

# Blood Electrification and Colloidal Silver



## Translation from *Science & Vie*, September 1998, a French magazine

“White cells (leukocytes) kill bacteria and pathogenic fungi by electrocuting them. Discovered by Jacques Schrenzel and Karl Heinz Krause, Geneva University Hospital, Switzerland, this defense mechanism is triggered as soon as receptors of the white cell detect the microbe’s presence. This signal activates an enzymatic system on the leukocyte’s membrane, composed of a “sleeping” enzyme (NADP II oxidize) and co-enzyme (NADP II), the reaction begins by the enzyme “waking up”, receiving electrons from its co-enzyme, and transporting them through the membrane. Ejected out of the white cell, this electronic flux is focused toward the bacteria with oxygen molecules and the microbe dies. This discovery might open new lines of research on immunity deficiencies in patients who are deprived of this enzymatic system.”

Translated from *Science & Vie*, Issue #972, September, 1998, page 44. Telephone: 01-46-48-48-48 and Fax: 01-46-48-48-67.

Looking at this totally as a “physics” or “engineering” problem, a few structured electrons can act as the equivalent of trillions of white cells and restore function to one’s immune system! The electrons cost pennies.

### US Patents:

Amazingly similar discoveries have been made by scientists and are a permanent record in the US Patent Office since the 1880’s. Why don’t we know of these? Many work far more effectively than expensive antibiotics and have no side effects and practically no costs.

Since the Abraham Flexner propaganda funded by pharmaceutical company owner John D. Rockefeller in 1910 forbade accredited medical universities and researchers from using or even investigating electromedicine, breakthrough discoveries are usually discredited and the public is forced to spend billions of dollars annually with “medicines” which may be worthless or vastly improved for almost nothing.

Here is a condensed reference list of US Patents which professional researchers may find interesting:

#### I Direct application of electricity to kill or attenuate microorganisms in liquid.

- |              |                |
|--------------|----------------|
| 1) Kaali     | 5,188,738      |
| 2) Kaali     | 5,137,684      |
| 3) Lathrop   | 5,133,352      |
| 4) Ellis     | 4,019,510      |
| 5) Myers     | 3,753,886      |
| 6) Jones     | 592,735 (1897) |
| 7) Dawson    | 3,965,008      |
| 8) La Commie | 672,231 (1901) |

#### II Applications of Magnetic Fields to Kill or Attenuate Micro-Organisms.

- |              |           |
|--------------|-----------|
| 1) Hofmann   | 4,524,074 |
| 2) Middleton | 5,645,697 |
| 3) Forrest   | 5,248,437 |

#### III Application of Magnetic Fields in the Treatment of Cancer.

- |           |           |
|-----------|-----------|
| 1) Costa  | 4,665,898 |
| 2) Liboff | 5,437,600 |
| 3) Gordon | 4,106,488 |
| 4) Gordon | 4,303,636 |
| 5) Gordon | 4,622,952 |

#### IV Application of Electricity and Magnetic Fields to produce other Biological Effects.

- |            |           |                        |
|------------|-----------|------------------------|
| 1) Cadossi | 4,683,873 | (Fuse Bone)            |
| 2) Ryaby   | 4,266,532 | (Modify Cells)         |
| 3) Findl   | 4,428,366 | (Reduce Serum Glucose) |
| 4) Chang   | 4,822,470 | (Cell Electroporation) |

## Shocking Treatment proposed for AIDS

Zapping the AIDS virus with low-voltage electric current can nearly eliminate its ability to infect human white blood cells cultured in the laboratory, reports a research team at the Albert-Einstein College of Medicine in New York City.

William D. Lyman and his colleagues found that exposure to 50 to 100 microamperes of electricity — comparable to that produced by a cardiac pacemaker — reduced the infectivity of the AIDS virus (HIV) by 50 to 95 percent. Their experiments, described March 14 in Washington, D.C., at the First International Symposium on Combination Therapies, showed that the shocked viruses lost the ability to make an enzyme crucial to their reproduction, and could no longer cause the white cells to clump together — two key signs of virus infection.

The finding could lead to tests of implantable electrical devices or dialysis-like blood treatments in HIV-infected patients, Lyman says. In addition, he suggests that blood banks might use electricity to zap HIV, and vaccine developers might use electrically incapacitated viruses as the basis for an AIDS vaccine. For scientists working to create contraceptive devices that repel sperm with electricity, the new study also hints at a

### BUSINESS WEEK/SCIENCE & TECHNOLOGY

APR. 5, 1993 page 83

## THE LACK OF SYMPTOMS DOESN'T REFLECT AIDS' EARLY STRENGTH

One of the great puzzles of AIDS is why the disease usually takes years to develop. During the long period between initial exposure to the HIV virus and the first symptoms, scientists have detected only small amounts of the virus in the blood. This suggested that the infection exists at a low, latent level before it flares up.

But two new studies reported in the Mar. 25 issue of *Nature* overturn this theory. Researchers at the University of Minnesota at Minneapolis, the National Institutes of Health, and other institutions have found massive amounts of the virus present during the early, symptomless stage of the disease. Up to 25% of the cells in the lymph nodes are infected with the virus, reports the team led by Minnesota's Ashley T. Haase.

The results, raise questions about current treatment. If so many immune-system cells are infected, drugs that are typically given later may not control the disease. The findings suggest that drugs should be started as soon as the infection is discovered. That "might reduce the amount of virus later," says oncologist Howard M. Temin of the University of Wisconsin, who co-authored an analysis of the studies in *Nature*.

LONGEVITY/DECEMBER 1992

Page 14

### SPECIAL SECTIONS

#### OUTER LIMITS

"Electrocuting the AIDS Virus

## "ELECTROCUTING" THE AIDS VIRUS A SAFER-YET BLOOD SUPPLY

Despite official reassurances about the safety of the nation's blood supply, concern lingers that small amounts of HIV-infected blood may be sneaking through, especially since current screening detects only antibodies to the virus, which can take months to form. But now a new electrical process for cleaning blood of viruses may solve the problem.

At the Albert Einstein College of Medicine in New York City, Steven Kaali, M.D., has found that most of the AIDS viruses in a blood sample will lose their infectious capability after being zapped by a very low-level current. Repeated exposure appears to leave blood virtually free of HIV, as well as hepatitis—without harming blood cells.

Kaali cautions that it will take years of testing before a virus-electrocuting device is ready for use. But, ultimately, he predicts, it could be used not just to purify blood, but to treat people with AIDS, by channeling their blood out of the body, exposing it to virus-

killing current and then returning it. "By lowering the viral count," he says, "we may be able to lengthen and improve the quality of AIDS patients' lives."

—Sharon McAuliffe

A-10 /The Houston Post/Wednesday, March 20, 1991

### YOUR HEALTH/MEDICINE

## Scientists say electric current may help fight AIDS

REUTER NEWS SERVICE

NEW YORK — Doctors at a prestigious New York medical center are testing a new way to fight AIDS — using electrical energy to weaken the killer virus — and say their first results are encouraging.

Researchers William Lyman and Steven Kaali of the Albert Einstein School of Medicine said Tuesday that initial laboratory tests have

shown electrical current can weaken the virus believed to cause acquired immune deficiency syndrome.

The two men said they plan to move to the next phase of the experiment in April using blood samples from people with AIDS.

If their tests are successful, the researchers hope it could lead to new way to treat AIDS patients, possibly involving a dialysis-type

machine in which an AIDS patient's blood would be treated with electrical current outside the body.

"What we have done is expose the AIDS virus in laboratory circumstances to electrical current and then incubated the virus with white blood cells susceptible to the virus. We found that the virus became much more ineffective," Kaali, a specialist in the medical use of electrical current, said.

Lyman, an AIDS researcher and associate professor of pathology at Einstein, likened the new technique to chemotherapy.

"You are not going to get rid of the tumor, but you could get rid of enough of it to help the patient lead a normal life. This is not a cure but a new tool," Lyman said.

He added that the use of electrical energy has no toxic side effect and that a similar technique has been used as a treatment for reducing herpes.

A PRACTICAL GUIDE TO THE ART AND SCIENCE OF STAYING YOUNG

# LONGEVITY

DECEMBER 1992

# United States Patent [19]

Kaali et al.

[11] Patent Number: 5,188,738

[45] Date of Patent: \* Feb. 23, 1993

[54] ALTERNATING CURRENT SUPPLIED ELECTRICALLY CONDUCTIVE METHOD AND SYSTEM FOR TREATMENT OF BLOOD AND/OR OTHER BODY FLUIDS AND/OR SYNTHETIC FLUIDS WITH ELECTRIC FORCES

[76] Inventors: Steven Kaali, 88 Ashford Ave., Dobbs Ferry, N.Y. 10522; Peter M. Schwolsky, 4101 Cathedral Ave., NW., Washington, D.C. 20016

[\*] Notice: The portion of the term of this patent subsequent to Aug. 18, 2009 has been disclaimed.

[21] Appl. No.: 615,437

[22] Filed: Nov. 16, 1990

## Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 562,721, Aug. 6, 1990, abandoned.

[51] Int. Cl.<sup>5</sup> ..... B01D 35/06; A61K 41/00

[52] U.S. Cl. .... 210/748; 128/419 R; 128/421; 128/783; 128/784; 204/131; 204/164; 204/186; 204/302; 210/243; 422/22; 422/44; 604/4

[58] Field of Search ..... 210/243, 748, 764; 128/419 R, 421, 783, 784; 604/4; 422/22, 44; 204/131, 164, 186, 242, 275, 302, 305

[56] References Cited

## U.S. PATENT DOCUMENTS

592,735	10/1897	Jones	204/242
672,231	4/1901	Lacomme	204/275
2,490,730	12/1949	Dubilier	204/305
3,692,648	9/1972	Matloff et al.	204/129
3,753,886	8/1973	Myers	204/186
3,878,564	4/1975	Yao et al.	210/648
3,965,008	6/1976	Dawson	422/22
3,994,799	11/1976	Yao et al.	210/321.64
4,473,449	9/1984	Michaels et al.	204/101
4,616,640	10/1986	Kaali et al.	128/130
4,770,167	9/1988	Kaali et al.	128/788
4,932,421	6/1990	Kaali et al.	128/831
5,049,252	9/1991	Murrell	210/243
5,058,065	10/1991	Slovak	128/783
5,133,932	7/1992	Gunn et al.	210/748

## FOREIGN PATENT DOCUMENTS

995848 7/1983 U.S.S.R. .... 210/243

## OTHER PUBLICATIONS

Proceedings of the Society for Experimental Biology & Medicine, vol. 1, (1979), pp. 204-209, "Inactivation of Herpes Simples Virus with Methylene Blue, Light and Electricity"—Mitchell R. Swartz et al.

Journal of the Clinical Investigation published by the American Society for Clinical Investigations, Inc., vol. 65; Feb. 1980, pp. 432-438—"Mechanisms of Photodynamic Inactivation of Herpes Simplex Viruses"—Lowell E. Schnipper et al.

Journal of Clinical Microbiology, vol. 17, No. 2, Feb. 1983, pp. 374-376, "Photodynamic Inactivation of Pseudorabies Virus with Methylene Blue Dye, Light and Electricity"—Janine A. Badyisk et al.

Primary Examiner—Robert A. Dawson

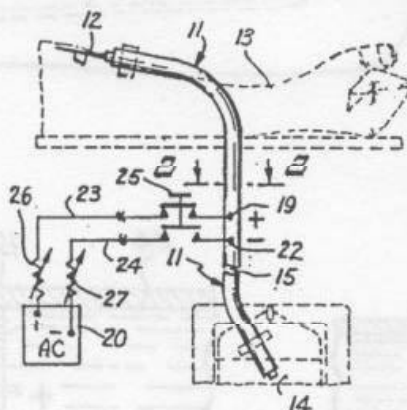
Assistant Examiner—Sun Uk Kim

Attorney, Agent, or Firm—Charles W. Helzer

## [57] ABSTRACT

A new alternating current process and system for treatment of blood and/or other body fluids and/or synthetic fluids from a donor to a recipient or storage receptacle or in a recycling system using novel electrically conductive treatment vessels for treating blood and/or other body fluids and/or synthetic fluids with electric field forces of appropriate electric field strength to provide electric current flow through the blood or other body fluids at a magnitude that is biologically compatible but is sufficient to render the bacteria, virus, parasites and/or fungus ineffective to infect or affect normally healthy cells while maintaining the biological usefulness of the blood or other fluids. For this purpose low voltage alternating current electric potentials are applied to the treatment vessel which are of the order of from about 0.2 to 12 volts and produce current flow densities in the blood or other fluids of from one micro-ampere per square millimeter of electrode area exposed to the fluid being treated to about two milliamperes per square millimeter.

31 Claims, 6 Drawing Sheets





**ALTERNATING CURRENT SUPPLIED  
ELECTRICALLY CONDUCTIVE METHOD AND  
SYSTEM FOR TREATMENT OF BLOOD AND/OR  
OTHER BODY FLUIDS AND/OR SYNTHETIC  
FLUIDS WITH ELECTRIC FORCES**

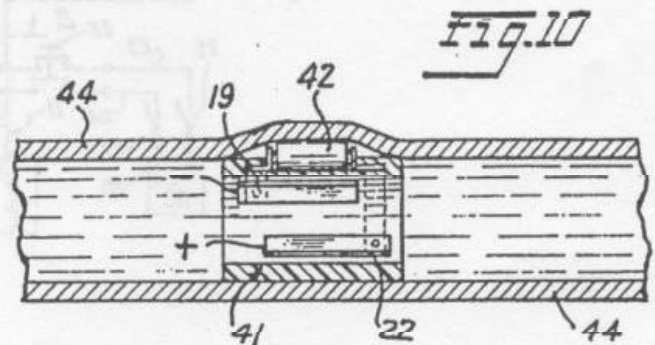
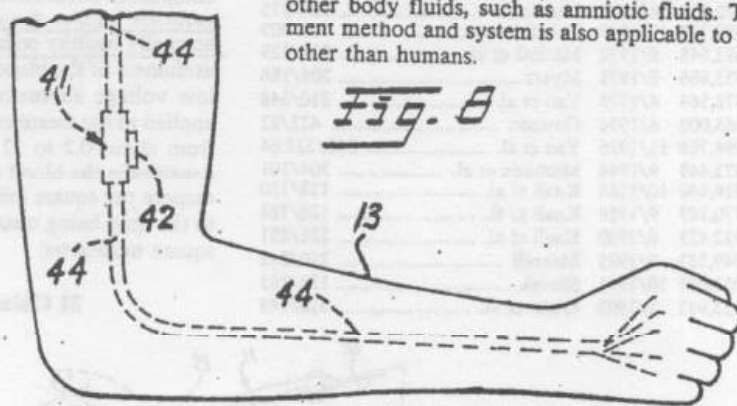
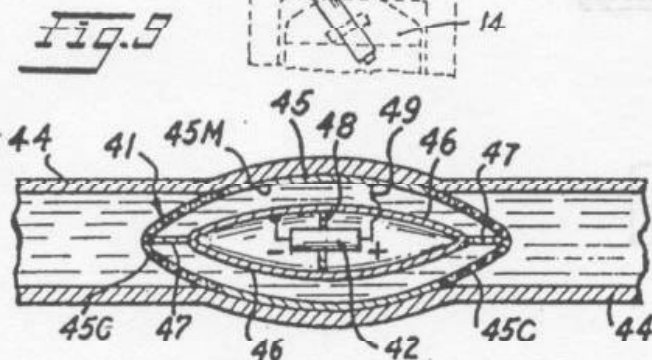
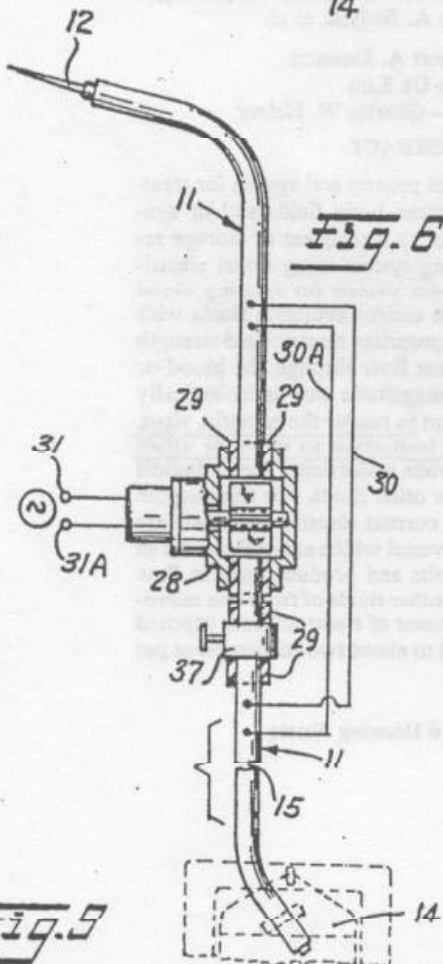
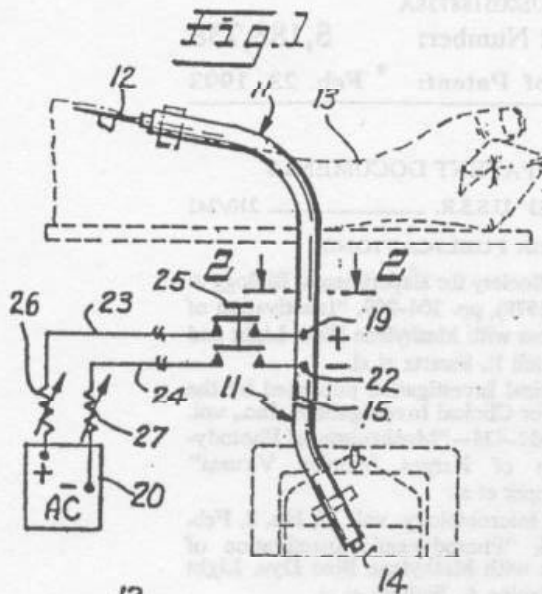
**FIELD OF INVENTION**

This is a continuation-in-part application of prior U.S. patent application Ser. No. 07/562,721 filed Aug. 6, 1990, now abandoned

This invention relates to novel electrically conductive methods and systems employing electrically conductive vessels provided with electrically conductive surfaces for use in subjecting blood and/or other body fluids and/or synthetic fluids such as tissue culture medium to direct treatment by alternating current electric forces.

**BACKGROUND PROBLEM**

It is now well known in the medical profession and the general public that blood collected in a blood bank from a large number of donors may be contaminated by contaminants such as bacteria, virus, parasites and/or fungus obtained from even a single donor. While screening of donors has done much to alleviate this problem, the screening of donors can and does miss occasional donors whose blood is unfit for use. When this occurs and the unfit blood is mixed with otherwise usable blood, the entire batch must be discarded for transfusion purposes. Because of this problem, the present invention has been devised to attenuate any bacteria, virus (including the AIDS HIV virus) parasites and/or fungus contained in blood contributed by a donor to the point that any such contaminant is rendered ineffective for infecting a normally healthy human cell, but does not make the blood biologically unfit for use in humans. Similar problems exist with respect to treatment of other body fluids, such as amniotic fluids. The treatment method and system is also applicable to mammals other than humans.



## A PROPOSED EXPERIMENTAL/THEORETICAL, NON-INVASIVE, NON-PHARMACEUTICAL, IN VIVO METHOD FOR POSSIBLE NEUTRALIZATION OF HIV VIRUS IN HUMAN SUBJECTS.

Revision March 1999. Copyright © 1991/98 by Robert C. Beck, D.Sc.

In a remarkable and startling discovery at Albert Einstein College of Medicine, NYC in 1990, it was shown that a minute current (50–100 microamperes) can alter outer protein layers of HIV virus in a petri dish so as to prevent its later attachment to receptor sites. (*Science News*, March 30, 1991 pg. 207.) It may also reverse Epstein-Barr (chronic fatigue syndrome), hepatitis, Lupus, cancer and many others. HIV-positive users of this enclosed information may expect a dramatic reduction of symptoms after about 45 days. ***This is reminiscent of a well proven cure for snakebite by application of electric current that instantly neutralizes the venom's toxicity.*** (*Lancet*, July 26, 1986 pg. 229.) And there may be several other diseases as yet undiscovered or untested viruses neutralizable with this discovery; perhaps more surprisingly, even the common cold.

This very simple and valid blood clearing treatment proved of great promise as a positive method for immobilizing known strains of HIV still present and contaminating some European and US blood bank reserve supplies. It was further suggested that infected human HIV carriers *could be cured* by removing their blood, treating it electrically and returning it by methods similar to dialysis or by surgically implanting electrode arrays with miniature batteries sewn inside blood vessels as described in US patent #5,188,738. Dr. S. Kaali, MD, projected that “years of testing will be in order before such an *in vitro* (blood removed for treatment) device can be made ready for widespread use.” (*Longevity*, Dec. 1992, pg. 14.) This paper reveals an alternate do-it-yourself approach for electrifying/purifying blood *with no dialysis, implants, or medical intervention*.

In the writer's opinion both blood and lymph can be cleared *in vivo* (which means blood isn't removed or skin ever penetrated) simply, rapidly and inexpensively with similar but *non-invasive do-it-yourself* techniques described herein. All are fully disclosed in this paper. Also included are proven schematics, parts lists, electrode construction and complete instructions. Electronic and controlled electroporation approaches may easily make vaccines, antibiotics and pharmaceuticals obsolete.

In a public lecture (Oct. 19, 1991) the writer proposed this theoretical do-it-yourself method for eliminating HIV, parasites, fungi, viral and pathogens *in vivo*. Subsequently, his original modalities and protocols have been refined, simplified and made universally affordable. These three simple treatments used in tandem are offered for research purposes to determine the extent to which they nullify known electrosensitive pathogens residing in blood, lymph, and other body tissue and fluids. Following is a summary of several years of testing with this non-iatrogenic, do-it-yourself, simple and inexpensive experimental solution to the ever-escalating “incurables” dilemma. ***There are no known side effects since milliampere currents applied to skin are much lower than those in FDA approved TENS, CES and muscle stimulators which have been in safe daily use for many years.*** Battery replacement costs are about \$10.00 per month per user or about 33¢ per day for a typical 30 day “spontaneous remission.” No pharmaceuticals, shots, or medications appear necessary.

One compact battery-powered blood clearing instrument is basically a miniature relay driven by a timer chip set to ~4 Hertz. Its 0 to 27V user adjustable biphasic output minimizes electrode site irritation. The described system delivers stimulation through normally circulating blood via electrodes placed at selected sites (such as one electrode below ankle bone on inside of foot and another on opposite foot) over the sural, popliteal, posterior tibial, or peroneal arteries where the subjects' blood vessels are accessibly close to the surface (pg. 18) or on wrist or arm. Optimum electrode positions are reliably located by feeling for strongest pulse (pg. 18.) Micro-current treatment is of such low amplitude that it creates no discomfort when used as directed and is demonstrated to have no harmful side effects on healthy blood cells or tissue.

A major obstacle to this simple, proven and obvious solution is disbelief. Treating approximately 120 minutes per day for four or six weeks should in the writer's opinion effectively neutralize well over 95% of HIV plus any other electrosensitive viruses, parasites, bacteria, pathogens or fungi in blood. In

heavy infections, shorter application times will prevent stressing patients with toxins. Simply treat for a greater number of days or also ingest ozonized water. In time, the restored immune system plus silver colloid may handle residual problems. In the special case of diabetically impaired circulation longer treatment times may be indicated. (See expanded instructions pg. 16–17.) Immobilized viruses may be expelled naturally through kidneys and liver. More rapid neutralization is possible but **not** recommended because of potential excessive toxin elimination (Herxheimer's syndrome.) T-cell counts usually drop initially because of lysing and scavenging by macrophages but should recover and increase after a few months. The PCR has not proven reliable as a measurement for HIV.

Latent/germinating HIV reservoirs in body's *lymph* or other tissues and glands may theoretically be neutralized with a second and separate device by the strategy of generating a very high intensity (~20 kilogauss) short duration (~10  $\mu$ S) magnetic pulse of >~32 Joules by discharging a modified strobe light's capacitor through an applicator coil held against body locations over lymph nodes, thymus, kidneys, adenoids and other possible internal sites of latent infection (see pg. 39.) By the physics of Eddy current/back e.m.f. "transformer action" (Lenz' law) the desired criteria of minimum current induced through infected tissue on the order of >100 $\mu$ A should be readily attained. Several pulses repeated at each site over several weeks may insure a reliable "overkill" for successful disease neutralization. A magnetic "pulser" is very simple to build. Full instructions are on pg. 37–39.

*But subjects must assume responsibility for their own health—a "heresy" in today's society conditioned to look for answers only to a medical establishment that has no current knowledge remotely promising "cures" for numerous other well known fatal diseases.*

These "theoretical solutions" are being disclosed under constitutional freedom of speech guarantees in spite of extensively organized hostile opposition to non-pharmaceutical or *inexpensive* modalities. **Data is offered only as theoretical and no medical**

**claims are made or implied.** "See your health professional!" Anyone at his discretion and assumed responsibility should be free to build, use (on himself) and network his "research" results. With these data an average intelligent high school student should confidently be able to assemble *both* theoretical blood and tissue clearing modalities in about three hours. Components are widely available. After assembling, the only additional cost is for batteries. If electronically unskilled, "busy" or technically illiterate, call an "Amateur Radio Supply" store (yellow pages) and find a ham radio operator, hobbyist or TV repairman or pay any kid on the block to do it for you. After "spontaneous remissions" some users may wish to interest their doctors. But be advised that *electronic* cures may be vigorously suppressed or ignored because there is presently no credibility nor drug cartel profit in this inexpensive solution. Also the 1910 Rockefeller–Flexner Report attempted to discredit electro-medicine with a conspiracy to inflate pharmaceutical profits.

I'm definitely *not* soliciting funds. This was independently developed by me, Bob Beck, at my private expense and offered freely for "theoretical, informational, and educational purposes only" and with absolutely no profit motive.

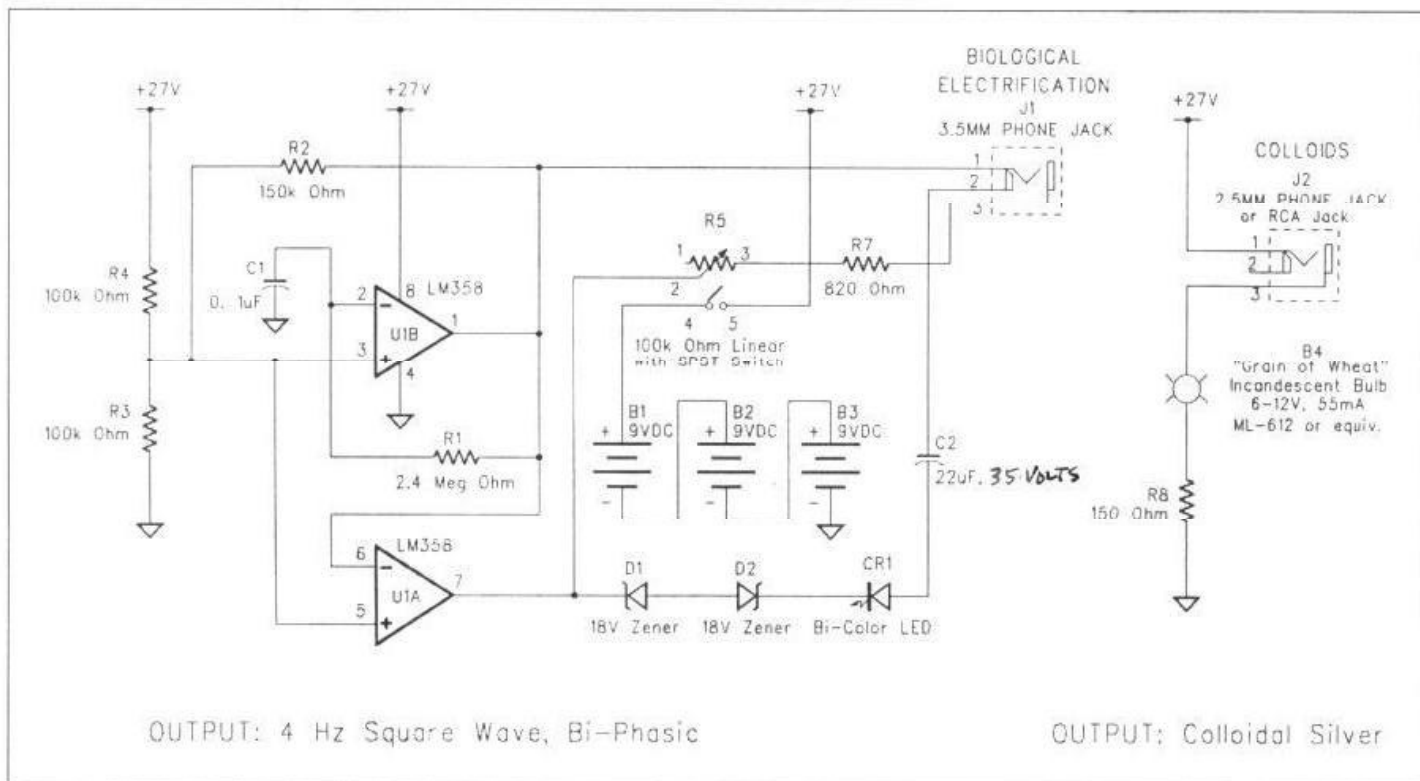
Non-FDA approved devices are illegal to use within the USA except via little known FDA loopholes. *Researchers* are allowed to use *anything* on patients if safe, they build it themselves and don't sell them. (Code of Federal Regulations 21 § 807.65 subsections {d} & {f}. See actual text in footnote on pg. 15.) Although we will offer technical updates and always welcome feedback from users, please respect the writer's privacy and never attempt to contact him for additional help, advice or information. *Everything* users need to know is included herein. **We have nothing for sale.**

**NOTE:** Sharing Health From the Heart Inc. gathers feedback from individuals and health practitioners on the use of this device. To obtain a free newsletter, call 1–800–224–0242 or 250–814–0046.



## IMPROVED SCHEMATIC

This 11/24/1996 page describes a "Plant Growth Stimulator" improved since my 1991 design. User-tested for over two years, it is solid state (no relays), uses three (not seven) batteries, makes colloids, is much smaller, lighter, silent, with battery saving features, and is available as a mostly-assembled kit complete with electrodes and silver for about \$100 from Action Electronics, 1300 E. Edinger Ave., Santa Ana, CA 92705 (714) 547 5169.



Copyright @ 1996 Robert C Beck, D.Sc.

The first section (U1B) of the LM358 dual op-amp is a 50 volt peak-to-peak square wave oscillator. The second section (U1A) reverses polarity and provides  $\pm 27\text{VDC}$  output of low impedance. This delivers a Bi-Phasic, sharp rise-time output of  $\sim 4$  Hz (not critical) for the biological cotton-covered stainless-steel electrodes saturated with salt water before applying. Sharp rise-time is considered necessary to provide higher odd harmonics to the stimulus, although "rounded" waveforms will feel different.

The third section is a current-limited 27VDC output from a separate RCA (or 2.5mm) jack for rapid generation of excellent colloidal silver in water. A three minute cycle in 8 Oz. of room-temperature water makes a  $\sim 3$  ppm concentration.

Op-amp section U1B's 4 Hz oscillator frequency is set by C1 (0.1  $\mu\text{F}$ ) and R1 (2.4 meg  $\Omega$ ). It is configured as a comparator with hysteresis determined by R2 (150 k $\Omega$ ). Charging and discharging of C1 is done by the  $180^\circ$  out-of-phase signal through R1. R3 and R4 provide a set-point  $1/2$  the V+ to the comparator. This insures a 50% duty cycle square wave with an amplitude of slightly less than the  $\sim 27\text{V}$  supply.

U1A, the *second comparator*, is used to invert the output of oscillator U1B. A  $\sim 50\text{V}$  peak-to-peak signal will be generated between the op-amps due to their outputs being  $180^\circ$  out-of-phase. U1A's current is limited by potentiometer R5 (100 k $\Omega$ ) and R7 (820  $\Omega$ ) and is set to individual user's comfort.

The *power indicator* circuit consists of a bicolor (red-green) LED (CR1) and the series combination of two 18V Zener diodes, D1 & D2, with power limited by C2 (22 $\mu\text{F}$ ). This section of the device is automatically disabled when the 3.5 mm plug is inserted into its jack. Therefore the LEDs flash only when batteries sum is over  $\sim 21$  V. If LEDs are dim or extinguished, replace with three fresh 9 Volt Alkaline batteries. C2 used as a limiter allows the LED to flicker on at  $1/8$  second intervals only as the square wave output reverses polarity.

Users find this newer design highly satisfactory, trouble free and most efficient.

# Map of Blood Vessels in Extremities for Optimum Electrode Access

Gray's Anatomy pgs. 540, 541, 584, 591

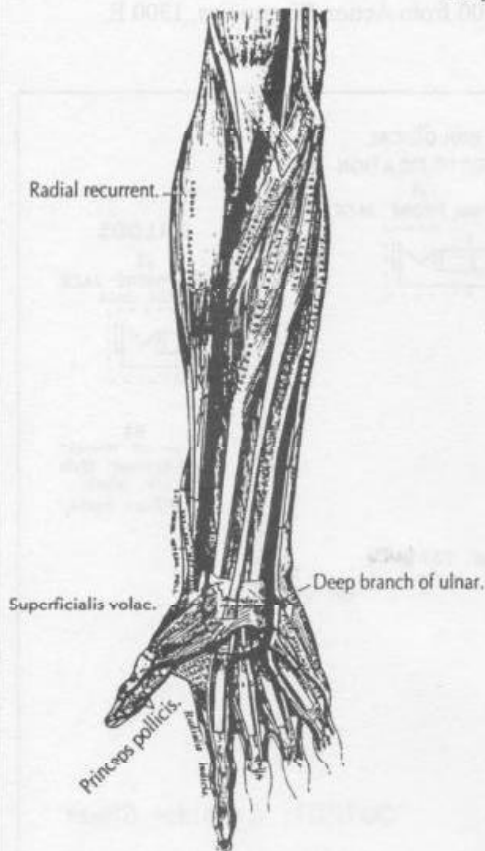


Fig. 304.—The radial and ulnar arteries.

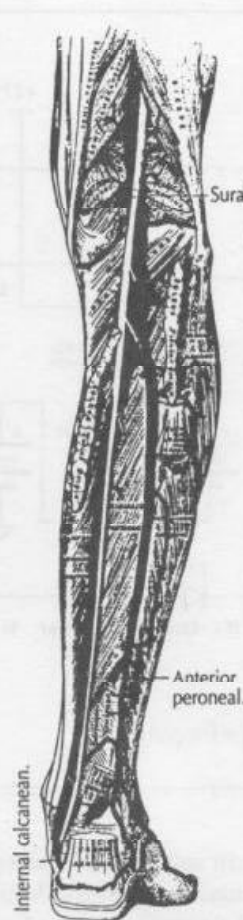


Fig. 320.—The popliteal, posterior tibial, and peroneal arteries.

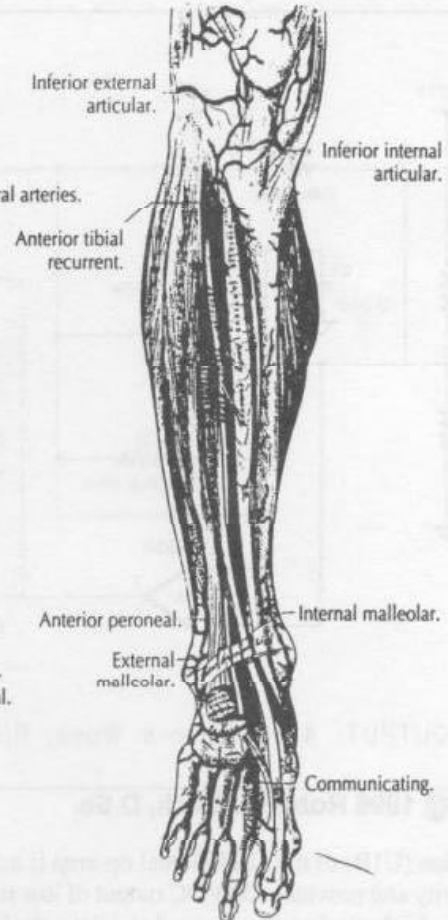


Fig. 321.—Surgical anatomy of the anterior tibial and dorsalis pedis arteries.

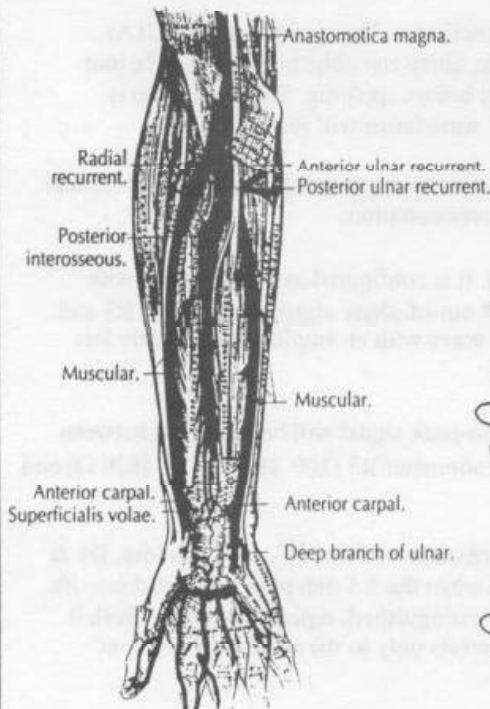
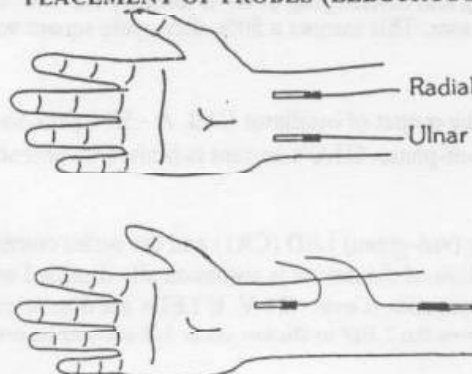


Fig. 305.—Ulnar and radial arteries. Deep view.

**PLACEMENT OF PROBES (ELECTRODES):** Over *Arteries* not blue veins.



**Align Electrodes Parallel to Pulse and Directly Over Pulse Paths**

The figure illustrates the hypothetical placement of the two electrodes on the same wrist. It is easier to place the electrodes if you first place the strap around the wrist and then insert the electrodes under the strap.

This figure illustrates the hypothetical placement of the two electrodes on the same forearm and wrist. Position probes about 6" apart on same Radial Artery.

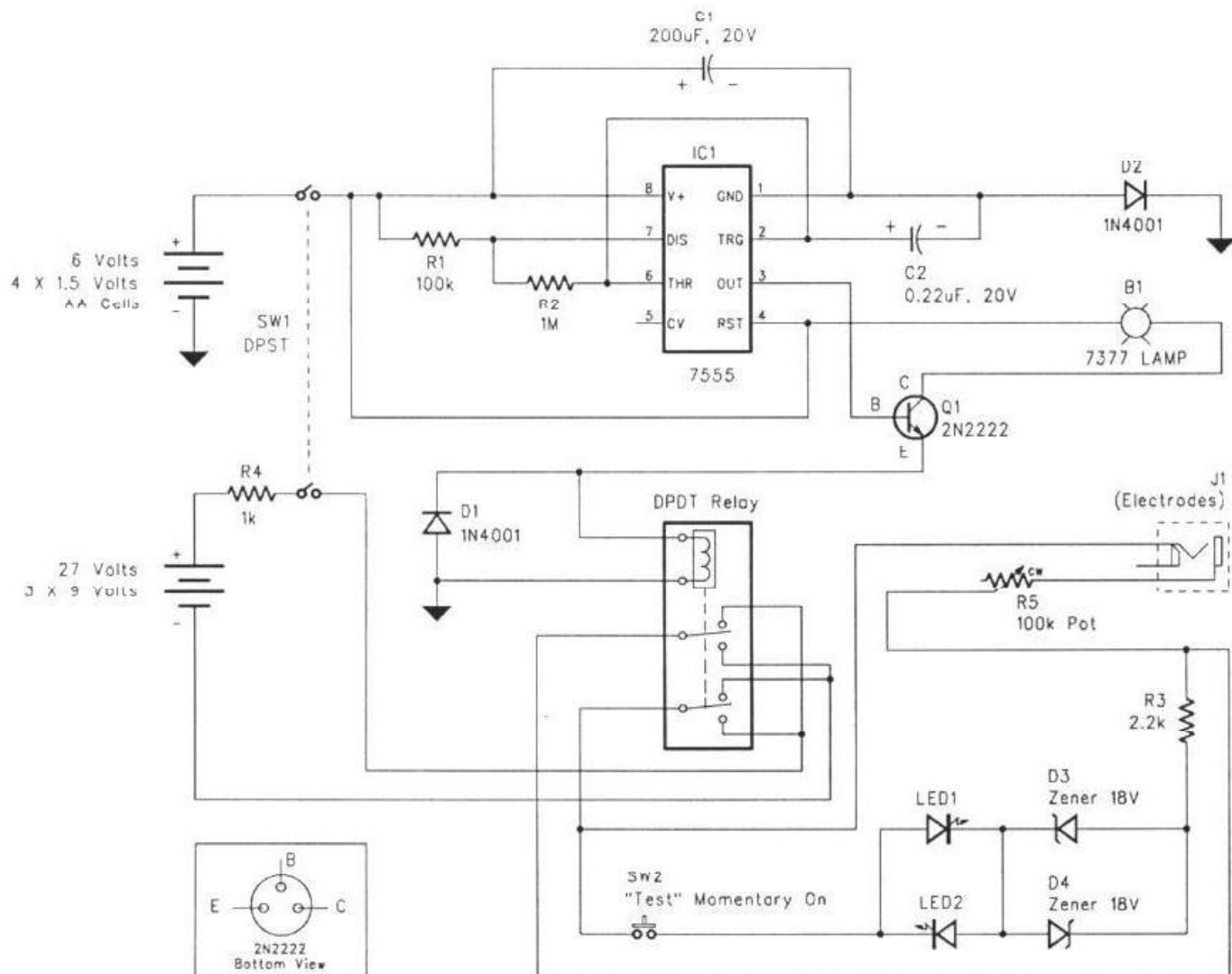
**Choose from Two Ways to Align Probes Parallel to Pulse**

# EXPERIMENTAL IN VIVO BLOOD CLEARING DEVICE FOR ELIMINATING VIRUSES, PATHOGENS, MICROBES, BACTERIA, FUNGI, AND PARASITES.

Revision March 16, 1996 Copyright © 1991/1999 Robert C. Beck

**Note:** These data are intended for informational, instructional, and research purposes only and are not to be construed as medical advice. Consult your licensed medical practitioner.

**CHANGES** since previous editions: Pulse Repetition Rate from 0.67 Hz to ~4 Hz (Not critical). C2 from 1uF to 0.22uF. Voltage from 36 Volts to 27 Volts. Treatment time increased to 2 hours daily for 21 to 30 days. Improved electrode design and single wrist placement. SW2 added to extend battery life. There are NO "errors" in this schematic. Hundreds have been constructed successfully when duplicated exactly without user attempted "improvements".



## SPECIAL PARTS

**B1:** Filament type incandescent bulb; 6.3V 0.075A type 7377 (Ballast and current limiter).

**Relay:** 5V 50Ω coil, PCB mount DPDT; Selecta Switch SR15P207D1.

**D3 & D4:** Zener Diodes, 18V ½ Watt; NTE 5027A.

**R5:** 100kΩ ½ Watt linear potentiometer; Caltronics P-68 or equivalent.

**LED1 & 2:** Combined as Bi-Color Red & Green in same housing; Radio Shack #276-012

**SW2:** "Test" SPST Momentary ON subminiature Push-Button; Radio Shack #275-1571

# PROPOSED THEORETICAL IN-VIVO BLOOD, HIV, PATHOGEN, PARASITE AND FUNGI NEUTRALIZING DEVICE

## COMPONENT DESCRIPTIONS, SOURCES, AND CURRENT PRICES

Revision March 13, 1996. Copyright © 1991/1999 Robert C. Beck, D.Sc.

**Note:** These data are for theoretical, informational and instructional purposes only and are not to be construed as medical advice. Consult with your licensed medical practitioner. Note: Some builders have ego problems with following instructions and like to find "mistakes" or possible "improvements." Hundreds have been built successfully if duplicated exactly as shown.

*Do not expect this device to function optimally if ANY electrical changes or ego improvements are attempted.*

7555 CMOS timer chip (generic)		IC1	\$ 1.80	
100 k ohm ¼ watt 5% resistor		R1	.07	
1 meg Ω ¼ watt 5% resistor		R2	.07	
2.2 k Ω ¼ watt 5% resistor		R3	.07	
1 k Ω ¼ watt 5% resistor		R4	.07	
100 k Ω linear taper pot, ½ watt Caltronics P-68		R5	2.56	
200 µF 20 V (or higher) electrolytic capacitor		C1	.45	
0.22 µF 20 V (or higher) Tantalum capacitor		C2	.25	
1N4001 diode	2 required @ .15	D1 & D2	.30	
18 Volt Zener diodes	½ Watt, 2 @ .79	D3 & D4	1.58	(NTE5027A)
NPN Transistor	Generic 2N2222	Q1	.30	
Bulb, 6.3V .075 A	Type 7377	B1	1.34	
Relay, 5 V 50Ω coil PCB Mount DPDT Selecta Switch	SR15P207D1		5.45	
Misc. wire, solder, etc.			.50	
Note: Action Electronics now supplies a custom printed circuit board #PS PCB for:			15.00	

**All 15 components listed above available at ACTION ELECTRONICS**

**1300 E. Edinger, Santa Ana, CA 92705 (714) 547-5169**

Bicolor LED Red/Green Radio Shack #276-012		LED 1	\$ 1.19	
Jack for electrode leads	274-251 3/\$1.59	J1	.53	
DPDT switch, 275-626 or equiv. (used as DPST)		SW1	2.55	
SPST Subminiature momentary ON push button switch		SW2	.59	ER-SW101 "Test"
Battery holder, 4-AA cells, Radio Shack	270-383		1.29	
4 Alkaline AA cell batteries, #23-552	4 for		2.89	
3 Alkaline 9 V batteries, type 1604 etc.	3 for		3.75	
3 x 9 V battery snaps (clip-on connectors)	270-325 pkg.	5/\$1.29	1.29	
Box, if used			2.29	
<b>Above items generally available at local Radio Shack stores</b>				
Lead wire with 3.5 mm plug, 6 ft., Mouser or Calrad Electronics			.35	
Electrodes, stretch elastic, Velcro, cotton flannel, alligator clips, etc.			5.00	

**Total Cost for all components for do-it-yourself project** **\$49.24**

This design is basically a 7555 IC timer chip set for 50% duty cycle and ~3.9 Hz. driving a sub-miniature relay. Electrode polarity continually reverses ~¼ second positive / ¼ second negative. Frequency is not critical.

**Patents applied for.**

**Footnote:**

### **CODE OF FEDERAL REGULATIONS 21 § 807.65 Subpart D – Exemptions, Paragraphs {d} & {f}**

#### **Excludes and exempts from regulation:**

“(d) Licensed practitioners, including physicians, dentists, and optometrists, who manufacture or otherwise alter devices solely for use in their practice.”

“(f) Persons who manufacture, prepare, propagate, compound, or process devices solely for use in research, teaching, or analysis, and do not introduce such devices into commercial distribution.”

**Use of this device therefore appears legal and exempt from FDA regulations when you construct it yourself for research and/or use in your own practice! But double check your local, county and state regulations for possible exceptions.**



## EXPANDED INSTRUCTIONS FOR EXPERIMENTAL/THEORETICAL BLOOD ELECTRIFICATION HYPOTHETICAL PROTOCOLS FOR EXPERIMENTAL SESSIONS

Revision January 15, 1997. Copyright © 1991/1998 Robert C. Beck, D.Sc.

**PRECAUTIONS:** Do NOT use wrist-to-wrist with subjects using cardiac pacemakers. Any electrical signals may interfere with “demand” type heart pacers and cause malfunction. Single wrist/forearm locations should be acceptable. Do NOT use on pregnant women, while driving or using hazardous machinery.

Users MUST avoid ingesting anything containing potentially toxic medications, nicotine, alcohol, recreational drugs, laxatives, garlic, etc., and potentially toxic vitamins or herbs for several days before starting because blood electrification can cause electroporation which makes cell membranes pervious to small quantities of normally harmless chemicals in plasma. The effect is the same as extreme overdosing which might be lethal. See Electroporation: a General Phenomenon for Manipulating Cells and Tissues J.C. Weaver, Journal of Cellular Biochemistry 51: 426-435 (1993.) Both the magnetic pulser and blood purifier can cause electroporation. Avoid ingesting alcohol 24 hours before using.

Do NOT place electrodes over skin lesions, abrasions, new scars, cuts, eruptions, or sunburn. Do NOT advance output amplitude to uncomfortable levels. All subjects will vary. Never put bare metal on skin. The magnetic pulser should be safe to use anywhere on body or head.

Drink an 8 oz. glass of filtered or preferably ozonated water 15 minutes before and immediately following each session and drink at least four additional glasses daily for flushing during “neutralization” and for one week thereafter. This is imperative. Ignoring this can cause systemic damage from unflushed toxic wastes. ***When absolutely essential drugs must be ingested, do so a few minutes after electrification then wait 24 hours before next session.***

If subject feels sluggish, faint, dizzy, itchy, headachy, light-headed or giddy, nauseous, bloated or has flu-like symptoms or rashes after exposures, reduce pulsing per session and/or shorten applications of electrification. Drink more water—preferably ozonized—to speed waste oxidation and disposal. Use extreme caution when treating patients with impaired kidney or liver function. Start slowly at first like about 20 minutes per day to reduce detoxification problems.

To avoid shock liability, use only batteries with blood cleaner. Do NOT use any line-connected power supply, etc. with blood electrification device. However a.c. supplies are OK with well insulated magnetic pulse generators (strobe lights.)

**Health professionals:** Avoid nicotine addicts, and other unconsciously motivated death-wishers and their covert agendas of “defeat the healer.” Tobacco, the most damaging (4½ times more addictive than heroin) and deadly substance of abuse known, disrupts normal cardiovascular function. True vegetarian diets are missing several essential amino acids absolutely necessary for the successful rebuilding of AIDS-ravaged tissues. Secondary gains and hidden agendas (sympathy/martyrdom, work avoidance, free benefits, financial assistance, etc.) can play large roles with many AIDS patients. “Recovery guilt” as friends are dying has precipitated suicide attempts masked as “accidents.” Avoid such entanglements, since many have unconscious death wishes.

**SUPERIOR ELECTRODES:** Excellent, convenient and vastly superior electrodes, reusable indefinitely, can be user-made by butt-soldering connecting wires to ends of 1-1/8” long by 3/32” dia. blanks cut from type 316 stainless steel rods available from welding supply stores (Cameron Welding Supply, 11061 Dale Ave., Stanton, CA 90680.) Use “Stay Clean” flux before soldering (zinc chloride/hydrochloric acid.) Shrink-insulate TWO tight telescoping layers of 3/8” long shrink tubing over soldered joints to prevent flexing/breaking and lead/copper ions from migrating.

**PREPARATION FOR USE:** Wrap three or four turns of 100% cotton flannel around rods. Spiral-wrap with strong thread starting from wire side to end. Tightly pinch cloth over rod’s end so as to leave no metal exposed by wrapping 6 or 7 turns of thread TIGHTLY just off end of rod, then spiral wrap back to start and tie with four knots then cut off excess cloth at end close to pinch-wraps. Treat end and knots with Fray Check® (fabric & sewing supply stores) to prevent raveling. Saturate before each use in a solution of sea salt (not table salt). Add a few drops of Colloidal Silver for disinfectant. Store for reuse. Tape soaking wet electrodes tightly over arterial pulse sites with paper masking, Transpore™ or Micropore® tape or make 1” wide stretch elastic bands with tabs of Velcro® at ends to fasten. Electrodes should closely conform precisely along blood vessels, not skewing ever so slightly over to adjacent flesh. This insures better electrical conductivity paths to circulating blood and insures very low skin impedance. (~2000Ω) Rinse and blot-dry electrodes and skin after each use. NEVER allow bare metal to touch skin as this will cause burns manifested as small red craters that heal slowly. The objective is to get maximum current into blood vessels, not leak it over to adjacent tissue. Therefore never use any electrode with cotton cover wider than about 1/8 inch.

**ELECTRODE PLACEMENTS:** Locate blood vessel paths (*NOT* to be confused with acupuncture, Chapman or pressure points) on either wrist (Ulnar to Radial) or else wrist to forearm by feeling for maximum pulses. Scrub skin over chosen sites with mild soap and water. Position each electrode lengthwise precisely along same branch of Radial artery. A 7" long, 1" wide elastic stretch band with two 1-1/4" lengths of 3/4" wide Velcro® sewn to ends of opposite sides makes an excellent wrist band for holding electrode snugly in place. Place wet electrodes between ulnar and radial pulse points on opposite sides on inside of *same* wrist. Then with electrode cable unplugged, turn switch ON and advance amplitude control to *maximum*. On original blood electrifier design, push momentary SW 2 "test" switch and see that the red and green light emitting diodes flash alternately. This verifies that polarity is reversing ~4 times per second (frequency in *NOT* critical) and that batteries are still good. When LED's don't light, replace all three 9V alkaline batteries. When the white incandescent bulb dims or appears yellowish, or relay isn't clicking, replace all four AA cells. Zener diodes will extinguish LED's when the three 9V battery's initial 27V drops below ~20V after extended use. Never use any electrode larger than 1-1/8" long by 1/8" wide to avoid dissipating current through surrounding tissue. Confine exactly over blood vessels. Apply drops of salt water to each electrode's cotton cover as needed to keep cotton covers damp and insure optimum current flow. Later devices are solid-state, use only one battery and no relays, and are much smaller. Electrify blood 2 hours daily for 4 weeks or longer as indicated. (See diagram on next page.)

**SETTING VOLTAGE:** Now rotate amplitude control to *minimum* (counter-clockwise) and plug in electrode cable. Advance dial slowly until feeling a "thumping" and tingling. Turn as high as tolerable but don't advance amplitude to where it is uncomfortable. Adjust voltage periodically when acclimating to comfort level after several minutes. It is normal to feel different sensations with time. You may notice little or no sensation at full amplitude immediately, but feeling will begin building up to maximum after several minutes at which time amplitude must be decreased. Typical adapted electrode-to-electrode tissue impedance is on the order of 2000Ω. Typical comfortable input (to skin) is ~3mA, and maximum tolerable input (full amplitude) is ~7mA. However, this "reserve" margin although harmless is unnecessary and can be uncomfortable. Current flowing through blood is much lower than this *external* input because of series resistances through skin, tissue and blood vessel walls, but 50 to 100μA through blood is essential.

**FREQUENCY OF USE:** Apply blood electrifier for about two hours daily for at least 1 month. Use judgment here. The limiting factor is detoxification. Carefully monitor subject's reactions (discomfort, catarrh, skin eruptions, weeping exudites, rashes, boils, carbuncles, coated tongue, etc.) With very heavy infections, go slower so as not to overload body's toxic disposal capability. Drinking ozone-bubbled water oxidizes wastes and speeds detoxification. With circulation-impaired diabetics, etc., you may wish to *extend* session times. Again, have subjects drink lots of water. Recent changes in theoretical protocol being currently tested suggest continuing the protocol for several weeks. One health practitioner with extensive use of both the blood electrification and magnetic pulsing devices reported to Sharing Health From the Heart Inc. to suggest prolonged use to ensure the stronger pathogens have been neutralized. He points out the danger of stopping too soon if only the weaker pathogens have been dealt with. He has suggested building up to using the blood electrification device for 6 days continuously to neutralize the longest lived pathogens. Remember to remoisten electrodes regularly. If you absolutely *must* ingest prescription drugs, do so immediately *after* turning off instrument and allow 24 hours before next treatment to let chemical concentrations in blood plasma decay to lower levels.

Remember, if subjects ever feel sleepy, sluggish, listless, nauseous, faint, bloated or headachy, or have flu-like reactions, they may be neglecting sufficient water intake for adequately flushing toxins. We interpret this as detoxification plus endorphin release due to electrification. Let them rest and stabilize for ~45 minutes before driving if indicated. If this detoxing becomes oppressive, treat every *second* day. Treatments are shown to safely neutralize viruses, fungi, bacteria, parasites and microbes in blood.

See US patents #5,188,738, 5,091,152, 5,139,684, 5,328,451, 3,753,886, 4,524,079, 4,665,898 and others as well as numerous valid medical studies which are presently little known or suppressed.

**SILVER COLLOID:** Also, ingesting a few oz. of ~5 parts per million silver colloid/silver ion solution daily can give subjects a "second intact immune system" and minimize or eliminate opportunistic infections during recovery phase. This miracle substance is pre-1938 technology, and unlike ozone is considered immune from FDA harassment. Silver colloid can *easily* be made at home electrolytically in minutes and in any desired quantities and parts per million strength for under 1¢ per gallon plus cost of water. It is ridiculous to purchase it for high prices. Unlike silver proteins, metallic colloid has no side effects, and is known to rapidly eliminate or prevent hundreds of diseases. Silver colloids won't produce drug resistant strains as will all other known antibiotics. No reasonable amount can overdose or injure users either topically, by ingestions, or professional medical injection. Refer to page 25 for complete instructions on successfully making your own.



# **Total Cancer Remissions through Blood Electrification combined with Silver Colloid**

Theories Offered for Information and Educational Purposes Only and are the Author's Opinions

Copyright © 1996 Robert C. Beck, D.Sc. re Reissued May, 1998

*Opinions expressed in this article are based on the author's first hand experience and do not necessarily reflect those of this publication.* [Originally published in *Explore!* Magazine]

My archives contain a tantalizing report from several decades ago describing an authenticated record of an older man who was struck by lightning, survived, and subsequently grew a third set of teeth and a bushy head of youthful new dark hair. His grossly metastasized, inoperable cancers vanished. He threw away his glasses and cane, and appeared much younger and was totally healthy for the first time ever. This fascinated scientists and years later almost encouraged some highly illegal and bizarre human experiments in an abandoned aircraft hangar in Wendover, Utah where Tesla coil research with ball lightning was underway. The incident generated wide speculation, but few insights at the time. This mystery remained sleeping until 1990 when an astounding discovery was reported at Albert Einstein college of Medicine in NYC by Drs. Kaali and Lyman. Not surprisingly, the revolutionary data were apparently immediately suppressed (See *Science News*; Mar. 30, 1991 pg. 207; and *Longevity*; Dec. 1992 pg. 14.)

As a totally unexpected and unpredictable outcome of the writer's self-funded research into "blood electrification" with micro currents for AIDS (currently showing excellent results), a growing number of users previously unknown to me began independently reporting "spontaneous remissions" of numerous *other* diseases **including cancer**. Most involved no doctors, medication, or time off. Recoveries occurred after subjects had self-administered an altered do-it-yourself blood treatment process first described in US Patent #5,188,738 issued to Dr. Steven Kaali in '93. We were puzzled to find explanations. This preliminary report offers a possible theory. Magnetic pulsing success with cancer were independently proven again in 1984 and described in US Patent #4,665,898 plus many other patents dating back to 1890!

The Einstein disclosure describes removing blood from one arm, electrifying it, and returning it to the other arm in a process similar to dialysis. It also describes surgically implanted active electrode chambers containing miniature batteries sewn inside blood vessels. This author's preferred approach leaves all blood in the body, is totally non-invasive, costs practically nothing and is safely accomplished in about a month with ~two hours per day exposures as one goes about his normal activities. It handles pathogens while blood flows normally through the ~60cc volume of the electrified forearm's ulnar branch artery from wrist to elbow. Without medications, invasive techniques or doctors, most pathogens, viruses, microbes, parasites and fungi just tend to disappear. Progress can be readily observed in blood with dark-field and phase-contrast microscopy. The entire process and simple apparatus with parts list is fully described in my '91 paper reprinted in recent issues of *Explore!* (Vol. 7#1) and in this paper. Also simple instructions for self-made silver colloids of far better quality than you can usually buy are given in Vol. 7, #2 of *Explore!* also *Explore More*, Issue #15. *Back issues: Box 1580, Mt. Vernon, WA 98273, phone 360-424-6025.* You can turn any glass of tap water into a 3 ppm ionic electrolytic colloid in about two minutes anywhere with a shirt

pocket instrument by simply running 27V (three 9V transistor radio batteries) between two short lengths of pure silver (never "Sterling") wires submerged in water. To date many "spontaneous remissions" of dozens of "incurable" illnesses including HIV have been reported by users and researchers of this "blood purification" when combined with ingestion of pennies-per-gallon instantly self-made ionic silver colloid plus magnetic pulsation and ozonized drinking water. Since none of dozens of friends using these apparent miracles has experienced infections, colds, flu, pneumonia, or lost a single day's productivity in over three years, evidence strongly suggests restored immune systems or dramatically improved blood functioning. It is also fascinating to note that several pet owners report their cats now refuse to drink water if silver colloid is not added. Trips to veterinarians with previously recurring infections were cut dramatically. It is as though the Creator had left a secret "back door" method for mankind to finally conquer the adversary - incurable diseases plaguing us since the beginning of time. To avoid legalities, these data are being offered under first amendment freedom of speech rights and should not be construed as medical advice.

It has long been known that dissections of cadavers dying of natural causes reveal many have had cancer several times during their lifetime resulting in "spontaneous remissions" generally without their knowledge and without ever visiting a doctor. An optimally functioning immune system somehow automatically "handles" diseases of which the subject seldom becomes aware. Several promising broad-spectrum natural immunological agents like interferon and interleukin are produced by healthy immune systems but would cost thousands for patients with already overloaded or "shut down" defenses although many such neuropeptides could speed cures. Other respected researchers describe "pleomorphic" forms of cancer pathogens which evolve through several stages—even mycotoxin involvement—all of which surrender to blood electrification. In spite of dozens of theories offered, most diseases disappear with these simple, rapid, inexpensive in-vivo do-it-yourself tools and *without* drugs, herbs, homeopathics, pharmaceuticals, diets, doctors, discomfort or *any* medical intervention. Users have nothing to buy except replacement batteries. For persons unable to self-assemble the simple electrifier (about two hours and ~\$50), dozens of people are currently custom building them and several companies are providing excellent and reliable combination "plant growth stimulators" and colloid generators ready to use. Most retail ready-to-use from \$135 to \$200. But this health breakthrough is politically incorrect and may never be FDA approved because of billions invested in treatment facilities, pharmaceuticals, and in clinical diagnostic equipment which must be amortized even if obsolete. This discovery gives power over diseases *back to the individual*—an economic disaster for the health cartels! The only dangers lie in too rapid detoxification avoidable by increasing ozonized water intake for

flushing and oxidizing wastes (Herxheimer's syndrome), plus avoiding potentially toxic substances during blood electrification because of vastly enhanced cell absorption due to electroporation. (See J.C. Weaver: Harvard-MIT in *Journal of Cellular Biochemistry*, 51:426-435; 1993) All drugs, alcohol, tobacco, pharmaceuticals, coffee, and potentially toxic herbs and vitamins *must* therefore be discontinued for at least two days before starting and for the duration of blood electrification or magnetic pulsing. This minimizes substances in your blood plasma which may become toxic at ~20X their normal levels.

Electrification is now being successfully used underground around the world. One Eastern MD claims numerous documented cancer cures by using only blood electrification and *no* surgery, radiation, drugs or chemotherapy. Many were considered terminal. We're even seeing clean blood tests of now healthy patients with previously long-standing "incurable" diseases.

One example—cervical cancer alone kills ~1/3 of all victims in the third world, and has long been known to be caused by the papilloma virus. Electrification has the potential to eliminate these toxic "fellow travelers" coexisting in our blood and may handle innumerable other diseases previously considered "incurable." Ebola or other possibly genetically engineered biological warfare "designer" plagues may be unleashed someday per some theories of Gulf War Syndrome diseases which are currently immune to all other known countermeasures. Blood electrification, colloids and ozone may be effective against these viruses as well.

The most reasonable theory of why electrification is so surprisingly effective for so many conditions lies in the now proven fact that when correctly applied directly into blood (*not* into other body tissue like palms of hands, soles of feet, or organs) the process neutralizes all microbes, pathogens, fungi, parasites, viruses, bacteria, mycotoxins and coexisting foreign life forms and alien invaders and their byproducts. In my opinion, this should never be confused with Royal Rife, Hulda Clark or others' modalities. Effective results are found to require a *minimum* of 27 Volts measurable under load with low impedance output which must deliver up to several *milli*-amperes measurable current into skin to produce the required 50 to 100 *micro*-amperes internally through blood after the inevitable series resistance losses through vessel walls plus several layers of tissue. Electrical currents in blood can be measured with an ac microvolt meter by IR drop using partially insulated hypodermic needles inserted ~6 inches apart into the same artery. Clark's "syncro-zap" running at her standard 30 kHz (considered many octaves too high to be effective) actually measures only ~2.6V peak to peak under load (~2000 ohms) at palms. The syncro-zapper's current is unmeasurable directly in bloodstream and physically *cannot* produce the essential 50 to 100  $\mu$ A required internally. This may only mask readouts of parasite presence radionically. Unfortunately the live bugs remain undisturbed and are still there and will still be observed in stool and microscopic blood diagnosis. To function at all, electrification requires cotton-covered salt water saturated stainless steel electrodes never over 3/32" wide and 1" long. Electrodes must be carefully positioned directly over and precisely in line with specific arterial pulse points. This

maximizes current into *blood* by not diffusing it into surrounding tissue. Square or round TENS, EKG, EEG, EMG, etc. electrodes work only marginally and should never be substituted. Preferred instrument pulse-repetition rate is ~3.9 Hz biphasic with steep rise time and 50% duty cycle. Rate is *not* critical although much higher frequencies and certainly higher harmonics of the essential square wave output are degraded by "skin effect" where currents travel around the outside of body instead of internally. This is demonstrated by lighting a bulb in one hand while touching a Tesla coil with the other and not getting shocked.

Careful electrification causes no known harmful side effects to healthy cells or tissue. A restored and unencumbered immune system may make one almost immortal! Blood electrified for several hours a day for three months were observed to live for well over a month when sealed under cover slips on microscope slides while the average life of "normal" drawn blood is under 4 days. This strongly suggests that even aging bodies may easily and rapidly be made impervious to many hostile, toxic, infectious, antibiotic-resistant and even yet undiscovered invaders. The subject is barely scratched with miracles being reported regularly ranging from dramatic weight loss to restored hair, feature symmetry (Prof. R. Thornhill, Univ. Of New Mexico), etc., many of which were unexpected but that I have personally experienced or observed. Dramatic weight loss might be explained by elimination of parasites, some of which can force your appetat to use your body as a fat "feeding lot" for their own survival. When the parasites are eliminated, the fat disappears. I personally lost about 145 lbs. after blood electrification. I had struggled to lose weight for 30 years and spent thousands for pills, shots, diets, and programs which had never worked.

Like all revolutionary ideas, this incredible breakthrough barely survived initial ridicule and rejection because it is too startling, effective, inexpensive, simple and foolproof to be generally believable. Massive resistance came from the population's ~85% harboring unconscious hidden agendas or "death wishes" of "defeat the healer" and who must protect their crutches and secondary gains. And almost universally, people simply refuse to take responsibility for their own health. They think the "Doctor-Priesthood" should know what's "best" for them. So acceptance of blood electrification is just now emerging to enthusiastic acceptance from those who've actually experienced the results. Being profit-motivated, the establishment *must* resist anything like this. But we now have our "hundredth monkey." Skeptics have only to use this technology to directly enjoy immensely better health. **Take back your power!** This works! The writer is a researcher, not a practitioner. **I have nothing for sale.** Please **never** try to contact me by phone or letter or through third parties since it is a felony for me to discuss well intended medical questions. I am a physicist, not a licensed medical practitioner and these devices may never be FDA approved.

**NOTE:** Sharing Health From the Heart Inc. gathers feedback from individuals and health practitioners on the use of this device. To obtain a free newsletter, call 1-800-224-0242 or 250-814-0046.



## **Blood Electrification – The Easy In-Vivo Way**

Revision May 1998 Informational use only. Not intended as medical advice. Copyright © 1997/99 Robert C. Beck

**Several years of experimentation and many reports of successes have resulted in simple, fast, proven ways to implement this most important step in self-healing.**

**Electrify two hours daily for a minimum of four weeks.**

1. Build or purchase a ready-to-use device, or put finishing touches on a nearly-completed kit costing \$89 Action Electronics, 1300 E. Edinger, Santa Ana, CA 92705 (714) 547-5169.
2. Prepare and label a sea-salt-in-water solution for electrode wetting. Use ¼ teaspoon of sea salt in a 2 ounce dropper bottle. Greater salt concentration can cause osmotic skin burns, irritation and rash. Add water and few drops of colloidal silver. Let salt dissolve. Filter through paper towel to clarify this storable conductive interface between cotton covered electrodes and skin. NEVER let bare metal electrode or any small area of metal touch skin directly, or it will burn. Use natural salt only, not table salt containing iodine for goiter and aluminum and silicates to insure easy pouring.
3. For best electrical conductance scrub skin at electrode locations with soap and water to eliminate skin oils, grime, dead skin cells, etc. Rinse and dry. With fingertip rub a drop of salt water into skin at each electrode site.
4. Referring to illustrations, carefully feel for pulses and trace a line about 1 inch long at each wrist site precisely on top and in line (parallel) with located blood paths. Pulses on Ulnar location opposite thumb are harder to feel. Never place electrodes over new lesions, cuts, abrasions, or sunburn. Muscle twitching in palm and fingers is normal and experienced occasionally.
5. Dip into bottle to saturate initially. Position wet electrodes not over ~3/32" wide 1-¼" long to wrist precisely over traced pulse paths. Slide each from forearm side underneath a snug 1" wide stretch elastic band with Velcro® retaining overlapped ends. One electrode positions on radial (thumb) side, the second on other (ulnar) inside of same wrist. Current is confined to blood in lower forearm. Very little electrification is detectable elsewhere thus making it safer for heart-pacer users. The wrist electrode placements are more convenient and faster than any other positions.
6. Put larger units in pocket and run electrode cord down sleeve or strap the smaller electrifier—single battery SOTA instrument—with stretch-band to forearm. Plug in electrodes, turn on and advance slowly to comfortable level. The SOTA unit is small, convenient, unobtrusive, and uses one instead of three 9V batteries. Neither interferes with normal activities. (SOTA Instruments Inc. 1-800-224-0242.)
7. Re-adjust power occasionally to maximum comfortable level. You can now even sleep with it on without fear. When the treatment (about two hours per session daily for a month or more but only after detoxifying) is done, turn it off and put it aside until tomorrow. When red and green LED's flash alternately with electrodes unplugged you know it's working properly. Blood cleansing can be speeded with heat. Example: wrapping forearm with electrodes in heating pad set to high.
8. Keep electrodes wet by re-moistening with drops of salt water occasionally using eye dropper. When finished, rinse wrists. Wash electrodes periodically with soap, water and soft toothbrush to eliminate skin oils and soil. Soaking overnight will dissolve caked salt. Discoloration at ends is normal. When frayed or worn, discard old covers and re-wrap stainless rods with 3 turns of 100% cotton flannel. Wrap tightly with a few turns of thread to end, spiral back to beginning and tie. Electrodes should last for months, but wire leads break and must be replaced eventually.

### What's inside the box?

Preferred electrifiers must generate a 3.9 Hz (not critical) biphasic sharp-rise-time square wave,  $\pm 27V$  peak adjustable output, 50% duty cycle, capable of delivering several milliamperes into a low resistance load at skin surface ( $\pm 2000\Omega$  impedance) which after losses in tissue resistance delivers the necessary 50 to 100 microamperes through flowing blood.

In the laboratory, this suppressed medical discovery proved to neutralize or eliminate all parasites and their mycotoxins, fungi, viruses, microbes, germs, pathogens, bacteria, or any other foreign invaders in blood without drugs. This device is proving effective for many people when applied in-vivo. There are no known side effects to healthy cells, tissue, or fluids. Elimination of blood pathogens can be verified by examining blood under dark field/phase contrast microscopy.

### Precautions:

Badly debilitated patients such as full-blown AIDS victims should begin at less than 20 minutes every second day and flush by drinking lots of pure water, preferably ozonized because their systems will go into rapid detoxification causing physical problems called Herxheimer's syndrome.

Users taking ANY medications, potentially toxic herbs or vitamins and garlic should minimize such presence in blood for at least two days before starting and avoid irritants including coffee, tea, alcohol, tobacco, recreational drugs, etc., during the several weeks of recovery. "Electroporation" is shown to increase dosage levels up to 20X of anything drunk, shot, or ingested thus causing problems. This documented by J.C. Weaver, Harvard-MIT *Jr. Cellular Biochemistry*, 51: 426-435; 1993. Patients needing essential medications should take them immediately **after** turning off electrification and wait 24 hours before next blood cleansing. This lets their residues decay to minimum levels in plasma before re-electrifying.

If detoxing becomes disturbing, proceed even more slowly. Symptoms may include fever, giddiness, dizziness, headaches, light-headed, vagueness, nausea, skin rashes, eruptions, itching, boils, coughing, kidney and liver discomfort, aches, general malaise, inflammations, frequent urination, and sluggishness. Use caution when detoxing patients with impaired liver or kidney function. But remember it's far better to force wastes *out* of your system than leaving them stored where they may have been hiding for years.

Treat slowly if initial discomfort occurs. Electrification will profoundly affect your health and provoke your deepest mind-sets such as everyone's unconscious conflicting death wishes. This generally caused noticeable anxiety and depression.