effects of Oxygen-Ozone Therapy on Age Related Retinal Macular Degeneration" "The majority of patients showed an improvement of their ocular condition."

**1990** Haematologica, 1990 75:510-5, famous European Medical Journal publishes the work of Velio Bocci and Luana Paulesu "Studies On the Biological Effects of Ozone 1. Induction of Interferon On Human Leucocytes." sponsored by grants from the Italian Ministry of Education. "...ozonation of blood is a medical procedure followed in several countries for treatment of viral diseases... we feel that the exploration of the effects of ozone on PBMC (peripheral blood mononuclear cells) has opened a new field of investigation that may yield useful results both in biological and practical terms. Ozone or its reactive oxygen species may act mainly via the stimulation of PBMC and release of lymphokines. The hypothesis can be made that ozone could lead to the release of tumor necrosis factor (TNF), interleukins (ILs) and IFN (interferon, a powerful

antiviral protein with immunomodulatory activities could produce some benefits in patients with viral diseases)." (See the rest of the study 1991, Nov 5th)

**1991** Susan M. Lark, M.D. Los Altos, CA sends Ed McCabe a draft copy of her article entitled "Ozone and Its Uses In Medical Therapy". She reviewed the research studies on ozone therapy and concluded "the studies find benefit in the clinical use of ozone for a variety of conditions with a minimum of side effects." She told Ed "After a decade of product development/research with oxidative modalities, I have found ozone/oxygen therapy to be one of the most powerful and effective therapeutic modalities I have ever worked with."

**1991** March, Proceedings of the 10th World Ozone Conference in Monaco "The efficacy of O<sub>2</sub>/O<sub>3</sub> Low Pressure Application In Badly Healing Wounds" Horst Werkmeister - Former head of the Radiography Department, Lutheran Hospital, Oberhausen Germany. "There is little inconvenience to the patient, ozone is not capable of engendering further damage, and produces a significant stimulation of wound healing in a large number of cases due to its disinfectant and pronouncedly hyperemizing effect. If applied early enough, it is often able to prevent the development of large lesions. The unprejudiced presentation of wound developments following the application of ozone/oxygen gas treatment on the basis of measurement values given above has the aim of encouraging a wider and more frequent application of this method as it has shown its efficacy in many severely affected patients."

**1991** March, Proceedings of the 10th World Ozone Conference in Monaco "Resolution of Intractable Diarrhea of Unknown Etiology in Patients With AIDS Treated by Medical Ozone - A pilot study." Ozone rectal insufflation stops AIDS patients' diarrhea.

**1991** Apr Erfahrungsheilkunde Vol 40, No. 4 "Ozone Therapy - The underlying Therapeutical Concept And Models Of Efficacy." Renate Viebahn-Hansler "Due to its very specific reaction, medical ozone, as a pharmaceutical agent, has an accurately defined range of efficacy... According to the dosage and concentration range, we make use of the different properties of ozone, i.e.: its germicidal action (by oxidative destruction), its inability to inactivate microorganisms, and its restitutive effect (at a low concentration range). This involves three major indications: external ulcers and severe skin lesions, diseases of viral and bacterial origin, and arterial circulatory disturbances. The restitutive effect of ozone can be understood via its oxidative influence on the oxygen metabolism, the induction of specific enzymes and the activation of immunocompetent cells.

**1991** Oct 1 Peer reviewed "JOURNAL OF THE AMERICAN SOCIETY OF HEMATOLOGY" In a major breakthrough for U.S. medical thinking, three years after the study concluded, the ozone/HIV work of M.D.'s Wells, Latino, Galvachin, and Poesz is published in a well respected U.S. peer reviewed medical journal. Their article:

"Inactivation Of HIV Type 1 by Ozone In Vitro" appears in "Blood Journal, Volume 78 Number 7, Oct 11, 1991, pg. 1882" describing the research coordinated by Dr. Bernard Poesz from Syracuse State University of New York Research Hospital. They performed 15 replications of an ozone study that interfaced ozone with HIV infected factor 8 blood. The ozone completely removed the HIV virus from the blood 97 to 100% of the time, yet was non-toxic to normal healthy blood components. Ed McCabe announced this study back in 1988, in his "Oxygen Therapies" book.

**1991** OCT Dr. Michael T. Carpendale M.D. Veteran's Administration Hospital, San Francisco, and Joel Freeberg M.D., UC Medical School San Francisco, Bay Medical Research Foundation, San Francisco, publish in The Journal of Antiviral Research 1991; Volume 16 Number 3 :281-292 the following medical paper:

"Ozone Inactivates HIV At Noncytotoxic Concentrations "HIV (p24) was reduced in all ozone treated cultures compared to controls."

Dr. Carpendale also privately published "Ozone Treated HIV+ patient Becomes PCR Negative", the stories of two ozone rectal insufflation using AIDS patients - one who became PCR-.

**1991** Dr. Robert Mayer (using ozone over 50 years, since the forties) has late stage AIDS patients in his research center clinical study some who only have a count of 5 T cells. Normal is 600-1500+. Although they have a count of only 5 T cells, they are completely healthy. In a hope indicating development, local FDA office told Dr. Mayer to go ahead and use ozone, as long as he only makes it himself in his own office with his own self manufactured machine.

**1991** A brave humanitarian U.S. M.D. (Dr. J.B., ret.) in a southern state comes forward with his secret clinical ozone/hyperbaric therapy results. All his testing was performed at a major hospital and within independent labs. Out of 248 HIV POSITIVE patients he reported bringing 113 to HIV NEGATIVE, each within 60 Days, using ozone autohemotherapy immediately followed by hyperbaric therapy.

**1991** Publication: The use of ozone-treated blood in the therapy of HIV infection and immune disease - a

pilot study of ozone safety and efficacy. "AIDS" 5:981-984. G. Garber, D Cameron, N Hawley-Foss, D Greenway and M. Shannon.

This is the study the detractors of ozone like to quote to falsely try and prove it doesn't work. In an early Canadian establishment attempt to see if there is any validity to ozone, and to see if it was safe, a poorly designed and executed protocol was used in a pilot study by well meaning but unexperienced practitioners. The trial was sponsored by the Ottawa General Hospital Infectious Disease Division, Canadian Health and Welfare, Canadian Federal Center For AIDS, Department Of National Defence, and The Mueller Medical Company of Canada.

Comment: Poorly designed because the study only gave 10cc's of ozone into a muscle (dismissed by Aubourg in 1938 as too painful and ineffective), not I.V., and not enough to do any good, and not for a long enough time period. How are you going to clean up the 100 plus pounds of water that humans are by putting 10cc's into a muscle only three times a week? The daily environmental toxic load intake on the body alone would quickly negate any benefit, let alone the stress of a disease like AIDS!

Poorly executed because during the second half of the too short study, the principals admitted the ozone machine had broken, and wasn't producing any ozone, yet they ignored this fact when they wrote up the second phase of the study!

So, they used a protocol that any serious practitioner would laugh at, and based their conclusions upon false data. They then compounded their errors by seriously overstepping their boundaries and wrongly making the unjustified broad pronouncement that "Ozone therapy does not enhance parameters of immune activation nor does it diminish measurable p24 antigen in HIV-infected individuals."

The tragedy of allowing such studies to be published, and such pronouncements to be made, is that this false conclusion is often repeated by the FDA to our elected representatives while they ignore the thousands of studies that show ozone does work. This intellectual dishonesty is used to politically justify barring further real research that would eliminate suffering and save lives.

**1991** Nov 5th Lymphokine and Cytokine Research Vol 10, Number 5, 1991 publishes "Studies on the Biological Effects of Ozone: 2. Induction of Tumor Necrosis Factor on Human Leucocytes, Luana Paulesu, Enrico Luzzi, and Velio Bocci. "Because ozonation of blood is a procedure followed in several European countries for the treatment of viral diseases and tumors, the release of factors with antiviral and immunomodulatory activities by leukocytes may explain the mechanism of action of ozone and of autohemotherapy." The "ozone concentration is critical in terms of TNF production and of cell mitogenesis. Owing to the presence of erythrocytes, higher concentrations are required to be effective in blood than in PBMC."

**1991** Dec Dr. Robert Mayer joins the doctors reporting patients sero-converted to HIV NEGATIVE through use of ozone autohemotherapy.

**1991** Major northeast area university scientist in conjunction with BSME engineer/researcher J.W. (names withheld by request to prevent being closed down by big money interests) undertaking two year plus microbe group eradication study using ozone equipment. Reporting 100% kill in vitro in 20 studies completed. Ft. Lauderdale police sergeant associated with FL Wainwright case phones one of the researchers and warns them, "You will be part of a criminal conspiracy if you continue to study ozone's effectiveness."

**1991** Medizone ozone company negotiating with Canadian Armed Forces to commence 2 1/2 million dollar ozone research study to commence in 1992, comprised of animal studies, blood sterilization studies, human trials, the works.

**1992** Jan Captain Michael Shannon, Deputy Surgeon General for the Canadian Naval Forces has 350 scientists under him. He is commencing a 2 1/2 million dollar ozone medical research study that will including blood sterilization, animal trials, and more. The Canadian Government realized that if a major event occurs, their army's blood supply would be inadequate in its present condition. He states "With thousands of people going to Europe yearly at a considerable cost to get this treatment - there must be something to it."

**1992** May 8th Associated Press: Dr. Wayne Jonas, Walter Reed Army Institute of Research. Testifies before the North Carolina legislative panel. "Requiring that current medical practices be based on solid scientific evidence is building our house on a rock. Requiring that such practices be 'prevailing' is building that house on sand. What is prevailing in medical practice shifts with the wind of opinion and the tide of profit."

**1992** June Author Ed McCabe begins working closely with former U.S. Congressman Berkeley Bedell. They decide to have Ed invited to testify before the newly-created National Institute of Health's Office of Unconventional Medicine. He testifies that, "Due to the many interviews I have conducted, it is my opinion that the AIDS problem has been solved. If immunity from state, and federal, and agency, and medical board prosecution could be assured, these humanitarian doctors would gladly make available their knowledge for

the public good. I stand ready to do the same. They don't even need your money, they'll fund it themselves. If we can get ozone doctors immunity from prosecution, within 90 days the only thing left to do would be to implement the existing solution."

Ed and Berkeley decided that they need an MD to be there as well, and chose Dr. John Pittman from North Carolina to represent the ozone using doctors undergoing political harassment. Dr. Pittman told his story of being closed down even though the therapy was working.

**1992 June** Ed McCabe and Dr. John Pittman meet with Dr Killian, Deputy Director of the NIH's N.I.A.I.D. (AIDS institute). He and his assistant were very enthusiastic about ozone once they saw the proof they were brought that ozone was successful in treating AIDS patients. Later, upon follow up, they were very closed mouthed, without enthusiasm, and acted like they never heard a word they were told.

**1992 Bolton, A.** "Report on Scientific Studies to Elucidate "Ozon-O-Med" Treatment of Peripheral Vascular Disease" Intermune Life Sciences, Etobicoke, Ontario, 1992

**1992 July** Ed McCabe went to Washington on July 22nd, 1992. The trip was made after setting up private meetings with 2 U.S. Congressmen to coincide with the meeting that former Iowa Congressman Berkly Bedell and Ed McCabe had set up on the same day with U.S. Senator Tom Harkin, the former Presidential Candidate.

Mr. Bedell and Mr. McCabe decided to invite 2 doctors that had each brought a patient from HIV+ to HIV-. They also invited Jim Caplan, the man responsible for convincing the Cubans to approve medical ozone therapy for general use, and Dr. John Pittman, an ozone using doctor, and one of his recently denied treatment AIDS patients. Dr. Pittman's office was closed down by the North Carolina state medical board in the middle of successful clinical ozone trials due to "ozone not being FDA approved." They visited the Congressmen, were warmly received at each meeting, and ended up in turn at Senator Harkin's office for our meeting with him, where they were joined at this point by Dr. Michael Carpendale and his boss from the San Francisco Veterans Administration Hospital.

Senator Harkin scheduled us for only a 1/2 hour meeting, but he was so intrigued by our proof that we discussed ozone successfully treating AIDS with him for one and one half hours. He immediately decided to set up a meeting between us and the NIH's (National Institute of Health) Institute of Allergy and Infectious Diseases Director, Dr. Anthony Fauci. The AIDS "problem" comes under the jurisdiction of this institute, and Dr. Fauci has been referred to as the U.S. Government's "AIDS Czar." Senator Harkin is on the NIH appropriations committee, so he has their ear.

**1992 Aug** On August 20th we met in NIH's building 31 wing 7A room 24 with Dr. Fauci and his boss Deputy NIH Director Dr. Moskowitz. Also present were Dr. Hill, Dr. Killan, and other legislative and legal aides. Mike Hall and Marina Metallios were there to observe for Senator Harkin's Office. About 30 people attended. We presented our two ozone treated patients who no longer were HIV+, and no longer had fevers, swollen lymph nodes, diarrhea, pain, night sweats, weight loss, or any other manifestation of the AIDS/ARC disease. We handed Dr. Fauci and the others copies of their medical documentation, and they listened to Doctor Carpendale and one other doctor and their former AIDS patients. Dr. Latino from Medizone spoke of the flawless ozone animal trials that had already been done by Medizone. Dr. Pittman and one of his patients made emotional pleas for the open medical use of ozone so he could finish his clinical ozone trials. I asked for the same, gave them a brief 50 year history of the effectiveness of medical ozone on hundreds of thousands of people in Europe, and cited ozone's perfect safety record in millions of dosages. We made a sound, experienced, documented, and reasonable case for the immediate investigation of ozone's effectiveness in treating AIDS successfully. I also asked if anything could be done to influence the FDA to halt its suppressions of ozone-using M.D.'s. We were told that the NIH had no power over the FDA.

Comment: Picture this. Here's our small but dedicated group gathered at a round table with the U.S. Government's official AIDS policy makers. Around the outside of the table are aides, secretaries, assistants, and division chiefs. There were no big corporations funding us, as is usually the everyday case at these meetings. Although the NIH people only had to walk down the hall to be there, we all had to take time out from work and pay our own considerable travel, hotel, and meal expenses. We came from all over the country simply to help our fellow countrymen dying from AIDS. We were sitting right there at the table with two now perfectly healthy former AIDS patients testing HIV negative - one PCR (Polymerase Chain Reaction - a test for any of the seven nucleotides of the HIV virus itself) negative, and one Western Blot/Elisa (HIV antibody presence) negative. We were sitting there with the examples and their records showing complete eradication of all secondary diseases, their actual doctors, a politically harassed-doctor and his patient who can't get the treatment, and several thick notebooks of ozone medical references from the U.S. and Europe. What answer did we get? "We see no reason to pursue this." Let me repeat that: "We see no reason to

pursue this." And, "They are obviously so healthy that they must not have had the disease." And, "We won't look at this treatment unless you have the patients PCR tested twice before treatment proving the presence of the HIV virus, stored blood from when they were positive, two PCR tests during treatment, and two PCR tests after ozone treatment proving the absence of the virus." What a reply from an institution funded by our tax dollars to find a cure for AIDS while people suffer and tragically slowly waste away. Not exactly encouraging was it? The weight of evidence sitting right there was enough to immediately investigate ozone, without adding all the new requirements on. The NIH has billions of dollars, and they could have done something after all we went through, you would think they could have at least made some phone calls to other doctors and patients as a goodwill gesture, but to only say in effect, "Go home"? Even though they did give us a clearly defined goal to shoot for, I couldn't help feeling that the goal line was just moved way back. Analysis: Here's the problem with the current NIH reasoning:

1. Although they said they were unknowledgeable about the FDA's history of seizing ozone machines, harassing ozone using doctors, and forcing doctors to falsely claim ozone as worthless, they did hear me tell them of all this and how hard it was to get any doctors to show up at all to testify and present evidence to them. How can anyone conduct open trials on this beneficial treatment if the FDA will close them down as soon as they open the doors?

2. Promoting the unproven "HIV causes AIDS" scenario, they want 6 PCR HIV tests, each costing around 350 dollars. Total of \$2,100+ per patient. First of all, there are several PCR tests around, and none of this is covered by insurance, so which PCR test will they believe? And who's going to pay for it? The ozone doctors are financially strapped, and the AIDS patients have already spent their savings on hospitals, doctors and drugs like AZT, DDI, and etcetera. There were also no PCR tests commonly available back when the patients we brought in first tested HIV positive, so having PCR's on them was an impossible requirement! Also, many of the patents on ozone therapy are now in the public domain, so no pharmaceutical company will support research.

3. They told us, via their announcement that they will not consider ozone unless we met the new PCR requirements, that the HIV virus is the ONLY thing to look for. Nowhere has it ever been proven that the HIV virus is the only definitive cause of AIDS; it was simply announced one day in the media as a probable cause. Dr. Gallo's work "HIV causes AIDS" was proven fraudulent. According to the latest international AIDS conference held in Amsterdam (1992), people die from AIDS who never test positive for HIV! The virus is probably only a promoter or possibly a co-factor of the disease. So why judge ozone's effectiveness upon the presence or absence of a possibly non-essential virus? Why ignore the most significant facts proving complete eradication of all secondary diseases and symptoms? This is a far more compelling test of whether or not to immediately begin research into ozone, if those who suffer can have their suffering eliminated, whether or not they test "PCR negative."

Comment: What about the quality of their life since ozone all by itself? The way the Center For Disease Control has decided to officially classify if someone has AIDS or not tells the story. They look for the presence of several "hallmark" diseases all occurring at once. Both patients that we brought in had completely eliminated their secondary infections and any clinical symptoms. Therefore by definition, besides testing HIV negative, they no longer had AIDS according to CDC guidelines! The real live people with their medical records and blood tests were sitting right in front of the NIH employees - yet they could not see. Or they chose not to see. Let's hope more practical thinking will win out in the end.

Just so you understand medical ozone in the proper treatment of AIDS, a few shots of medical ozone are not going to be magic bullets. Successful ozone AIDS treatment has always been 2 to 5 hours a day of a number of oxidative and other therapies for three to six weeks in a row, depending upon the particular aggregate methods employed. These methods are always combined with lifestyle changes, proper diet, eliminative organ cleansing, a spiritual or moral balance to help eliminate denial of self, and the inclusion of an immune system rebuilding regimen.

6 U.S. doctors have reported to me over 200 people turning HIV negative. I also have video interview proof that this therapy is remarkably effective on cancer and even diseases like multiple sclerosis. As a society we should look in the direction of ozone soon, instead of watching more die needlessly as we continue chasing the old ways that obviously don't work.

**1992** Sept "Research and Development Bulletin" No. 234 Science and Technology section of the Canadian Government's Supply and Services Dept publishes "Better Blood Sterilization With Ozone." "Under a \$303,943 contract with the Surgeon General's Branch of Department of National Defence [DND] Headquarters, researchers from the National Reference Laboratory at the CRCS are investigating two ozone sterilization technologies to confirm their reported efficacy in deactivating a variety of potential viral

contaminants in blood, including HIV-1 and hepatitis... In Europe an estimated 350,000 people were treated with ozone between 1980 and 1985. The University of Bonn reviewed these cases and reported virtually no side effects of ozone therapy when properly administered... 'The products of this research have worldwide applications,' says DND's Capt. Shannon. 'In the right concentration, ozone sounds almost too good to be true. We're trying not to be overly enthusiastic, but the data so far is very compelling.'"

**1992** Acta-Chir-Plast. 1992; 34(3): 182-4 "The use of ozonotherapy in nose correction operations" Kawalski, H. Sondej J., Cierpiol Tracz E. Positive results of application of ozonotherapy in rhinoplasty are described. 25 patients were administered ozone intravenously for 3 days prior to operation and days post-operatively, resulting in a significant reduction in post-operative complications duration as compared with the control group consisting of 20 patients who were not administered ozonotherapy. - From Medline

**1992** Sep Medical Hypothesis. 1992 Sep; 39(1): 30-4 "Ozonation of blood for the therapy of viral diseases and immunodeficiencies. A hypothesis." By V. Bocci. In the last three decades major ozone autohemotherapy has been used in Europe in uncontrolled trials carried out in patients with many illnesses, particularly chronic viral diseases and neoplasms. It appears that the treatment may activate the host's immune system by inducing the production of immunoreactive cytokines, and it may now be possible to rationalize the procedure, improve the regimen and assess the outcome... Once this is done, owing to the large range of medical applications and the simplicity of the procedure, autohemotherapy could become very valuable particularly in undeveloped countries. - From Medline

**1992** Oct Pol-Tyg-Lek 1992 Oct 19-26; 47(42-43): 964-6 (Non English Polish Medical Journal) "Clinical assessment of treatment results for Atherosclerotic ischemia of the lower extremities with intraarterial ozone injections" Seven Polish researchers gave 10 injections of O<sub>3</sub> into the femoral arteries of 50 patients with atherosclerotic ischemia of the lower extremities and to 49 diabetic patients. "The treatment showed a significant improvement in both groups... The treatment with O<sub>3</sub> is both valuable and safe." - From Medline

**1992** Dec Aids Patient Care Magazine publishes in Vol. 6 No. 6 "Point Of View: A Case For Ozone Therapy" by Ed McCabe. This was a reprint of Mr. McCabe's testimony before the NIH Office of Unconventional Medicine. "I have interviewed six U.S. M.D.'s who, independent of each other, have collectively reported bringing over 300 AIDS patients to HIV negative status (confirmation with Western Blot, ELISA, and PCR), including complete eradication of any secondary disease factors such as energy loss, weight loss, diarrhea, etc."

**1993** Feb Dr. Simi Khanna MBBS;DHOM publishes "Ozone-Oxygen Therapy, Treatment at Last" from her office in the suburbs of London, England. She indicates 31 common disease conditions routinely treated by ozone. She discovered "'magical' Ozone- Oxygen therapy" (her words) after it personally brought her back from the brink of death - four and a half months of fever, sleepless, itching-rash, swollen and painful joints, rapid weight loss, after nothing else worked (two hospitals and 112 different medical tests).

**1993** April Journal Of The Canadian Medical Association - Medical Science News (Can Med Assoc J 1993; 148(7) pg 1155) "Are Worry Free Transfusions Just A Whiff of Ozone Away?" by Albert C Baggs, BSc.

"Scientists in the U.S. and Canada are investigating the use of ozone to destroy the HIV virus, the hepatitis and herpes viruses and other infectious agents in the blood used for transfusion. The studies were endorsed by medical circles of the North Atlantic Treaty Organization (NATO) because of a concern that viral pandemics have compromised the ability of world blood banks to meet urgent and heavy military demands."

"...In a brief to the NATO Blood Committee the surgeon general of the Canadian Armed Forces reported upon Canadian findings that ...a 3 minute ozonation of serum spiked with one million HIV-1 particles per millilitre would achieve virtually 100% viral inactivation. It was also found that the procedure would destroy several other lipid-encapsulated viruses, including simian immunodeficiency virus and various strains of interest to veterinarians." The journal report described the work of Mueller Medical and Medizone International.

**1993** May American Surgery Journal 59(5): 297-303 "Irrigation of the abdominal cavity in the treatment of experimentally induced microbial peritonitis: efficacy of ozonated saline." Nine researchers implanted gel capsules of fecal slurry into the peritoneal cavities of rats. "Ozonated saline statistically proved the most effective irrigating solution for reducing abscess formation in survivors."

**1993** May H. D. Wolfsteadter, Berlin MD publishes "Ozone Therapy" under the auspices of the International AIDS Society - Natural Alternative Traditional Complementary Medicine. NATC of the IAS."... the more recent results in viral research, especially the results of the in-vitro experiments on 'retro-viruses' and activating effects on the immune system, will make ozone therapy an interesting subject of modern research in the foreseeable future. There is unanimity in recognizing an urgent need for clinical clarification of the effectiveness of ozone therapy based on the claimed indications."

**1993** June 2, 1993 Headline: Medizone's Blood Decontamination Technology Proven Successful In Canadian Monkey Trial. Still trying to inch their way through the system, Medizone announces its successful trials on monkeys. This was one of the requirements imposed last August when McCabe/Bedell/Latino et. al. met with Dr. Fauci at the NIH. Dr. Fauci said "Why can't you do a simple monkey trial?" So Medizone did, and now they are announcing the successful completion of the first two phases of a Canadian research project overseen by scientists representing the Canadian Red Cross, Canadian Departments of Defense and Agriculture, Cornell University Veterinarian Medical College and Medizone Canada Ltd. Two groups of monkeys were infused with plasma infected with highly virulent strains of Simian Immunodeficiency Virus (monkey equivalent of HIV). The first group died within 12 days. The second group's infected plasma was first infused with ozone through Medizone's process. None of the second group showed any sign of infection.

Dr. Latino, Medizone's president stated; "These preliminary research results indicate the capability of Medizone's patented scientific and technological process to inactivate blood and blood products of certain viral contaminants, including the AIDS virus."

Including the above monkey trial, Medizone has so far submitted to the FDA all the following data:

1. Long Island College of Pharmacy rabbit study showing no toxicity at concentrations up to 10 times the dose proposed in man.
2. Cornell University Veterinary College feline study showing no detectable toxic effects.
3. The Hematology Journal HIV inactivation study showing 100% inactivation.
4. Mount Sinai School of Medicine, New York revealing hemolysis and coagulation changes well within the standard for reinfusion of packed human blood.

The FDA still won't allow human testing or admit there is any scientific proof of ozone's efficacy.

**1993** Aug-Sept International Ozone Association holds Eleventh Ozone World Congress and Exhibition August 29 to September 3rd, 1993 in San Francisco. Tours were given of 9 San Francisco water treatment plants using ozone, booths of industrial ozone manufacturers were perused, plus the two day medical ozone meeting was well attended by participating doctors from all over the world.

Comment: O3OHATOP - That's ozone in Russian. The meeting plainly demonstrated to us that even the Russians have more health freedom than we do.

Dr. Claudia Koscherkova, head of research and development at the Nisnerokinov Medical Institute is presently treating 39 artherosclerosis patients with ozone. He and C.N. Kontorschikova M.D., Head of Central Research, and especially Sergi P. Peretyagin M.D., Manager of the research center (he's the father of modern Russian ozone usage), and others are using medical ozone on babies, animals, adults, and even gunshot wounds! They have four major medical ozone treatment centers in their largest cities; Nezhni Novgorod, Ivanovo, Kirov, and Smolensk, plus others in the Baltic Republics.

They are also using ozone inhalation therapy - a 1-4 mcg/ml concentration of ozone is humidified by ultrasound and inhaled, and pioneering a recirculatory extracorporeal ozonation of human blood for up to 1 1/2 hours at a low concentration of 1 1/2 to 2 micrograms per milliliter technique.

Over 120 Russian M.D.'s have, over the past six years, treated thousands of people with ozone! Because of the rampant greed of our drug companies who influence all levels of our society to suppress ozone, ALL THE OTHER COUNTRIES ARE REALLY SHOWING U.S. UP!

The Russian MD's I met at IOA were kind enough to lend me a copy of their video. I secured a good copy of it - a 20 minute explanatory medical ozone video (in English). They have many innovative techniques, and you can now order your own copy of it through "The Family News."

Also at the IOA conference, the IOA held tours of local ozone water treatment plants, and had three days of presenting papers on ozone municipal drinking water treatment plants, the newest industrial ozone generation methods, waste water treatment plants, ozone used in the pulp and paper and cooling/process industries, in swimming pools and municipal aquariums, groundwater treatment, and its biological effects.

The conference wound up with two days of medical presentations on completed and ongoing ozone medical studies - done mostly outside of the United States due to U.S. political pressures. Here's a synopsis and list of the topics covered showing doctors' successes with medical ozone therapy.

Dr. John Greenburg, On the University of Heidelberg School of Medicine staff, and working w/Horst Kief presented the results of his work on the microscopical examination of whole blood (5cc's blood, 15cc's ozone) after exposure to ozone, establishing that it is safe if used within the accepted parameters, generally less than 80 mcg/ml concentration.

Dr. Michael Carpendale, San Francisco, CA VA Hospital was honored for his research work and for helping to put on this year's meeting. His talk, "Ozone, HIV and AIDS" "Ozone inactivates HIV at concentrations non

toxic to blood cells. In saline .4 ug/ml. In serum 4.0 ug/ml. In blood 50 ug/ml. Ozone is an incredibly safe drug, ...increases oxygen between cells increases vaso dilation and perfusion ...increases cellular membrane permeability ... T4 cell best marker to use." And, "VA hospital in Florida treated a referred patient with rectal ozone, his mother states it cured his cryptosporidium diarrhea."

Doctor Frank Shallenberger reported using IV ozone therapy via infusion pumps set at 100cc's per hour going into a pickline. He suggests freshly refilled multiple 10cc syringes instead of one large syringe so the ozone doesn't degrade in the syringe over time. He noted that the body's antioxidant reaction sets in within 5 to 6 days.

Doctor Wong, University of Havana head of ozone therapy in their medical research center. Using ozone on arthritis, cardiopathy, endophlebitis, etc.

Dr. Bernie Kershbaum, Philadelphia, PA was elected head of the IOA Pan American Medical Group, a for MD's only organization. The next IOA meeting would be May 12th, 1995 in France. They are calling for new papers.

The Vice President of the German Society for Ozone, Dr. Hartmut Baltin reported he's treating AIDS patients in a study in his vascular clinic.

The Italians are using a veterinary technique of infusing 2 liters of horse blood with 15 mcg/ml ozone and reinfusing it into the horse.

Also reporting on ozone trials at IOA were:

Occlusive lower limb arterial disease - O. Rokitansky, J.

Washuttl and L. Groger - Austria

Occlusive lower limb arterial disease - R. Mattassi - Italy

Immune monitoring - H Baltin - Germany

Artherosclerosis - N. Zhulina, C. Kontorschikova and N. Morozova - Russia

Cardiopathology - F. Hernandez et al - Cuba

Hypoxic states - S. Peretyagin - Russia

Hypoxic impairments - C. Kontorschikova - Russia

Myocardium fractals - A. Gavrilushkin, S. Peretyagin and O. Birjukova - Russia

Chelation - M. Foster - U.S.A.

Diverse Pathology - G. Glady - France

Dermatology - S. L. Krivatkin - Russia

Staph - T. Shimoyama et. al. Japan

Sickle Cell Anemia - M. Gomez et. al. - Cuba

Ozone produced auto vaccine - J. Greenberg - Germany

Rheumatic diseases - Z. Fahmy - Germany

Catostrophic injured children - S. N. Gorbunov et. al. - Russia

Rectal Insufflation of Rats study - S. Mendez et. al. - Cuba

Genetics - E. Prieto et al - Cuba

Anaesthetized horses - P. Scrollavezza et. al. - Italy

Optic Nerve disfunction - R. Santiesteban et. al. - Cuba

Cerebro vascular accident - E. Devesa - Cuba

Senile Dementia - M.M. Rodriguez et. al. - Cuba

Malignant disease - H. Kief - Germany

Breast cancer - R. Dallaglio et. al. - Italy

Neurodermatitis - H. Kief - Germany

Digestive System - M. Noa - Cuba

Germ free lab animals - J.M. Mirabal et. al. - Cuba

Quoting Seigfried Rilling, the President Of the German Medical Society for Ozone in his talk on the Germany History of European Ozone, "...Ozone only serves Humanity"

Comment: And the FDA official told a congressman there is no proof of medical applications. Why aren't the U.S. doctors a majority of this list - instead of being forced to hide their work in basements and back rooms?

**1993** Sept 2, World premier of Canadian 1/2 hour video "Ozone and The Politics of Medicine" by Geoff Rogers and Riener Diedrau at the IOA meeting. Video subsequently shown in LA, New York, Salt Lake and other health shows.

Comment: Video demonstrates through their own words, the arrogant ignorance of the establishment, and the valiant efforts of the ozone researchers and pioneers.

**1993** Sept 8th, Medizone Int'l NYC announces co-project with Italian Ministry of Health and the Italian

Scientific Society for Oxygen-Ozone Therapy to treat AIDS and Hepatitis-B patients with Medizone's thin film delivery technology. Patients will undergo a one hour treatment on alternate days, during a twelve week trial. **1993** Sept 25 Dr. Gerard V. Sunnen, M.D. writes his "Addendum To 'Ozone In Medicine'; Possible Mechanisms Of Viral Inactivation By Ozone" He details the chemical pathways by which ozone has its effectiveness. 1994 Jan 20th Medical Tribune - Research News - Headline: "Oxygen plus ozone mixture can inactivate HIV in vitro" article by Nathan Horowitz describes upcoming Medizone Phase 1 clinical trials at several research sites in Italy. 300 patients with HIV infection or hepatitis-B will be randomized to treated or control groups and studied during three months of dosing and nine months of follow up. For 12 weeks 300 cc's of blood will be withdrawn and ozonated and returned to the patient every other day. "Dr Latino's preliminary data are very interesting," said Mark Cohen, Ph.D., a professor of medicine at Louisiana State University School of Medicine in Shreveport. "His studies show that ozone really is capable of killing HIV." **1994** March 25, Dallas, Texas is the site of the IBOM International Bio-Oxidative Medicine Foundation's 5th annual meeting. Phone 405/691-1452. MD's from all over the world highlighted their own work successfully using ozone and/or hydrogen peroxide and other oxidative compounds in medicine, and attending special educational workshops. Among the papers presented were:

"Sponteneity of Oxidation in Nature" Majid Ali, MD

"Ozone in Medicine" Frank Shallenberger MD

"Hydrogen Peroxide and Free Radicals" Charles H. Farr MD Ph.D.

"Complex Oxidative Compounds" George Freibott ND

"Experiences in the further Treatment of AIDS, Cancer and Chemical Toxicity/Hypersensitivity Using Bio-Oxidative and Nutritional Therapies" Robert Allen MBBS (Australia)

"The Cause of All Disease from a Wholistic Perspective" Ed McCabe

"Oxidative Therapy and the Answer to AIDS" Robert Willner MD, Ph.D

"AIDS, Immunology and Ozone" Frank Shallenberger, MD

"Experiences With Medical Ozone" Stanley W. Beyrle, N.M.D.

"Ozone May Inactivate HIV by Reducing p120-CD4 Binding Affinity, Lysing the HIV Lipid Envelope, and Oxidizing the HIV core" Oscar K. M. Hsu (Harvard)

**WARNING!** 1994 April **WARNING!** Researcher interviews EPA (Phone 800/241-1754, 800/444-7255, 800/447-6349) official in charge of efficacy data and microbial studies, Zigfridas Vaituzis, who shockingly reveals that as of this date all government "AIDS" statistics are still only for HIV-1! Same goes for all blood bank testing! HIV-2, HIV-3 and other forms, possibly up to 10 in number (HIV-O in France) are not tested for or compiled in the statistics quoted by the government and announced over and over in the media! We are therefore told of far fewer persons having AIDS than the actual statistics reveal actually have AIDS, and the blood banks have routinely been giving out blood infected with the other forms of HIV!

When you go get a HIV test, they only look for HIV-1! Forget what the nurses at the blood banks believe and tell you. Ask them to go and physically get one of the actual HIV blood screening test kits and read to you the instructions printed on them, they are only for HIV-1. The doctor or patient must request screening beyond HIV-1!

As of June 1, 1994 they will recognize HIV-2. Some blood banks are already testing for HIV-2.

Comment: Through political deception we are told all is well, while the stored transfusion blood remains untested and therefore unsafe, and the statistics are grossly understated! What is the real political agenda? It sounds anti-life, anti- people, doesn't it? If you were in a car accident and woke up with a blood bag going into you, don't you have a right to know that it is not HIV-2, HIV-3, etc, infected? Ozone bubbled through all stored blood would solve this problem immediately. Makes you wonder if some alien power has seized control of the inner workings of our government. They certainly don't represent me or any of my friends, or you or yours either, do they?

**1994** April Before the above conversations with the CDC, their AIDS reference computerized National AIDS Information and Education Program - CDC National AIDS Clearinghouse databank had a synopsis of the story where Ed McCabe had testified before the NIH in 1992 about the effectiveness of ozone therapy. The story had subsequently been printed in the "Washington Post" Health section, 06/23/94, page 8. by David Brown. One week after the above conversations, all references of Mr. McCabe's testimony and the resulting Washington Post newspaper story had completely disappeared from the CDC computer. Around 4/7/94. The database is privately owned by Information Inc., Behesda, MD

Comment: The control of information is the consolidation of power. The high priests want to stay in power, and don't care if it kills you.

