Biological Wave Generators
And How They May Help in Chronic Disease

This manual was developed by Hugh Smith Ph.D and
Is provided as part of the BW 21 Frequency Generators

Another in Dr. Smith’s Client Education Series

This pamphlet is complimentary to Dr. Smith’s clients.

Old Loft Ent., LLC
760-613-8645
www.BioCytonics.com

The information contained in this booklet is for educational purposes only. It is not
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qualified health care.

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Please note:

This information is not intended to diagnose, treat or prevent disease and must not replace the control or monitoring of a healthcare professional. Even if the results of these units may be impressive, it is not intended to replace the advice of an M.D.

While the BW 21 and the BW 77 are approved medical devices in the European Union, they are not approved by the FDA in the U.S. as medical devices and may be used for research purposes only. We do not assume any responsibility should you recover with the help of the enclosed information.

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Introduction

Since the discovery of electricity, a variety of applications for prevention and treatment of diseases have been developed. Some were primitive and questionable while others were of scientific benefit with observable and reproducible results.

Today, such units (such as the BW units) are used by medical doctors to relieve pain. Many researchers stand out in the crowd of scientists, men such as Nikola Tesla, Edison, Royal Rife,¹ Dr. Robert Beck,² Hulda Clark³ and Dr. Robert Becker.⁴

The modern microscope can magnify to roughly 1200x⁵ while a scanning electron microscope can magnify to 600,000x! However, the electron microscope necessarily kills the specimen by bombarding it with electrons. Seeing living specimens with SEM therefore is impossible.

In the late 1920’s and early 30’s, the San Diego researcher, R.R. Rife invented the Rife Microscope capable of magnifications of 60,000x. To this day, Royal Rife is the only human to ever see living viruses under a microscope. But, beyond that, he also discovered that all living organisms resonate at specific frequencies. He spent many years cataloging each pathogen by description and frequency.

He reasoned that if he could somehow “tune in” to each frequency he could destroy the cells through the process of apoptosis.⁶ He invented what he called the Rife Beam Ray. This was a frequency generator that used analog tubes and a light generator. This discovery led to his curing 400 cases of cancer out of 400 in lab rats. Later, in the mid 30’s, 4 oncologists brought 16 “incurable” cancer patients to Dr. Rife. In the next 4 months he proceeded to cure all 16.

As Rife discovered in the 1930’s every organism resonates with its own frequencies in a defined and specific band width and intensity.

As bio-energetic practitioners know, the higher developed a life form is, the higher its own frequencies and the larger the band width it oscillates. Researchers discovered that micro organisms cannot tolerate electric currents within their own frequency band utilizing low voltages of AC current.

Without going into details about the suppression of the Rife Beam Ray, let us just say that the technology is “back” with the advent of solid state circuitry. Today, thousands of

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¹ Royal Raymond Rife was a San Diego researcher. More can be discovered about this genius by reading the book “The Cancer Cure that Worked.” Barry Lynes, 1984
² Dr. Beck is a physicist and has 20 years of research in brain chemistry and neurochemicals.
³ “The Cure For All Cancers,” Hulda Regehr Clark.
⁴ “The Body Electric and Cross Currents” Robert Becker MD
⁵ Magnification is a function of the length of light waves. As we approach 1200 to 1500x magnification, we simply run out of usable light.
⁶ Apoptosis or “programmed cell death” is the process whereby cells die.
researchers including notables such as Dr. Hulda Clark and Dr. Robert Becker, discovered that pathogenic resonances are measurable on the skin surface. Additionally, Dr. Beck and Dr. Candace Pert⁷ are making stunning discoveries about the function of the brain and neuropeptides.

Voll⁸ devices, which measure skin resistance, can detect the presence of pathogenic micro organisms in the body because their presence increases the resistance of the skin. Other researchers began to realize that parasites⁹ were implicated strongly in the internal creation of disease. This is as foreign to most Western physicians as is acupressure, acupuncture, homeopathy and/or many other forms of alternative treatments.

It is known by any parasitologist that parasites go through several stages of maturation as well as several hosts. The infestation of parasites in humans puts an incredible load on the immune system, often overburdening the body until it finally succumbs.¹⁰ Unfortunately, clinical studies are few and doctors have only been interested in research when a massive infestation is indicated.¹¹

Interestingly, it has been repeatedly discovered that parasites increase the bacterial and fungal load on the immune system because they themselves carry these pathogens. Therefore, an individual who appears to always have a “cold” is more often than not suffering from a parasitic infestation. Antibiotics, herbal immune enhancers, probiotics, silver hydrosol, etc., will only temporarily reduce the symptoms.

While there are a few pharmaceuticals that will treat parasites (Flagil™ is one) none are very effective and put the body at risk of side effects.

It was discovered that very good results could be obtained with a positive offset square wave instead of the more common sine wave. At 30kHz¹² it is of almost universal effect on most parasites, bacteria, viruses, yeast and fungal forms.

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⁷ Dr. Pert was featured in “What the Bleep Do We Know” and is a Nobel Prize Runner up in her studies of neuropeptides. See her Book The Molecules of Emotion.
⁸ Applied EAV by Dr. Reinhold Voll (ElectroAcupuncture by Voll) provides not only an accurate holistic diagnosis very quickly, but also simultaneously the corresponding therapy. Last, but not least, the EAV is particularly suitable for early identification as well as diagnosis and therapy of chronic diseases (i.e. allergies).
⁹ See Parasites booklet, available at BioCytonics.com and as free downloadable booklets.
¹⁰ Parasites – The Hidden Cause of Many Diseases, A.E. Baklayan, Goldman Bertelsmann, 1999, (German)
¹¹ This means symptoms such as massive diarrhea, fevers, vomiting anemia, etc.
¹² This is a standard “on-board” setting for the BW21 and BW77.
The BW 21 & The BW 77 Bio-Wave Generators

Please be forewarned that the BW 21 and BW 77 are not replacements for careful medical treatment or advice provided by a physician.

Because of the groundbreaking research of Dr. Hulda Clark, we recommend the use of herbal supplements as well with the BW 21 and BW 77. Dr. Smith’s ParaClear should be used with the units and as a maintenance program.

Dr. Clark discovered early on that herbals will kill those parasites in the “filtering” organs such as the liver and kidneys, but those in the bloodstream, will be relatively unaffected. That is where frequency generators come into play. Most are already familiar with the so called Zappers which are available on-line at an average cost of $150. They are limited in effectiveness only because they operate usually within 2 frequency ranges.

Until the advent of solid state design and computer components, the BioWave Generators would not have been possible. Your unit is exactly that…a precision made hand held computer that is fully upgradeable and or expandable. The BW units were designed to avoid obsolescence. Check with your practitioner for available updates.

The BW 21 and the BW 77 are German designed solid state units that use interchangeable chips with specific frequencies representing all the Rife frequencies as well as Clark and Beck. Most Rife generators run in the range of $6,000 down to $800.00. Our BW 21 is very affordable ($400.00 U.S.) and is easy to use. One preprogrammed chip comes with each unit and other chips are available at $25.00 each.

The BW 77 is a more sophisticated unit and allows the user, after an update at users expense, to program his or her own chips utilizing the frequencies listed in the End Notes. At the basic version, users can however choose a single, custom frequency to run. These frequencies cannot be programmed into the BW 21, although the chipcards programmed by the BW77 can be used in the BW21. However, we can program the cards specifically for you.

The BW 77 cost including two stainless steel handles is $945.00. The update enabling the unit to program your own chip cards costs $150.00.

A broad overview of usage is presented here and full instructions follow. The general usage cycle is as follows and is automatic in the BW units making it very simple to use.

<table>
<thead>
<tr>
<th>Cycle:</th>
<th>1st application: 7 minutes</th>
<th>20 minute break</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2nd application 7 minutes</td>
<td>20 minute break</td>
</tr>
</tbody>
</table>

13 Complete instructions for each unit follows in the next chapter.
14 A complete list of all Rife frequencies can be found in the End Notes Section of this book.
Many will naturally wonder why this on/off cycle is important. The first cycle will kill or weaken a large number of parasites and also release a high amount of bacteria, both of which puts a heavy load on the immune system. After the first break, another application is necessary to overcome this load. More bacteria and fungal forms are released in this cycle. The final cycle kills off the release of additional bacteria and fungi.

**Additional Features**

The BW21 also contains several “onboard” programs. For instance, the 7-20-7-20-7, CLD, INF, T-Pain (1-3) Beck 3,92Hz, Pain Rife, as well as the Duration Zapper and Zapicator-Program. They are useful for viruses, bacterial infections, pain and continuous parasite zapping or hooking up a Zappicator to the unit. The BW21 is unique in that it is built to be updatable at all times. For example, it contains a CES frequency built-in that is best described as a “brain-tuner.”

This is built upon the 20 years of research by Dr. Robert Beck. When the add-on electrodes are attached to the ear lobes, it has the ability to improve:

- Ability to Focus
- Lucid Dreaming
- Deep Relaxation
- Enhanced Creativity
- Centering and Calmness
- Reduced Nervous Energy
- Deeper, more Restful Sleep
- Better Sexual Performance
- Improved Mental Abilities
- Short Term Memory Improvement
- Increased Mental and Physical Energy
- Reduced Negative Behavior Patterns
- Heightened Alpha Brainwave Patterns
- Improved Attention Span and Concentration

"Double-blind studies were done at the University of Wisconsin on the Beck Units capabilities to overcome drug-withdrawal symptoms and it did the job. Studies at both Wisconsin and the University of Louisiana showed it could boost IQ from twenty to thirty points. BW21 stimulation appears to enhance neural efficiency,” researchers stated.

'Users report the BW21 reduces stress, improves short and long term memory, helps learning, increases energy, improves concentration and reduces pain, anxiety, depression, and sleep requirements."

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15 Some have found that they have better and faster results with this setting for parasites. It is a continuous cycle unlike the 7x20x7x20x7
16 CES = Cerebral Electro Stimulation
"Dr. Donald Kubitz, of San Francisco, one of the first American doctors to study Dr. Wen’s work with electro acupuncture on addicts, believed electro stimulation could be enormously beneficial for autistic and other mentally handicapped children. Both the BW-21 and electro acupuncture could prove powerful new ways to open fabulous new dimensions of mind as well as overcome disabilities and addictions.

Scottish surgeon Margaret Patterson studied Wen’s methods in Hong Kong. Back in England she developed highly sophisticated machines that produced neurotransmitters by electro stimulation of the brain. Then she set up her own treatment center in California. Famous clients were flown in, some on stretchers – rock superstar Peter Townshend for one, guitarist and composer for The Who and creator of the hit rock musical Tommy. A drug addict for years, Townshend had spent a fortune trying to kick his habit. Within forty minutes of applying the device, the heroin was counteracted. Ten days of treatments later he was over his addiction to heroin, alcohol, and cocaine, with no withdrawal symptoms.

To use the Beck Brain Tuner, order the license chip ($100.00) which unlocks your unit with a unique computer code. Apply a small amount of gel to each ear lobe and connect the electrodes included with the license chip to the ear lobes.

Power up the BW. Once the program is run, The BW will shut down automatically. We suggest 1 program per day for 10 days.
Using the BW 21 & BW 77

Please read these instructions carefully and familiarize yourself with the various functions and cards available. Consult your provider if you have questions. Keep in mind that the information provided in this booklet is much more than you will need to use your BioWave units. It is provided to give you complete and up to date information so that you can use and maintain your unit for years to come.

Design

BW 21

1. Drive for chip card
2. Power Light
3. LED display
4. Program key: Selection for different sequences
5. Enter key: Confirm or return to function in program
6. Power light
7. Intensity key to increase/decrease intensity
8. On/off switch

The BW 21 and BW 77 are light enough to clip to a belt or purse so it is always ready to use when needed.
Initial Operation

Open the battery compartment on the rear of the unit. Insert the battery being certain to properly align the poles. If you reverse polarity it will discharge the battery very quickly and the unit will not function properly. You may use the supplied 9v battery or use a rechargeable 8.4v NiMh battery.

Wash your hands thoroughly with soap and water to remove lotions and creams which will, over time, soil the wrist bands and lower the current flow.

Connect the cables with the output connecters making sure red matches red and black matches black. Connect each cable to the wristbands using the snap on cables. The wristbands should be lightly moistened with normal tap water to increase conductivity.

Switch on the unit.

1. Insert a preprogrammed chip card (e.g. the “A” chip for Asthma) or use the standard sequences programmed within the unit.
2. Make certain the chip arrow faces down.
3. Press the power key until the power light is illuminated
4. A welcome message will appear with the software version number
5. The display will automatically jump to the next program window

Selecting Language Option

The BW units are preprogrammed in three languages; German, Italian and English.

When the BW displays :

1. “Seq.ChipCard A” or “Choose Seq. 7-20-7-20-7” (if no chip is inserted)
2. Press the up Arrow on the Program Settings
3. “Settings” will appear
4. Press Enter
5. Press the program arrow down twice
6. Language choices will appear
7. Using the down or up arrow on Intensity select language
8. Press Enter. Your language is now permanently set.
9. Turn off the unit (this re-boots the unit).

Selecting a Program:

1. Press On
2. Press enter (the first that will appear, if the “A” card was inserted, is Ascaris with the total time of the program upper left, intensity upper right…intensity adjustment is covered in step 4). By scrolling with the down Program arrow,
you can run through each individual sequence from Ascaris to candida. We suggest you run the entire Ascaris 1 program for the entire 40 minutes.

3. With the wrist connectors properly in place press Run. (You may interrupt the cycle by briefly touching the Run button. The Run light will go out). If you do not press the Run button within 5 minutes, the unit will automatically turn off.

4. The Intensity should be used that is just comfortable for your use. Scroll the Intensity arrow up or down until it is comfortable for you. Some tingling sensation is normal. Too much intensity can result in a rash, irritation and or a burn. Exercise caution!

5. Relax

6. The unit will automatically pause at the correct time and restart automatically.

7. When finished, the unit will beep 3 times. Hold the “On” button down until the unit beeps 3 times and shuts down.

8. Press the chip down and it will disengage from the unit. Do not forcibly pull the chip free. Keep the chips in a plastic baggie so it will not accumulate dust and soil.

9. Return everything to its proper place to prevent loss and soiling.

Contact Control:

The contact control is displayed automatically at the beginning of the Run sequence. The measured values are between 0 and 200. After 2 seconds, the display automatically returns to the Run sequence.

If the contact value is lower than 5, the display will show “No Contact.” The Run light will flash and beep every 3 seconds.

WARNING! The sequence is now interrupted!

Adjust the wrist straps for contact and press Enter to test again.

Changing Between Individual and Total Time:

If the Run key is pressed for more than 3 seconds, the time indicator changes from individual (denoted by the EE in front of the time) to total time. We usually recommend you run total times.

Ending The Program:

At the end of the frequency run, the display shows “Ready.” Confirm by pressing Enter. The unit returns to “Select Sequence” window and you may now shut the unit down.
Battery Status:

You can check battery status by briefly touching the “On” button. After 5 seconds, the display returns automatically to the last window selected. During the entire frequency sequence, the voltage is continually displayed. If the battery is discharged, the status bar shrinks to a thin bar and the Power Light flashes.

Available Chip Cards: 17

There are currently several cards available that cover about any need you may have. They are

1. “L”  The Liver frequency which consists of parasite cleanse, cholesterol and bowel detox.
2. “A”  The Asthma frequency which consists of parasites, mold, and candida.
3. “IM” Which enhances the immune response for daily use.
4. “BO” B. Burgdorferi (Bb) which is for Lyme disease.
5. “BR” The Bio-Regeneration frequency for cancer.
6. “PRO” For Prostatitis and prostate cancer
8. “DTOX” A special detoxifying chip
9. “DB” Program especially made for Diabetes I and II, shown to be able to reduce needed Insulin supplementation

Applications of Different Sequence Runs:

1. Chip Card Program
2. 3 x 7 minute with 20 minute pause each (General internal program)
3. Continuous “Zap” for 1 hour
4. Settings

Selecting a Frequency Operation:

1. If no chip was inserted prior to turning on, the first sequence to appear is the sequence 3 x 7 with an automatic 20 minute pause.
2. If a chip was inserted, the first sequence to appear is the sequence “chip card”
3. Select required frequency sequence with Program up/down keys.
4. Confirm choice with “Enter” and the LED jumps to the sequence window.
5. After selecting the frequency program, press “Run” and an audible long signal will sound and the Run Light will illuminate.
6. During the frequency run it can be stopped by pressing Run briefly. The Run light stops after an audible signal sounds.

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17 These preprogrammed cards and others are available at www.biocytonics.com
7. If “Run” is not pressed again in 5 minutes, the unit will automatically shut down.

To turn off the BW 21 one simply presses the “On” button until 3 audible beeps are heard.

Application of Electrodes

1. Remove all jewelry and metal objects such as watches, rings, and other metal objects. *Wet the wrist bands with ordinary tap water to increase contact.* Place the Red wrist band around the right wrist ("Red is Right") and the black wrist strap around the left wrist. Tighten the bands snugly but do not cut the circulation. The BW 21 will indicate contact values from 0 to 200. The higher the better. This is the most common application method.

2. Another application that works well when problems appear to be below the navel area, bladder, abdomen or joints it is best to attach the wrist bands on the ankles. Be certain the floor is insulated. Two plastic baggies will accomplish this insulation.

3. If problems appear to be between the chest and navel on the right side of the body you can also place one wrist band on the right wrist and right ankle. Reverse the position for the left side.

4. Another possibility is to lie on the stomach for 7 minutes with one electrode on the coccyx and the other on the neck. This has a similar “tonic” effect according to Chinese meridians.

5. A final option for specific pain areas is wrap one wrist band around the wrist while positioning the other directly over the pain area. Remain on the sequence until pain is relieved.

Your diet has a huge effect on how well the Bio Wave works. The more acid you are (low pH) the less it works. The higher your pH (more alkaline) the better the results will be. We recommend that you consider the Alkaline Ash Diet during the chronic condition and continue this diet until you feel you are better or at the advice of your health care practitioner. This diet appears in the End Notes.

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18 For easier use at different points on the body attach the Beck unit using the included pads.
The following frequencies are pre-programmed into the BW Units..

**7-20-7-20-7 Clark Frequency 33 kHz**

<table>
<thead>
<tr>
<th>Application</th>
<th>Time (minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 minutes</td>
<td>07:00</td>
</tr>
<tr>
<td>Break</td>
<td>20:00</td>
</tr>
<tr>
<td>7 minutes</td>
<td>07:00</td>
</tr>
<tr>
<td>Break</td>
<td>20:00</td>
</tr>
<tr>
<td>7 minutes</td>
<td>07:00</td>
</tr>
</tbody>
</table>

**Permanent Clark Frequency 33 kHz (intensive parasite cleanse)**

<table>
<thead>
<tr>
<th>Application</th>
<th>Time (minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>33.3 kHz</td>
<td>60:00</td>
</tr>
</tbody>
</table>

**INF (Flu or Viral Infections)**

<table>
<thead>
<tr>
<th>Application</th>
<th>Time (minutes)</th>
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</thead>
<tbody>
<tr>
<td>GR 1</td>
<td>03:00</td>
</tr>
<tr>
<td>GR 2</td>
<td>01:00</td>
</tr>
<tr>
<td>GR 3</td>
<td>01:00</td>
</tr>
<tr>
<td>GR 4</td>
<td>01:00</td>
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</tbody>
</table>

**CLD (Cold or Bacterial Infections)**

<table>
<thead>
<tr>
<th>Application</th>
<th>Time (minutes)</th>
</tr>
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<tbody>
<tr>
<td>SN 1</td>
<td>02:00</td>
</tr>
<tr>
<td>SN 2</td>
<td>02:00</td>
</tr>
<tr>
<td>SN 3</td>
<td>01:00</td>
</tr>
<tr>
<td>SN 4</td>
<td>02:00</td>
</tr>
<tr>
<td>SN 5</td>
<td>01:00</td>
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</tbody>
</table>

**T-Pain (Pain)**

<table>
<thead>
<tr>
<th>Application</th>
<th>Time (minutes)</th>
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</thead>
<tbody>
<tr>
<td>Rife 10 kHz</td>
<td>04:00</td>
</tr>
<tr>
<td>Rife 5 kHz</td>
<td>03:00</td>
</tr>
<tr>
<td>Rife 20 kHz</td>
<td>03:00</td>
</tr>
<tr>
<td>Rife 10kHz</td>
<td>03:00</td>
</tr>
</tbody>
</table>

**BK (Blood, half Schuhmann-frequency)**

<table>
<thead>
<tr>
<th>Application</th>
<th>Time (minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.92 Hz</td>
<td>60:00</td>
</tr>
</tbody>
</table>

**Zappicator**

(Plate for energetic removal of interference from foods)

<table>
<thead>
<tr>
<th>Application</th>
<th>Time (minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zappicator</td>
<td>12:00</td>
</tr>
</tbody>
</table>
Are There Any Side Effects?

Because the current utilized is so weak, there are generally no side effects at all. If rash occurs using the wrist straps, you have a high possibility of being over acidic. Please start alkaline diet accommodating zapping.

**We do advise, however, that individuals wearing pacemakers should avoid the use of the units as this has not be researched. We also advise that pregnant or nursing mother’s avoid the units as we do not know the results from the dead parasites or toxic buildup.**

Auto Aggressive Disease

It is well known that increasing the immune system response with auto immune disease will actually cause more problems than it will solve. It is better to address the underlying cause. For example, diseases involving mycoplasma infections will actually be worse since the problem is that the white cells are already having difficulty killing the pathogen. Often, we find that a simple 30 – 60 second daily routine (7-20-7-20-7) with a gradual increase over a few months is helpful. There is a rule of thumb to consider; if there are any reactions such as increased fatigue, thirst, slight headaches, it is probably a positive sign as it shows that the pathogens are being killed and the body is reacting with what is commonly called a Herxheimer’s reaction.

**Diabetes**

Experience has shown that diabetics, especially Type II diabetics, may experience a sudden change using the simple DB chip and their insulin levels may show a dramatic change. In these cases, it is imperative that sugar levels be constantly monitored and adjusted to avoid overdoses of insulin.

**Colds**

The BW units have been anecdotally effective against colds. Use of the BW units at the first sign of a cold may help reduce the flood of bacteria and we receive positive reports that colds are either shortened or relieved almost immediately utilizing the Beck add on and high doses of Vitamin C.

**Asthma/Bronchitis**

The BW units have proven useful when the cycles have been started at a time when symptoms are not apparent. To help the system adjust and break the chronic cycle, we recommend the 3x7 cycle for at least 4 months then followed with the 10 minute per day as a preventive cycle and supporting the lungs with quercetin and TrimaZyme as recommended by your health practitioner. We also recommend the Beck Add On contacts and, for best results, placing one electrode on the chest and the other on the wrist. Usually, after intensive coughing, the condition increasingly improves.
Cancer

It is to his credit that Royal Rife discovered that cancer is viral in nature. Hulda Clark discovered that parasitic burdens play a major role in cancer. Please do not consider the BW units as a “one shot” cure all. Cancer requires a commitment to life style change and guidance from a practitioner.

Epilepsy, Parkinson’s and Nervous Disorders

These nervous disorders, more often than not have been proven to be caused by parasitic infections and environmental toxins such as mercury, lead and arsenic, etc. One must work very closely with a provider by eliminating these hazards and building the metabolism to beat these problems.

Migraines

Several researchers have noted that Strongyloides (threadworms) can be found in nearly every sufferer. The migraines appear to disappear as soon as the worms have been eliminated. The return of the migraines signals a re-infection. Using the 3x7 cycle consistently, should help in these cases.

Menstrual Pain and PMS

In many cases, Enterobius vermicularis (a parasite), roundworms and threadworms are part of the overall problem. Naturally, hormone imbalances should also be addressed. The units should be started in between cycles and twice daily during cycles.
WARNINGS and SAFETY

Never remove the casing from the device. Never use the unit near water such as basins and bathtubs nor in places with high humidity such as saunas. Do not place the unit near radiators, heaters or stoves. Extreme temperature swings can harm the LCD panel.

Never use external power supplies! Operate entirely and exclusively using the battery supply only as a power source.

Avoid using the unit around high emission areas of Electromagnetic fields (EMF) for best results. In other words, turn off televisions, radios, microwaves, etc. while in use.

Technical Data

Average Lifespan of the BW 21/BW 77: minimum 3 years
Operating temperature: 32° F. - 125°F
Humidity: 0 – 90% relative
Weight of unit (including battery): 200 gms
Power Supply: 9V or 8.4 NiMh rechargeable
Power Supply in operation: app. 10 mA
Current consumption in “Pause”: app. 2 mA
Battery Life: app. 500mA/hr. At 3x7 cycles, battery life is app. 20 applications & varies with skin resistance and battery type.
Output Voltage: 1 volt to 15 volts
Output Signal Form: Symmetrical rectangle positive (hrs. Clark). Positive offset with .25 volt residual voltage
Output Frequency: 33.33 kHz (or variable frequency according to program)
Frequency Accuracy: +/- 100 ppm
Internal Resistance: 1 kOhm
Max. output for a short circuit: <10 mA
End Notes

Rife Frequencies

These frequencies can only be used with the BW 77 as it is a programmable unit. Used with the available special order programmable chips, these frequencies cover a ride range of conditions although a universal Rife frequency is included in the unit.

Please be aware that these frequencies are for research purposes only and are not intended to treat, prevent or cure disease under FDA regulations.

There are possibly four ways that rife frequencies may be of use to you

Direct destruction:

If you have a micro-organism, and you know the frequency, you can destroy it. If a client has a terrible case of Shingles, we know that that is caused by Herpes. Simply set the Rife Machine to the Herpes frequency 1552, and let it run for 1/2 an hour. In most cases, it will be gone in less than 3 days.

Plagues and epidemics:

Looking through this chart you may be wondering, what use is a frequency to destroy the Bubonic Plague today. Aside from the morbid reality of Germ Warfare, hasn't the Bubonic Plague been wiped off the face of the Earth? Actually no, there are several reported cases every year. Of course, the odds of being one of the 10 or so people who get it every year are quite slim. However, almost everyone alive today who is of European decent is a descendant of a survivor of the Black (Bubonic) plague. That means that you can probably trace a direct blood line through the placenta along the female side, or the sperm and prostatic fluid on your fathers side of your family to a person who was infected with the Plague centuries ago. Homeopaths call this a miasm.

Don't be surprised if you, or one of your clients, feels a slight tingling in the armpits (the Plague caused the lymph nodes to swell up) on this frequency. Does that mean you have an active form of the Bubonic Plague? No, but a watered down version of it may have been passing through your family blood line for the last 400 years, which may have been causing some health problems.

Immunizations:

How about Diphtheria, or Rubella? Everyone in the U.S.A. gets a DPT shot when they are children. DPT stands for Diphtheria, Pertussis and Tetanus. That means that some part of these micro-organism, were injected into the body, past the defenses of the

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19 Please note that we often refer to colors in the Rife Frequency chart.
intestinal tracts and the skin. Did part of the virus survive? The unfortunate reactions that some children have to these immunizations (death, mental retardation, immune dysfunction et. al.) every year tells us that these immunizations are not always deactivated before they are injected.

**Families of micro-organisms:**

Gonorrhea is not a problem in developed countries, but the frequency for Gonorrhea is the most useful frequency when it comes to the common cold. Either the common cold is a respiratory version of Gonorrhea, or shares enough of the same structure as to be destroyed by the same frequency as Gonorrhea. Thus, although the Rife Machine is set for 20 frequencies, each frequency may be capable of destroying 100's different but similarly structured micro-organisms. One session may destroy 2000 different types of unwanted life-forms. Rife himself believed that there were at most 10 families of disease producing organisms.

Parasites 72 Staphylococci 727
Parasites 95 Diphtheria 776
Parasites 120 Rubella 787
Lyme Disease 432 Tuberculosis 800
Candida 465 E. Coli 802
Bubonic Plague 500 Streptococci 880
Leprosy 600 Herpes 1552
Syphilis 650 Typhoid 1865
Gonorrhea 660 Sarcoma 2008
H. Pylori 676 Carcinoma 2128

The origin of the MORs (Mortal Oscillatory Rates or "Mortality Oscillator Rates" of bacteria and viruses), originally discovered by Royal Rife during the first half of the twentieth century, has perplexed many people since that time. While it is generally acknowledged that some type of resonance phenomenon destroyed or debilitated the organisms, it has been difficult at best to pinpoint any association of specific frequency with what is physically affecting these life forms during the time of their debilitation or demise.

The following is a listing of these known MORs as compiled by Dr. Robert P. Stafford, M.D. a physician who worked with an original Rife machine from 1957 to 1963:

**Simplified Microorganism Frequencies in Hertz:**

Tetanus 120
Treponema 660
Gonorrhea 712
Staphylococci 728
Pneumococci 776
Streptothrix (fungus) 784
Streptococci 880
Typhoid Bacteria 712
Typhoid Virus 1862
Tuberculosis Rod Form 803
Tuberculosis Virus 1552 (same as B-Coli)
Sarcoma (all forms) 2008
Carcinoma (all forms) 2128
The World’s Easiest Diet

Supercharge your health with this easy to follow program. The human body (and the BW unit) functions best at an optimum pH of 7.35 (alkaline).* Most individuals will choose to reduce and not eliminate all acid foods.

The foods should be balanced at a 70/30 ratio.

### Acid/Alkaline Foods

<table>
<thead>
<tr>
<th>70%</th>
<th>30%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Alkaline-Ash Foods</strong>&lt;br&gt;<em>Foods that may be eaten freely</em></td>
<td><strong>Acid-Ash Foods</strong>&lt;br&gt;<em>Foods to avoid when possible.</em></td>
</tr>
</tbody>
</table>

*Try to limit animal proteins to 45 grams a day. Some will find it helpful to supplement their diets with 250-500 mgs each of all three essential fatty acids (Omega 3, 6 & 9) per day. Some may also find that supplementing with Brewer’s Yeast Tabs (2 - 3x daily) may be helpful.

To calculate the amount of water for your body...divide your weight by 2. Convert the pounds to ounces and this is your optimum daily intake for health. For example, if a man weighs 150 pounds, his daily intake of water should be 75 ounces minimum.

*One can easily check their daily pH with pH strips available from most health food stores. Upon rising, bite a lemon wedge. Wait a few minutes and place a pH strip in your mouth. Read the results from the chart provided with your pH strip. (This method is much more accurate than a urine sample).