

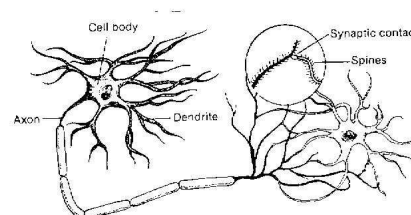
PART ONE: INTRODUCTION TO THE TECHNOLOGY



When the Acuscope was first released in 1978, it was housed within a wooden case, with a rear-panel sliding door, allowing for convenient replacement of its power supply, 8 D-Cell batteries.

Since then, much advancement has taken place in the world of technology. However, the Acuscope is still today, what it was back then, incomparable in the realm of electro-therapy for pain and stress management. Now, the newest models are even more refined, further precision calibrated. The Acuscope System remains technologically advanced, superior to other micro-current devices, sophisticated and unique in the world of bio-electrical medicine; it is the only biofeedback-driven neuromuscular micro-current therapy equipment available.

While the newest instruments in the Acuscope family have crystal oscillators that provide greater accuracy in impedance monitoring, calibration that is more highly developed, and advancements that have improved the detection of waveform variance, the Acuscope still does what it has done from the very beginning; that is, to boost cellular metabolism causing tissue to self-repair more quickly and efficiently, until it has returned to a normalized, pain-free state. While skeptics may question scientific explanations that describe the impact of micro-current, it has been duly proven to “enhance cellular capacitance, improve sodium pump function, repolarize cell membrane potential, promote intra and extra-cellular ion exchange, and accelerate ATP production, etc.” (Ngok Cheng, et al). Over the last 30 years, the remarkable results that consistently occur when this particular brand of micro-current instrumentation is applied to the human body (and all types of animals too) have amazed and impressed practitioners in every field.



The running joke since the beginning, based on the prophetic words of inventor and manufacturer, Dr. Tony Nebrensky, has been that “the Acuscope will produce changes that reduce pain whether the operator knows what they’re doing or not, as long as probes are placed on the body and the start button is pressed!” However, one thing has become obvious – the more the operator knows, the better it gets: faster results, more complete relief for the patient.

Now that the Acuscope System is becoming more well-accepted, respected, and “popular” with both mainstream and “alternative” practices across America (and around the world), there appears to be an urgent need for training that provides a greater understanding of what this one-of-a-kind technology does when it interfaces with living human tissue. To answer the question “Why does it get results that nothing else can?” And to show all who need to know “How do we best operate the equipment to make that happen?” This new Operator’s Manual is intended to begin to serve this purpose.

Admittedly, there is much confusion and widespread misinformation today among those currently using these instruments; many are being operated by those with limited training; and protocols are circulating, based on minimal comprehension of the impact of the various

Frequencies, or the rationale for adjustment of the Intensity, the utilization of the digital and auditory feedback in conjunction with the fine tuning capability of the Gain Spectrum, etc. Even the differences between the two instruments, Acuscope and Myopulse, is commonly poorly understood.

Happily, this manual will offer clarification: definitions of key terminology, help in developing a deeper understanding of bio-electricity, and it will attempt to resolve the confusion. Any practitioner reading thoughtfully and thoroughly will become more competent and therefore develop greater confidence when providing treatment with any model Acuscope and/or Myopulse. Charting an individually customized Treatment Plan is certainly impossible without first knowing and understanding the reasoning behind, for example, the “cumulative effect” of a series of treatments; and when the majority of conditions contain both chronic and acute (often inflammatory) aspects, it is imperative that the operator incorporates both the necessary general systemic treatment procedures as well as applying specific frequencies directly to localized painful/involved areas and referred locations with appropriate plates and electrodes, based on the digital and auditory feedback from the Acuscope!

It is time for the fog to lift; that is my mission in writing this new manual, and Joyce Jackson’s commitment as a Distributor – Progressive Therapy Systems. We are concerned for all practitioners everywhere who would prefer to thoroughly understand the technology, and use it intelligently and therefore proficiently, rather than memorizing (or looking up cookbook-style) often unfounded, frequently confusing protocols.

And finally, it is my intention to create a network of well-informed and well-trained practitioners across America and around the world, to facilitate communication and begin to deliver case reports, research and studies for publication in medical journals.

A Brief History of the Electro-Acuscope

Some practices today are using only the Acuscope; and in the beginning, that is exactly what we had . . . with two hand-held probes and brass alloy tips that utilized Q-Tips (dipped into water, snapped off near the cotton fiber and inserted into the hole in the end of the tip). This is how all of our treatments were done for the first several years. Oh yes, we had a small cylindrical brass hand-held bar for the patient to hold, something we rarely use anymore.



As time went on, a new, more sophisticated model Acuscope was released, the 80C. We continued to experiment, stimulating AcuPoints, two at a time, especially on those locations where one may have inserted needles if one was doing Acupuncture. With micro-electricity boosting the energy from point to point along the meridians, like amplifiers enhancing the signal traveling along neural pathways, we knew it was called Acuscope for a reason; so we treated Acu-Points in the area(s) of involvement and bi-laterally; along the

spine, and from the feet to the face; and we experimented with treating the ears. Knowing only that the current moved back and forth between the two probes, reversing the polarity of the electrodes every few seconds, it seemed logical to us, even way back then, that if energy was blocked, a pathway would eventually clear for the current to flow more freely along existing neural pathways (meridians), reestablishing balance between the two sides.

And there were readouts and sounds to confirm that indeed, this was so! What began as low readouts using a high Gain, became high readouts with a low Gain. What a concept!

We were advised by Dr. Nebrensky to always begin with the Frequency set at 0.5 Hz, “a long, slow, shallow and therefore deeply penetrating waveform;” by setting the Intensity (uA) to only push strongly enough to where the patient had no sensation, treatment was always gentle and comfortable. That was certainly a plus in comparison to other modalities. Raising the Gain (it was a dial back then) until the next 12-second stimulation produced a full deflection of the meter to 100+, we were consistently fascinated and amazed at the results. Patients would say “It doesn’t hurt anymore, the pain seems to be gone and I can move again.” Practitioners would simply smile. We observed the profoundly calming effect that the recommended 8 or 10 Hz @ 100 Ua produced when applied transcranially with the Ear Clips, once we had them to use. We pondered the mystery of brainwaves, frequencies, and the state-of-mind they created. This was all quite new to practitioners who were discovering the influence of micro-electricity on the body’s electrical circuitry for the first time; and who were thrilled at the concept of manipulating bioelectricity to promote tissue self-repair at the cellular level.

We also noticed that remarkable things happened when we treated directly “through” the area where a “problem” was located, learning to use high frequencies to address areas where abnormally high feedback reflected inflammation. We asked Dr. Nebrensky to design additional electrodes to meet the requirements of an expanding variety of practices, from Physical Therapy and Chiropractic to Podiatry, Dentistry, and Psychiatry. This enhanced the Acuscope’s ability and expanded our repertoire of treatment protocols. Medical Doctors advanced their thinking in that they could now offer (or refer patients to someone who could offer) neurological physical therapy that was non-invasive and incomparably effective.



Then along came the Myopulse . . .



And everything changed. Suddenly it was possible to influence not only the nerves, the neuro-transmitters cascading along meridians, sending signals throughout the nervous system, to and from the master computer in the skull, the brain. All at once it became possible to do more than boost and balance points to influence the neural network. Up to this time we had been able only to indirectly affect soft, connective tissue via embedded nerve-endings.

Now we were able to impact muscles and tendons directly with an entirely different current driven in sinusoidal waveforms that would “speak” to contractile tissue in its own language. We could now instantly influence the electrical fields of connective tissue, the muscles, tendons, ligaments, and fascia that connect the bones, hold them in place, allowing us all to move around and do those things in the world that sometimes lead to injury and pain!





By waving a brilliantly designed “wand” over a particular muscle, for example, we were able to use the Myopulse to help relieve spasms, strains, trigger points, knots, and tightness; i.e., constriction. Releasing and relaxing the tension away like magic by the application of sine waves of micro-electricity; the Myopulse produced such remarkable effects. Even after tears, pulls, sprains, strains and other types of serious damage, we observed that tissue seemed to repair itself more quickly, hence, more efficiently? Scar tissue would soften. Flaccid, atrophied muscles showed renewed signs of life. Once we realized that we could massage with gentle micro-currents of electricity that normalize the electrical potentials of the fields generated when contractile tissue cells fire simultaneously, well, then we were on another level of rehabilitation potential. Now we were able to have direct impact on muscles, tendons, ligaments, fascia – the soft tissue within every joint of the body.

Now we had a complete neuromuscular treatment system comprised of two remarkable pieces of equipment that are similar in that they both operate at the microcurrent level, but are completely different in terms of their biofeedback monitoring input, and carrier waveform configuration output. Below, you’ll see the progression of the models:



On to the present day . . .

Today, with the advancements and refinements of the latest models in the line of Acuscope and Myopulse technology, practitioners in every field can achieve even more remarkable results than before.

When you have read this manual from cover to cover, (preferably each section more than once) I promise that you will know how to use every dial; knob; setting; the large array of ingeniously designed electrodes that have been (and continue to be) developed for every conceivable application of the Electro-Acuscope and Myopulse; and you will understand what the auditory and digital feedback is telling you so that you can intelligently formulate a treatment plan to best serve the needs of each and every patient who comes to you in pain and suffering. If/when an operation is necessary, you will be able to provide pre-op preparation so that the tissue is sufficiently “charged” to insure a successful procedure; and apply post-op treatment for speedier recovery. You will be able to treat yourself and take your own energy to the next level, improve your own cellular capacitance (the capacity of your cells to hold a charge).



If you are not new to the technology and have already been using the Acuscope and/or Myopulse for awhile, I hope to provide a wealth of discovery for the investment of your time; new insights and the latest, most advanced information about bio-electricity that will lead to outcomes reflecting your expanded knowledge in the use and understanding of the Acuscope System.

And, please, take my warmest encouragement and well-intentioned advice to heart, based on over 30 years of experience with the Acuscope: Doctor, Therapist, Bio-Technician “treat thyself” in order to attain your greatest insights. Observe the responses of your own body for deeper understanding of the changes that take place as a result of treatments with both the Acuscope and Myopulse. Locate your own Acu-points along your own body’s Meridians. Find areas of depleted energy and boost them and/or areas of inflammation and reduce them. Discover for yourself that by tapping into your own intuition, the real skill in using and applying the instruments is born.



Please feel free to call or write to me anytime that you may have a question. Phone: 702-376-4727 Email: jan@jandacri.com. If I don’t already know the answer, I promise to do my best to find it for you. I’ll send your questions to the brilliant, genius inventor of this unparalleled instrumentation, Dr. Tony Nebrensky, and we’ll all benefit from hearing what more he has to teach us today.

Sincerely,

Jan

Jan Rossen Dacri, Acuscope Trainer since 1979