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# **FILTERD ULTRA-RED RAYS**

**Their Discovery  
Production and  
Therapeutic Value**

**In Connection with the  
"Filteray Pad" and "Penetray Pad"**



**A SUPPLEMENT TO BOOKS  
WRITTEN and PUBLISHED**

**BY**

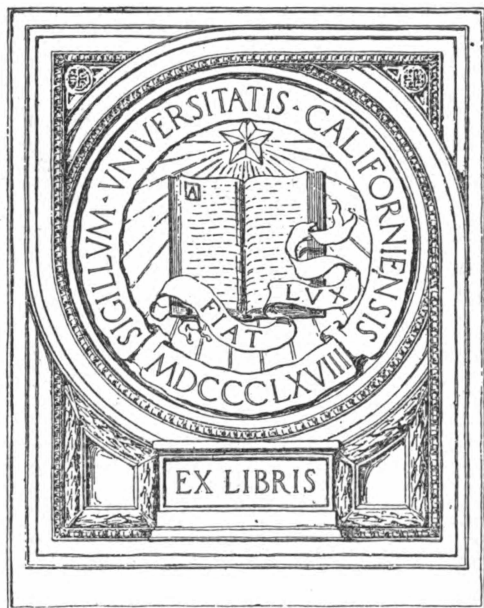
**GEORGE STARR WHITE, M. D.**

**Ph. D., LL. D., etc.**

**LOS ANGELES, CALIFORNIA**

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Compliments of the Author  
Geo. Starr White M.D.



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**THIS  
SUPPLEMENT**

Fulfills the desire of the Author to keep his readers informd regarding his latest advances in Therapeutic Mesures.

This *Supplement* is of special value to those owning any of the Folloing Books by Dr. White:

"LECTURE COURSE TO PHYSICIANS"—Seven Editions.

"THINK"—Two Editions.

"PROSTATIC DISEAS"—Two Editions.

"YOUTH"—Three Editions.

"MY WORK"—All Editions.

"THE NATURAL WAY."

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by

George Starr White, M. D.

327-333 South Alvarado Street

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*Gift of Father*

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## IMPORTANT ANNOUNCEMENT

At the last moment, just as the third edition of *Youth* was ready for the printers, I was able to announce something of special interest to all my readers—professional and others.

During all my "working" life, I have been trying to utilize Natural forces for aiding humanity. I have made many discoveries that have been of service to all those interested in the healing of the sick in *The Natural Way*.

As fast as I could get my discoveries into practical shape for others to utilize, I would announce them, one by one. I did not wish to make any announcement of discoveries that I could not give out for practical use by others, and so I have used, for years, methods that I was not able, up to that time, to get into shape for teaching to others, or so others could utilize them from my writings.

The use of *RITHM*, has been one of those discoveries.

This great outfit utilizes LITE and COLOR in a manner never before known. It is the product of long years of study, observation and experimentation. It enables me to "tune" all my treatments to "fit" each individual.

In this "Supplement" I cannot go into the workings of this wonderful system of *Rithmo-Lite-and-Color Diagnosis and Treatment*. That is fully described in my large text-book, "*The Natural Way*." That big book is written so the layman can read and understand it as well as the physician. It is for all humanity-helpers.

For the profession this great *Rithmo-Lite* outfit is of intense interest, but such an outfit is not practical for laymen to use. They would have to go to the office of some physician who had one, and thus the benefits to ALL sufferers is limited.

In my book, "*The Natural Way*," my *Rithmo-Lite Generator* is fully described and illustrated.

The *Ultra-Red Rays* generated by my *Rithmo-Lite* sistem produce beneficial results beyond description—almost beyond belief to those not accustomed to the work.

For many years I have been abl to produce and use these wonderful *Ultra-Red Rays* in my offis, but have not been abl to produce them in such a manner that persons with electricity in their homes could utilize them. My aim has been to devize an outfit that would produce the *Ultra-Red Rays* economically and practicably for home as well as for offis use. In this I have succeeded, and in the folloing pages I shal give a brief history of work along these lines of Nature study which I have had to pursue in order to attain the finisht product—the *Ultra-Red-Ray-Filter Pad*, or Generator.

In order that I might get this information to the readers of all my books, I have had to rite this "Supplement," which will bring all my books "rite up to date." You will be more than pleased that I am abl to do this now, for the *Ultra-Red Rays* are unequalled in treating and curing all forms of dis-eases. Congestion and hence inflammation, whether made manifest by PAIN or not, is always present in any *unrest* of tissue.

The *Ultra-Red Rays* that I am now abl to produce for home use as well as for professional-offis use, will control all kinds of PAIN in a manner that is astonishing.

Beginning with page 23 of this "Supplement," are given a few *clinical cases* and special indications for the use of these *Filtered Ultra-Red Rays*.

The "*Filtered Ultra-Red-Ray Bulletin*" is a publication published for, and distributed to, all physicians and institutions using Dr. White's *Ultra-Red-Ray Generators*.





### *A Discussion*

Born and raised in the rigorous New England Cuntry, I had the plesure of sitting before hot wood stoves, hot coal stoves, hot fire-places and bonfires.

It is a wel-known fact that farmers ar hevvy eaters and that nearly all of them suffer from stomac indigestion, colic cramps, reumatism, etc.—all caused by rong eating.

The natural instinct of all animals—humans included—is to expose a painful part to the hot rays of the sun, or, if that can not be done, to allow heat from sum arti-ficial source to radiate on the painful part.

In the open, bonfires ar the source of the radiant heat. Indoors, however, stoves or fire-places ar the pain-relievers of choice. Next cum hot bricks or stones, or bottls fild with hot water. Hot mud is used by those who understand the potent effect of moist heat, but fore-most as a pain-reliever is the hot wood or coal stove.

I hav seen persons with painful feet, or joints, sit for hours about a bonfire to get relief, but hav notist that more relief was secured in a few minits before a hot stove or fire-place. I hav personally, when a boy, sat before all kinds of heat-givers to reliev excruciating colic, but lernd that the heat from an open oven in a hot wood

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or coal stove was by far the best. Why, I had no idea. Another erly observation was that my mother and grandmother would use a dark or black stocking to wrap about a hot stone or brick, becaus they said it would reliev pain better than a white-cloth wrapping. For years I considered that a mere notion.

Later on, rubber bags for containing hot water came into vogue. These wer made of lite-colord rubber and red rubber, and a few wer on the market made of a very dark—almost black—rubber. In using all the varius "hot-water bottls" as they ar calld, I notist that more relief from pain came from the use of the very dark-brown bags than from the lite ones, and that more relief was obtained from the red than from the lite ones. Why, I had no idea, but the fact remained the same, viz., that the dark-colord hot-water bag gave more relief for painful joints than the liter colors.

It is a wel-known fact that dirt, when placed on sno, eats its way into the sno. This circumstance I investigated and found that if the dirt wer of a lite sandy composition, it did not melt far into the sno, while if the dirt were of a good, black soil, it would melt very deep and generally way thru the sno to the ground, if the sun shone on it a littl of the time. This made me investigate stil further and this I found to be a fact, viz., that the dirt melted its way into the sno from the effect of the sunshine on it, in direct ratio with the "richness" of the soil. I found that it was not so much the color of the soil as the *kind* of soil. Sum soil was of a reddish color, yet it would eat into the sno as deeply as that which was very black. I ascertained that such reddish soil was as productiv as the black.

Now all this made me wonder more and more what the caus was for these fenomena. I studid the effect of sun-lite in greenhouses and notist that the soil was very "rich" that was used there, but also that the rays of lite that made the rich soil there so productiv past thru glas. I

tried growing plants under similar conditions, but had the covers made of a very white cloth rather than of glas. I tried dipping the white cloth in melted paraffin and then lernd that the plants grew a littl better under the treated cloth than under the same cloth not treated.

My conclusions wer these: The rays of the sunlite that made seeds sprout and made the plants green and that produced such an endless variety of colors in the flowers, would pas thru glas that was not colord and would pas about as wel thru white cloth and equally as wel thru white cloth made more transparent by the paraffin treatment.

I then experimented with all sorts of colord glas to let the sunlite pas thru, but none did so wel as the plain glas. There would be sum part of the plant undevelopt if I used any color that did not allow the "white lite" to pas thru it.

In the treatment of varius ils, I had read of the wonderful effects of colord glas. Blue was said to be good for many ils, while yello was good for others, and red for others. After years of observation I lernd that colors playd a great part in the growth, development and wel-being of all animal life.

For treating open sores on the legs, and for bone tuberculosis, I had seen very satisfactory results folloing the use of sunlite over the parts, but the severe sunburne made me try out varius shields. First I tried green leavs, but soon found that they seemd to absorb sumthing that the diseasd parts needed. Then I gathered up a lot of yello and red-yello oak leavs and fastend them together to make a good shield for the parts to be sun radiated. It was not very long before I discovered that the diseasd tissues became wel in a very much shorter time when the autum-leaf shield, or filter, was used. Just why, I did not kno. I concluded that by cutting out the irritating rays, the other rays, whatever they wer,

had a better chance to act. Somehow it seemd to be *The Natural Way*.

Tho I had used electric lamps for treating diseas since they wer first put on the market, yet I was not abl to tel *why* sum lamps would giv better results than others. Sum lamps would seem to aid in curing deep-seated diseases better than others; while others would do very wel for skin diseases, but not for deep-seated trubles.

Later I began to investigate the spectral colors as they came thru the prism. I lernd that certain rays beyond the visibl spectrum had certain specific advantages in treating certain conditions. The rays from the invisibl-violet end of the spectrum acted wel on certain skin diseases, while those from the invisibl-red end had a very deep, penetrating effect and would aid in curing deep-seated diseases. These rays from the "ultra" ends of the spectrum ar always present in sunlite, but not present in like amounts in lamps, therefore I concluded that the manner of producing the lite and the material thru which it past, had a most important part in therapeutics.

All these observations and long experience did not satisfy me as to why one kind of stove gave off heat that reliev'd pain and congestion more redily than another.

Erly in cuntry life I observ'd that all life depended on radiant energy—sunlite. The trees stretcht out their branches and put forth leavs to gather in the sun's rays. All vegetabl life seemed to crave sunlite, but it could not endure too much of it. The darkness of nite seemd to "work over" what the leavs took in during the day.

Animals would eat the plants and in that manner seemd to be "eating sunlite." It all seemd so wonderful, so great, so mistifying, that I could hav redily becum a sun-worshipper.

Under deep sno I found beautiful flowers of many colors and with green leavs. From these observations I knew the *life-giving rays* past thru the sno and also

thru the foliage and leavs down under the virgin soil in the woods. I could redily imagin that the sunlite would pas thru the sno, as it was of such a transparent nature, but how it could pas thru the leavs in the forest I did not kno.

Then I began to experiment with varius kinds of materials and colors to see if the penetrating rays of lite from the ultra-red end of the spectrum would pas thru them more or les. I found that while sum materials and combinations of colors would entirely inhibit the action of the *Ultra-Red Rays*, others would allow these rays to pas thru seemingly unimpaired.

For these experiments I used sensitiv instruments that would be influenst only by certain rays of radiation and would thus tel me just which rays I was getting. Soon I lernd that the ded leavs in the forest would redily let the *Ultra-Red Rays* pas thru them and thus make heat of its peculiar kind under the leavs and make the seeds sprout and the flowers gro and bloom. I lernd that those same rays would pas deep into the body and create heat (conversiv or converted heat) there and reliev *congestion—the caus of all diseases*.

Rite here I wish to digress to giv my views regarding all manner of diseases in the body. It matters not what causes the injury—be it a bruise, be it chemicals, be it bacteria of any kind—the *real* trubl set up is a *congestion*, a stagnation, a stasis, an inflammation. To reliev the trubl, the congestion—inflammation—must be relievd, new blood and limf must cum in to take the place of the “stagnant” or impeded fluids which ar causing the congestion—heat, swelling and pain.

*Activ* heat converted from the deeply penetrating *Ultra-Red Rays*, wil produce the dilation of the vessels and expansion of the liquids and help push them on, and in so doing make room for new, fresh blood and limf to reliev the abnormal condition. No other remedial

agency known will do this. It is Nature's method. It is the method that instinct leads all kinds of animals to resort to for relieving their body ills.

I hav seen dogs and other animals, with injured feet, seek mud to stand in to reliev their inflammation and pain. If there wer several kinds of mud present, the animal would instinctivly go to that made of soil that is the best for vegetation. I lernd that it is the very soil that wil allow the most of the *Ultra-Red Rays* to pas thru it.

I discoverd why one kind of stove gave off heat that reliev'd pain better than sum other stove. I discoverd why one kind of heating element would giv off heat that would reliev congestion and inflammation more than another. Here it is: Sum materials filter out the very rays we need for producing conversiv heat in the body, while others wil allow them to pas redily thru. Sum heating elements produce the *Ultra-Red Rays*, while others wil produce hardly any. In short, I lernd that it is the *Ultra-Red Rays* that penetrate deeply into the tissues and there produce heat. These ar the rays that produce the beneficent effects we get from any heating device, be it a lamp, stove, electric pad, or what-not.

From exhaustiv reserch and experiments, I hav discoverd the material and color combination, that wil filter out the irritating, surface rays, and allow the life-and-helth-giving *Ultra-Red Rays* thru. I call these filters *Ultra-Red Ray Filters* and they can be used under sunlite, under radiant lamps, under heated wire or any material producing heat.

We all kno how brite sunlite reliev's pain, but also hav lernd from experience that the sun-burn is about as bad as the original pain. These *Ultra-Red-Ray Filters* allow the hottest sunlite to radiate over the part for hours at a time and without any burn whatsoever. On the contrary, the skin wil be only slitley reddend while the innermost tissues wil feel comfortably warm and the inflamma-

tion will have been reduced in a manner that is unbelievable to those not experienced in the work.

The stomach empties itself in about one-half its usual time when under the effects of *Ultra-Red-Ray* radiation. This is why patients so often complain of hunger after an *Ultra-Red-Ray* treatment over the gastric region.

Inasmuch as every one can not go into the sunlite, and as there are many cloudy days, I have devised an electric heating pad, which I have named *Ultra-Red-Ray-Filter Pad*, that is made of such heating elements as will produce the maximum of *Ultra-Red Rays*. This *Ultra-Red-Ray-Filter Pad* will allow an unbelievable amount of *Ultra-Red Rays* to radiate on and penetrate into the parts over which this peculiar *Pad* is placed. These *deep-heat rays* produce conversely heat deep down in the tissues. They can be allowed to remain over the inflamed part, as of a lung or a breast, or the stomach, or bowels, or a joint, for hours in succession and only good results can obtain. For bone tuberculosis these *Ultra-Red-Ray Pads* work wonders.

The use of these *life-giving Rays* is an entirely new departure in relieving the sick of diseases in *The Natural Way*.

### *Properties of the Ultra-Red Rays*

Without Sunlite there would be no life. How few realize that of all the "sunlite" that reaches the earth, only thirteen per cent. of it is visible! Seven per cent. of the sun's rays constitute the x-ray and the ultra-violet rays, both of which are destructive to cell structure and can be used for cell destruction by those who are skilled in their application. In the hands of any other person, these destructive, chemical rays are dangerous.

Eighty per cent. of the sun's radiant energy is the *Ultra-Red Rays*—the Rays that are of biological importance—the "*thermal*" Rays upon which all life depends.

As before stated, the *Ultra-Red Rays* belong to the invisible spectrum *beyond* the visible *red* in the same manner

as the ultra-violet rays belong to the invisibl spectrum *beyond* the visibl violet.

These invisibl, *Ultra-Red Rays* ar often spoken of as the "infra-red rays" or "invisibl lite."

I do not like to compare the rays of lite to octaves in music, for lite *rays* ar so utterly different from sound *waves*. Trying to compare the two has made no end of confusion in describing the rays of lite. Lite does not travel in waves as does sound, for, unlike sound, it does not depend on a medium for its transmission. Lite rays ar life-giving while sound waves ar "disturbers of the peace" in Nature.

I always speak of lite in terms of its *penetration*—deeply-penetrating rays or otherwise. Lite should never be spoken of as "waves," for that makes the whole subject uncertain. I can not conciev of "waves of lite." It is a hypothetical expression and in the years to cum wil be modified as the general knoledge of lite *rays* is better understood.

The *Ultra-Red Rays*, being constructiv to all life, ar deeply penetrating—passing deep down into the erth to make the seeds sprout and giv life deep down in the soil, as wel as penetrating the deepest sno and ice to make life possibl under them.

The *Ultra-Red Rays* wil pas thru a cake of ice and the *Rays* after they hav past thru wil create heat, converted heat, or *conversiv* heat. The heat is causd by the sudden stopping of the cold rays. It can be likend to the stopping of a lead bullet against a piece of steel—heat is produced in direct ratio with the mas of the bullet multiplied by the speed (its momentum). That heat can be calld *conversiv* heat, for it is the speed, or motion of the bullet *converted* into heat by being interrupted. One form of motion or vibration is converted into another.

*Ultra-Red Rays* hav great speed and wil pas thru the body of a tree and in like manner wil pas thru the body



of a person and create heat while passing thru. These *Rays* wil pas thru the soft tissues into the bones and cure conditions in the bones that nothing else wil—and all in *The Natural Way*.

*Ultra-Red Rays* wil pas thru virgin soil (humus), and produce heat in such soil much more redily than in used or non-productiv soil. These *Rays* hav such speed that they wil penetrate to depths almost unbelievabl. The heat they produce in the soil wil open the grains and seeds and caus the roots to sprout and the plant circulation to begin and continue.

The *Ultra-Red Rays* ar the LIFE-GIVING RAYS and without them this world would be a barren waste.

Nature has a unique way of giving foliage and all vegetation such rays of lite as She wishes them to hav. Did yu ever notis the different forms of the barks of trees—how sum have many curvs and angls, while others ar almost smooth? These barks ar lite-ray filters, or screens, and they convert the radiant lite as they need it. It can be likend to the changing of lite by means of waved, or ribd glas. Such glas can be made to filter out certain colors (or speeds) and allow certain other colors to pas thru. Nature does this by means of the skin and pigment on animals, and by the barks and skins and pigment in vegetation. It is all on the same order, but more markt in sum animals and sum vegetation than in others.

Fish, for exampl, that ar protected by water ar nearly transparent to these *Rays*, while the fur-bearing animals that inhabit the ice-and-sno-coverd regions with all the terribl reflection resulting therefrom, ar thickly coverd with hair, fur and skin. Nature uses from sunlite such speeds, or colors, or rays, as She requires, the same as She selects certain elements from the erth to produce animal and vegetabl life such as was, is, and shal be.

Humans, by subjecting themselvs to the wearing of

clothes, shut out the very *Rays* the body needs. That, with many other transgressions, produces sickness and premature aging and premature "deth."

The *Ultra-Red Rays* ar very varid in penetration—in speeds—as sum penetrate far more deeply than others, yet all of them hav the peculiar property of converting themselves into heat when in the tissues, or when they ar arrested. Sum of these rays ar irritating, and it is for this simpl reason that it has taken years of *clinical experience* to lern how to filter out those which irritate.

Laboratory instruments may sho certain rays of lite which might be considerd of great benefit to life, but that is not sufficient. It is only from *clinical experience*—by dealing with these rays in the human body—that we ar abl to say which rays ar of benefit in certain conditions and which ar not.

I hav seen great destruction of tissue from rays of lite that wer not suitabl for treating diseas, but which appeard to be correct from the *laboratory* standpoint. It is like telling a person how much he should eat and what he should eat from the test-tube findings. Rays that wil be of benefit to rats might be very detrimental to humans. In like manner rat-foods may be good for rats, but very bad for humans.

From this discussion of the properties of the *Ultra-Red Rays* it can be understood how important it is that the rays used in treating human ils should be correct. The rays that wil reliev inflammation the best, without producing harmful reactions, ar the rays to use. It has taken many years of painstaking work and observation to determin this. *Laboratory findings can not be relied upon.* We must ascertain, as nearly as possibl, how Nature does Her work and pattern after Her way—it is *The Natural Way*.

### *Observations in the Study of the Ultra-Red Rays*

Very little practical knowledge can be gleaned from the standard text-books on light regarding the invisible rays beyond the red end of the visible spectrum. For years I have done a great amount of investigation looking toward a means of producing the *Ultra-Red Rays* for therapeutic work. The following are a few of my findings:

There seems to be as great a variety of *Ultra-Red Rays* as there is of the rays beyond the violet end of the spectrum. The *Ultra-Red Rays* are produced by heating certain substances. The heating of black iron to about 200°F. produces a very different ray than galvanized iron heated similarly. Brass wire heated to about 300°F. gives off a ray that is very different from that given off from soft black rubber when heated to about 180°F. Ebonite gives off a ray that is not like that given off from aluminum when heated to about 300°F. Zinc gives off a ray that is very different from that given off from carbon-filament lamps. Arc lamps give off rays that differ as the materials of which the elements are composed differ.

Of extraordinary interest are my findings during the heating and cooling of the filaments of incandescent lamps and the elements in heating devices. The *Ultra-Red Rays* begin to be emitted as soon as the elements begin to heat. The augmentation continues for only a short time, when the rays begin to decline rapidly till almost none at all are detected, then as the elements cool off the rays are fully ten times as powerful.

Here it is well to record the fact, as published in the Los Angeles Times, that during the total eclipse of the sun September 10, 1923, the audibility of the radio increased fifteen-fold while the eclipse was taking place—such augmentation gradually increasing till it was at its maximum at “totality,” but diminished as the moon passed away from the sun and was at its regular “low audibility”

when the eclipse was over. I am fully convinced that it is the *Ultra-Red Rays* that make the radio more efficient after sun down, tho no proof can ever be forthcoming so convincing as the total eclipse. To be exact, the audibility of the radio at 9 A.M. on the day of the eclipse was 32, while at totality it was 490. The "static strength" decrease as the audibility increase. In other words, audibility increase as the lite decrease. Notice that the same amount of lite in the recovery from the totality did not increase the audibility. All this coincides exactly with my findings in the study of the *Ultra-Red Rays* from the heating and the cooling of elements.

(I have devised machines for treating diseases while the radiant lite is being extinguished, at which time it is possible to get the greatest amount of the specially efficient, deep-heat, deeply-penetrating rays.)

My method for testing to learn which elements give off rays of a certain penetrability and quality is by passing the rays thru various filters that I have made expressly for this work.

For example, Filter A would be used with the various heating devices or elements and the rays passing thru would be tested by instruments made for the purpose. Then I would take Filter B, and so on, and test them in like manner. In this way I have been able to know that the rays differ as the heating elements differ, for if the rays were the same in all the elements, the filtered-out rays would be the same, but they are not the same—each has its peculiar properties, the same as each kind of bacterium has its peculiar characteristics in growth and food.

The study of the filters used in investigating the *Ultra-Red Rays* is very interesting. The following are a few of my findings: Not only the weave and the material of fabrics, but also the color of them, interfere with or aid in the transmission of the rays. Take, for example, four pieces of a certain fabric, colored respectively green, blue,

indigo, and violet. The passage of the rays will be impeded progressively in the order of the colors given. Yello, orange, and red ar good conductors or transmitters of the rays. In other words, as we increase in the actinic value of the color, we decrease in the transmitting value for the *Ultra-Red Rays*.

A close, hard weav acts as a better transmitter of the rays from certain elements, while a loose, soft weav acts better with other elements.

All vegetabl fabrics act much better as transmitters of the rays than any animal fabric. For exampl, vegetabl silk wil transmit the rays infinitely better than worm silk. In like manner, cotton fabrics transmit the rays very much more redily than woolen fabrics. Artificial lether, tho it may look so like real lether as to be hardly distinguishabl, wil transmit the rays very much more easily than real lether. "Eiderdown," used as a cover for sum varieties of heating pads is almost impervius to the *Ultra-Red Rays*. Celluloid transmits the rays better than ivory, horn or bone.

Certain combinations of colors and of fabrics enhance the passage of the rays, while other combinations impede the transmission of the rays.

In filtering the *Ultra-Red Rays* thru varius metals I hav made sum very interesting findings. Aluminum and lead ar practically impervius to the *Ultra-Red Rays*. In alloys the more aluminum or led that is present, just so much more wil the rays be interfered with. Black sheet iron allows the rays to pas thru quite redily, while the same iron galvanized wil interfere considerably with them. Bras and copper and alloys of same allow the rays to pas thru very wel, but the rays ar not the same in any two different metals or combinations.

My experiments with vegetabl fibers has been most interesting. I found that the rays would pas redily thru twelv thicknesses of fresh fig leaves just brot in from the

sunlite. If these wer kept on ice for an hour the rays would pas thru only slitley impeded and without scarcely raising the temperature of the leavs in passing. "Scard-and-yello" leavs tho in thick pads, allow the rays to pas thru very redily. Sum varieties of wood wil allow the rays to pas thru with scarcely any impediment, while other varieties require a much longer time to allow the rays to penetrate. The grain of the wood has much to do with the passage of the rays. The rays pas best length-wize of the grain. Sum woods filter out certain rays while other woods filter out other rays. Each variety of wood and each slant of cut, off the parallel-with-the-grain, filters out certain rays.

Ice of great thickness and water of great depth, we all kno allow the rays to pas thru, for under "everlasting" ice and at all depths of the sea, green plants gro and animals thrive.

In my experiments I find that the grain of the ice has much to do with impeding or facilitating the passage of the rays.

All these observations ar intensely interesting from a scientifi standpoint, but most of all they ar of limitless value in selecting the rays suited to treat all manner of diseases.

Certain kinds of *Ultra-Red Rays*, as from varius elements, can thus be understood to act entirely different in passing thru one knid of a filter than in passing thru another kind. In this manner we ar abl to differentiate between the kind of ray being emitted and can test out its value in treating diseases.

The *clinical* effect of the *Ultra-Red Rays* differs very greatly. Sum of the rays ar irritants and useless in therapeutics, while others ar of inestimabl servis in relieving all forms of inflammation and congestion. By understanding the art of filtering out certain rays while allowing others to pas thru, we hav a means of supplying an

entirely novel method of treating all forms of disease.

Certain *Ultra-Red Rays* do not penetrate thru the skin, while others will penetrate the body. In deeply penetrating the body, the *Rays* are converted into heat that produces an *active* hyperemia, which relieves the *passive hyperemia* that is always present in all forms of inflammation—congestion.

It is at this stage of my understanding of the *Ultra-Red Rays* that I began elaborate experimentation to develop *filters* that would inhibit certain rays and allow others to pass thru. These *filters*, owing to their construction and colors, I have named *Chemo-Chromatic Filters*. Altho I have developed many specific *Filters* for treating definite diseases by means of *filtered Ultra-Red Rays*, I discovered one particular filter that covered the widest range of complaints. This *Chemo-Chromatic Filter* I attach to heating elements in such a manner as to generate great quantities of the *Ultra-Red Rays* and filter thru the most *deeply-penetrating Rays*. To make this of the most service I made it in the shape of an electric heating pad, but it is like a heating pad *only in shape*, for the delivered *Rays* from my *Ultra-Red Ray-Filter Pad* are not to be compared with those from an electric-heating pad even of the best style and quality. The electric-heating pad, like the hot-water bottle, gives only *surface* heat, and can dilate only *surface* blood-vessels, while the *Rays* from my *Ultra-Red-Ray Pads* are *deeply-penetrating* and dilate the capillaries *deep down in the tissues*.

My *Ultra-Red-Ray-Filter Pad* designed and constructed for home use, has been named *Dr. White's Deep-Heat Penetrating Pad*, and the one designed and constructed for professional office use, has been named *Dr. White's Chemo-Chromatic Filtering Pad*, so the names could be legally registered in order that the public would be protected.

The manner of using my *Ultra-Red-Ray-Filter Pads*

is to place a white turkish towel over the part to be treated and over that to place the *black* side of the *Ultra-Red-Ray-Filter Pad*. (This tecnic applies to both the "*Penetray*" *Pad* and the "*Filteray*" *Pad*.) Then turn on the electric current. Within three minits these unique *Pads* begin delivering quantities of the *deep-heat, deeply-penetrating Rays*. Becaus of the speed with which these *Ultra-Red-Ray-Filter Pads* dissipate pain, many hav calld them "Pain-Relieving Pads."

The secret of the pain-relieving quality of my *Ultra-Red-Ray-Filter Pads* is that the *deeply-penetrating Rays* ar converted into heat *deep down* in the tissues and this conversiv heat dilates the blood and limf vessels and thus normalizes the flo of liquids in the tissues. This relievcs the tension, inflammation and PAIN.

Many devices can be made to giv off *Ultra-Red Rays*, but their therapeutic value might be worthless, while they might even caus great tissue damage. I hav tested out sum such appliances now being advertized for treating diseas. I hav found that certain of them giv off no *Ultra-Red Rays*, while others of them ar very dangerus to use. I hav treated severe ulcers causd by the use of certain of these advertized "ultra-red," or "infra-red," contrap-tions. I giv this information as a timely warning to physicians and the public.

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### LAF

"A laf is just like sunshine,  
It freshens all the day,  
It tips the peak of life with lite,  
And drives the clouds away;  
The soul grows glad that hears it,  
And feels its courage strong;  
A laf is just like sunshine,  
For cheering folks along."



## CONCLUSIONS

1.—Without the *Ultra-Red Rays* there would be no life on this planet.

2.—The *Ultra-Red Rays* can be produced artificially by any heat-producing contrivance—stove, furnace, lamp, etc.

3.—Altho the manner of producing and filtering the *Ultra-Red Rays* is varid, yet only a very few methods ar practical for relieving inflammation and pain, especially if deep-seated.

4.—The therapeutic action of the *Ultra-Red Rays* differs as the manner of production differs and as the substances thru which they pas differ.

5.—It is only by years of experimentation and clinical experience that the most potent *Ultra-Red Rays* for treating humans could be lernd and selected, since no instruments wil differentiate their effects.

6.—The selected *Ultra-Red Rays*, such as filter thru my *Chemo-Chromatic Filter*, wil reduce inflammation and stop pain more quickly than any other known physical agency—and all in *The Natural Way*.

7.—The *Ultra-Red Rays* ar the only rays that wil safely penetrate into the deepest tissues and there produce heat. All other heat-producing methods ar destructiv rather than constructiv.

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*"If I kno not the meaning of the voice, I shal be to him that speaketh a barbarian, and he that speaketh shal be a barbarian unto me."*

## FOR YOUR PROTECTION

In order that those who wish to use my *Ultra-Red-Ray-Filter Pads* may be protected from substitution and imposition, the manufacturers have taken out *trade-marks* to be attached to each of my original *Ultra-Red-Ray-Filter Pads*, viz.,

Dr. White's  
CHEMO-CHROMATIC  
*Filteray Pad*  
Ultra-Red Rays

The above is the label design attached to my *Ultra-Red-Ray-Filter Pad* designed and constructed for the use of physicians in their professional practice—"The Professional Pad."

Dr. White's  
DEEP-HEAT  
*Penetray Pad*  
Ultra-Red Rays

The above is the label design attached to my *Ultra-Red-Ray-Filter Pad* designed and constructed for persons to use in their own homes—"The Laidy Pad."

Persons under the care of a physician will find it to their advantage to take a "*Filteray-Pad*" treatment, or a "*Rithmo-Lite*" treatment, at the physician's office once a day, and a "*Penetray-Pad*" treatment at home two or three times daily. This procedure will greatly hasten recovery.

For those who are not under the care of a physician, I would recommend the use of the "*Penetrax-Pad*" two or three times daily at home for any inflammation or painful condition.

The length of each treatment should be from one to three hours.

When possible, I would advise every one who is suffering with any malady, whether it seem serious or not, to have a thorough examination by means of the *B-D-C System* or the *Rhythm-Lite-&-Color System*. These systems will give a *correct* diagnosis, by one skill in their use, practically every time.

The majority of all patients, after a correct diagnosis and commonsense advice is given, can, by following out the instructions given in my book *YOUTH*, and by using my *Ultra-Red-Ray-Filter Pad*, gain health in *The Natural Way*.

## CLINICAL OBSERVATIONS

### *Filtered Ultra-Red Rays*

If I had but a few cases to report, it would be an easy matter, but I have a "book-ful" and so from that large number must select a few representative ones that will show my readers the remarkable results that follow the consistent use of my *Ultra-Red Ray Generators* and *Chemo-Chromatic Filters*.

### *Tuberculosis of the Neck Glands*

By means of the *Filtered Ultra-Red Rays* and proper diet and breathing exercises, I have been able to cure very many cases of *tuberculosis of the glands of the neck* as well as *tuberculosis of the bones*.

I first anoint the over-lying skin with *Iodex*, or some other soluble iodine ointment. Then I place a white Turkish towel over the parts to be radiated. Over the towel I place the black side of the *Ultra-Red-Ray Pad*. If the heat from the *Pad* be too great for the individual case,

two or more thicknesses of the toweling can be placed between the *Filter* and the skin. I use the *Pad* as hot as the patient can comfortably stand it.

The patient should do deep, diafragmatic breathing at all times, but especially while taking the *Ultra-Red-Ray* treatment. Not only do the *Rays* relieve inflammation immediately under the *Pad*, or "*Generator*," but the entire system is being "radiated" thru the blood and limb streams. It is for that particular reason that the deep, abdominal breathing should be carried on while the *life-giving Rays* are entering the body.

I never cut into the tuberculus glands, but allow Nature to absorb and carry off the offending material. Cutting into these glands usually makes the condition worse and at the same time scars the parts cut into.

### *Rickets*

Diet alone was once supposed to be sufficient to cure this softend condition of the bones in the young, but it has been discovered that *lite*, visible, or invisible, is necessary to prevent or cure this terrible condition.

I have used all manner of visible lites for this condition, as well as the ultra-violet lite from all manner of lamps for that purpose, but have learned from experience that the *Filtered Ultra-Red Rays* do better for this condition than any other form of artificial radiation. Of course, if we could procure unadulterated sunlight, that would be ideal, but to take the little patient to mountains so high that the air is "pure" and free from dust is impractical.

For this condition I take all animal food away from the patient and allow any raw fruit juices and raw vegetable juices, following out the plan as outlined in my book *YOUTH*. The amount of the juices to be given at each feeding all depends upon the age and general condition of the patient. Let *Natural* hunger be the guide for the amount to be fed. Do not feed acid-fruit juices within two hours of the time vegetable juices are fed. The juice

from the green herbs can be fed at the same time as the other juices are given.

Use the *Filterd Ultra-Red Rays* over the bones that are affected. Give the treatments several times daily and not severe enough to make the patient perspire too much. Give a great amount of fresh air and never be afraid of too much sunlight. Do not allow the patient to become burned by the sunlight, as that delays recovery.

*Do not immobilize the soft bones.* Keep the weight of the body off them, but strapping the parts to braces and making them so that muscles are tied down, delays or prevents recovery. Nature demands a ready flow of fluids through the parts and motion aids her in that circulation.

Gentle massage aids the circulation and is recommended.

As my success in treating all forms of rachitis (rickets) has been so uniform, I feel that many little sufferers can be cured by following the plan above outlined.

Plain, raw food, especially the juices from the acid fruits and from cabbage and spinach, along with plenty of fresh air and sunlight, will prevent rickets. The *Filterd Ultra-Red Rays* will do more than any other form of artificial radiant energy in curing this terrible condition.

### *Stomach Troubles*

For all manner of stomach and intestinal troubles, the first requirement is to regulate the diet. That alone will cure most cases if given time enough. The best remedy for these conditions is the *Filterd Ultra-Red Rays*.

I have successfully treated many hundreds of these cases and have used radiant energy from all manner of lamps, but the *Filterd Ultra-Red Rays* are without doubt the best. The patient should apply the *Rays* immediately after each meal. The duration of these home treatments should be governed by the severity of the case.

### *Pelvic Diseases*

Remember that the pelvis is at the lower end of the spinal column and that it is easier for congestion to be

present there than in any other part of the body. Gravitation puls the liquids downward and if the muscular action is not great enuf to push them onward and keep them going thru the tissues, stagnation ensues and passiv, slo, inflammation is the result.

The *clothing* should be so adjusted to the body that it wil not constrict and thus impede the circulation.

The *diet* must be regulated and all stimulating dopes and foods restricted.

The *Filterd Ultra-Red Rays* aplied over the abdomen and between the thighs so as to reach wel back, wil reliev the congestion and set up an activ circulation better than any other known remedy.

Heat-giving aplicators ar not needed to be placed in the vagina or in the rectum when this method of giving the deep-heat, deeply-penetrating, *Rays* is employed. Remember that these *Filterd Ultra-Red Rays* penetrate the deepest tissues and create in those deep tissues, conversiv heat that dilates the vessels and starts up a normal circulation. Such a method is a *Natural Method* and no harm can be derived from it.

\* \* \*

I could go on and on enumerating nearly every known diseases and sho how the *Filterd Ultra-Red Rays* can be used to *normalize* the condition, for all diseases is the *result of inflammation*. To cure any diseases the *circulation must first be normalized*.



**I**f yu would hit the mark yu must aim a littl above it. Every arro that flies feels the attraction of erth.

—Longfellow.

## PELVIC DISEASES

### *In Both Sexes*

Do you realize that 96 persons out of every 100 persons past 30 years of age have some form of inflammation in sum of the *Pelvic Organs*?

Do you realize that more than half of all persons at 18 years of age are in some manner abnormal in the *Pelvic Organs*?

This condition of affairs obtains in all "civilized" countries. Just how the average runs in so-called "heathen" countries I do not know. Observers say that the more highly "civilized" a nation is, just so much greater a proportion has *Pelvic Diseases* in some form.

My books go into the *causes* of this terrible state of affairs very fully, so I can not take up space to repeat. The object of this "*Supplement*," as before stated, is to give my readers the very latest system of rectifying most of the *Pelvic Diseases* so common.

My books lay great stress on the fact that *gravitation* plays a great part in the progress of the prevalent *Pelvic Inflammation*. It would not be so evident if we dressed differently or went as Nature intended that we should go—in the clothes She gave us at birth.

It is only a question of *Time* and Nature will have Her way. It may require centuries to reform a great evil, but there is no such word as "Time" in Nature's vocabulary.

We can not expect to see any great change for the better in one short life time, but we can do much toward aiding existing conditions, so as to make life more livable.

In my book entitled "*Prostatic Diseases*" I dwell at length on the most prevalent *Pelvic Diseases* in the male, viz., *Inflammation*, or *Congestion*, of the *Prostate Gland*.

The *Prostate Gland* is located at the neck of the bladder in the male and when it is inflamed it not only is liable to set up an inflammation at the neck of the urinary

bladder, but the congestion usually extends to the rectum, thereby causing injury to all the male sexual organs.

To relieve *Prostatic Congestion*, we first regulate the diet and the general habits of the individual. This is all explained fully in my book on *Prostatic Diseases*.

I used to use the actinic rays from the quartz, mercury-vapor lamp, along with powerful light from 1500-watt lamps. I also used heat applicators that were put into the rectum. All these methods were the best we had, but they did not suit me, so I have been steadily working for years to better the system of treating these conditions.

My discovery and development of the *Ultra-Red Rays* is fully taken up in my big book "*The Natural Way*."

For professional, office use, my *Rithmo-Lite-&-Color Generator* does wonders, but it is not practical for home use. I could not be satisfied until I had developed a method of producing the *Ultra-Red Rays* for home use as well as for office use.

No method for aiding Humanity is complete that can be controlled by any profession. Not every one can afford to go to a physician's office. Not every one lives where it is convenient to go to a physician's office.

Altho most of my life has been spent in developing systems for physicians to use in aiding Humanity, yet I have never lost sight of the fact that the majority of the people never will go to a doctor's office. They have their own reasons and I respect them.

My books are written not only to help the doctor to help his patients, but also to help the patients to help the doctor.

I now have developed and perfected a system whereby the doctor can do more for the patient than ever before, and also by which the patient can aid the doctor by doing so much for himself.

As you have learned as you read the preceding pages, the *Ultra-Red Rays* constitute 80% of all the sun's energy. It is by harnessing those *Rays*, as well as by generating



them, and *filtering* them and properly applying them, that we can do more to relieve congestion and inflammation than by any other method known.

As these *Filtered Ultra-Red Rays* will penetrate into the deepest tissues of the body, no applicator is required to be inserted into any cavity of the body. The *Rays* can be applied directly over the parts that are inflamed and conversely heat is developed deep down in flesh or bone.

\* \* \*

In the female, inflammation in the ovaries and tubes and uterus (womb) is extremely common.

This "female weakness" is caused by a congestion in the *Pelvic Organs*, or in the *Pelvic Tissues*. The congestion, or inflammation, is caused by so many errors in living that I can not enumerate them here. My books go fully into such matters.

Probably *constipation* and wrong eating and dressing are the leading factors to bring about pelvic inflammation in the female as well as in the male.

*Bladder trouble* is apt to follow any pelvic congestion, so the female can have just as much trouble from pelvic congestion as the male.

\* \* \*

*Rectal Diseases* in both sexes are so prevalent that it is difficult to find any person past 20 years of age that does not have rectal troubles in some form.

*Constipation* is doubtless the leading cause for all rectal diseases.

\* \* \*

Now for the conditions above enumerated the first remedy is DIET. The next remedy is BREATHING. Along with corrected eating and breathing, correct EXERCISING has to be thought of. All these items are fully taken up and discussed and illustrated in my various books.

Now comes the greatest therapeutic agency known for relieving all congestion and inflammation, no matter where it is located—*Filtered Ultra-Red Rays*.

Read carefully the preceding pages and you will learn just how I discovered how Nature utilizes these life-giving *Rays*. I have perfected a method for producing these *Rays* where there is an electric current for lighting purposes—A. C. or D. C., 110V. to 120V.

\* \* \*

If the doctor can do so, I would advise the equipping of his office with the *Rhythm-Lite-Color Generator*, for it does produce such enormous quantities of the *Ultra-Red Rays* and does cultivate deep, abdominal breathing.

If the doctor does not feel able to equip his place with so elaborate an outfit, he surely can get the *Professional Ultra-Red-Ray-Filter Pads* described in the preceding pages.

For the laity, we have constructed what is known as the *Laity Ultra-Red-Ray-Filter Pads*.

Altho the doctor or the patient can use both or either of these *Pads*, yet they are designed for the purposes named.

The "Professional," or *Filteray Pad* is of a much greater capacity than the "Laity," or *Penetray Pad*. Just for that reason many physicians recommend their patients to use the *Filteray Pad* for home use rather than the *Penetray Pad*.

\* \* \*

*The Method of Using these Pads* is to place a white, Turkish towel over the area that is congested or inflamed. Over that place the black, or *Chemo-Chromatic*, side of the *Pad*. Turn on the current from the electric-light socket and use the *Pad* for an hour or more as the case may demand.

This system of relieving inflammation and pain is so wonderful that no one can believe what can be accomplished

by this *Natural Method*, until he or she tries it out according to the instructions set forth.

\* \* \*

#### *Clinical Case—Prostatic Abscess*

Marrid man about 50 years old came to me with a "gnawing pain" in the rectal region. Upon examination I discovered an abscess in the prostate. I regulated the diet and used an adjustable rectal dilator in the rectum while he was under the *Rithmo-Lites* 40 minits each morning. During the day he used the *Penetray Pad* over the region two or three times for two hours at a time. Within six weeks the prostate was entirely wel and has remained wel. Notis that I used no heating device in the rectum. As has been explaind, that is not necessary with the *Filterd Ultra-Red Rays*, for they penetrate so deeply that they reach the deepest tissues.

\* \* \*

#### *Clinical Case—Ovarian Pains.*

Marrid woman 32 years old came to me complaining of severe pains thru the pelvis. Upon examination, I found that the ovaries wer very sore and made her sick when they wer prest upon. She said that at her menstrual periods she sufferd great pain for a day or two.

I gave her three treatments under the *Rithmo-Lites* and taut her how to do deep, abdominal breathing. I also told her to follo the diet and exercizes as outlined in my book *YOUTH*.

Owing to the severity of her condition, I advized her to use the *Filteray Pad*, insted of the *Penetray Pad*, at least three hours every nite until her condition wer corrected.

She followd directions to the very letter and reported that her next "period" was without pain. She continued the *Filteray-Pad* treatments at her home for another month. She now reports that she has no soreness and no pain in the pelvis and that she has no pain at her menstrual periods.

## CONSTIPATION

As *constipation* is so often the caus of other trubls, I must tel yu what wonderful reports we ar recieving from those who ar using the *Filterd Ultra-Red Rays* and deep, abdominal breathing as a *cure* for *constipation*.

In the first place those afflicted with *constipation* should cut out from their diet all sugar and bred. The "eating of bran" never *cures* constipation. It simply fools the eaters of same by making such a mas in the bowels that they hav to get rid of it. The extra irritant in the intestins brings about colitis (catar of the colon) and a second condition is created that is worse than the first.

The natural secretions ar lacking in all cases of habitual constipation, therefore do not use mineral oil, which coats the bowels over so they secrete les and les and a "parcht" intestin is the result.

The *Filterd Ultra-Red Rays* aplied over the abdomen an hour or so twice daily wil do wonders in starting up a natural secretion in the bowels. That instigates a natural peristaltic movement in the intestins. While taking the "home treatments" do deep, abdominal, breathing just as conscientiously as if yu wer paying ten dollars a treatment at your doctor's offis.

My book *YOUTH*, last edition, illustrates and describes the exercizes that I prescribe for constipation. It also givs ful information regarding the diet that wil *prevent* as wel as *cure* *constipation*.

\* \* \*

## "COMMON DISEASES"

I would like to relate the hundreds of reports that I hav alredy recievd regarding the relief, attributed to the use of the *Filterd Ultra-Red Rays* for nearly every diseas known. Space wil not permit, but I shal just name a few of the most "common ailments" in the relief or cure of which we ar recieving such good reports:

Colds; Catar; Rheumatism; Neuritis; Lumbago; Gas in the stomach and bowels; Toothache; Earache; Indigestion; Goiter; Weak Eyes; Sprains; Sleeplessness; "Appendicitis" and all pains in the chest and bowels.

Remember that all these conditions are caused by congestion—which starts up an inflammation and that causes pain.

The deep-heat, deeply-penetrating, *Filtered Ultra-Red Rays* produce heat way down deep in the tissues and they dilate the blood and lymph vessels and relieve the stagnant condition. This is the only way a permanent cure can be obtained.

\* \* \*

#### *Clinical Case—Constipation*

Marrid woman 50 years old came to me because she had a "red nose." I told her her nose would not be "red," if her stomach and bowels were working correctly.

She said she had been constipated for over 25 years. Said she had taken "all kinds of medicines and bran" for it, but did not get any better. Said at times her stomach was very bad, especially when her bowels had not moved for several days.

She was not situated so she could come to me for treatments, as she lived too far away and had her housework to do. I advised her to get a *Penetrating Pad* and I explained to her about deep, abdominal breathing. I told her to follow the diet and exercises as outlined in YOUTH.

She used the *Penetrating Pad* two hours every night for two weeks and was so much improved that she came in for another *Pad* for a member of her family. This time she got a *Filtering Pad*, as she said she wanted to get all she could of the *Rays* while she was about it.

This woman reports a complete cure of her constipation and her nose is of normal color, much to her delight and peace of mind.

## PREGNANCY

If women knew what the *Ultra-Red-Ray-Filter Pads* would do for relief and comfort during pregnancy, every woman about to become pregnant, or pregnant, would use them.

Nature intended that every woman, as well as every man, should receive the beneficent rays from the sun, but custom, or "civilization," has deprived the average woman, and especially the pregnant woman, of those life-giving rays that she needs so much for herself and the little life growing within her.

The infant at birth should not weigh over five-and-one-half pounds. All weight over that is detrimental to mother as well as to child. If the infant is well and strong and starts out with strong lungs and a good appetite, that is all any mother can desire.

We advise the mother to eat no bread and very little of sugar or potatoes while carrying the child. We advise the walking-on-all-fours at least one to two hundred steps each day. We advise the use of the *Filtered Ultra-Red Rays* over the abdomen at least two hours daily. The "raying" can be done at two home treatments of an hour each.

These *Rays* are the health-giving *Rays* that Nature gives all other animals so bountifully. They give strength and health to the unborn babe as they give life to the sprouting and developing seeds. Take these life-giving *Rays* from the plants and you know what a puny, short-lived plant you have.

*Painless delivery* is practically assured if the instructions outlined in my book *YOUTH* are followed and the "on-all-fours position" is taken during delivery. It is *The Natural Way*.

The third edition of my book *YOUTH* gives full instructions as to the preparing of food and the use of same. It also goes fully into the system of exercising and breathing that I have found to be the best.

The 3d Edition of YOUTH and my *Ultra-Red-Ray-Filter-Pad* therapy go hand in hand for the doctor as well as for the patient.

The 2d Edition of my book entitled "PROSTATIC DISEASES" goes fully into pelvic diseases of the male.

"THE NATURAL WAY," latest edition, goes fully into the diagnosis and treatment of all diseases by means of my *Valens Rithmo-Lite-&-Color Generator*. It also contains a complete *Therapeutic Gide* for the *Profession* and for the *Laity*.

\* \* \*

### *Post-Operativ Pains and "Gas Pains"*

I hav alredy reported in the "*Professional Bulletin*" the success we ar having in using the *Filterd Ultra-Red Rays* after all abdominal operations.

I shal not report case by case, as there ar too many of them, but the general plan is to use the *Filteray Pad* rite over the dressings for several hours each day after the operation.

This sistem seems to prevent all "gas pains" that ar so distressing to those who hav to be operated upon.

The *Filterd Ultra-Red Rays* hasten recovery very much.

No matter on what part of the body the operation is performd, the healing process is greatly hastend by using the *Filterd Ultra-Red Rays* over the wounds.

In fact, *for wounds of all kinds*, the *Filterd Ultra-Red Rays* work wonderfully wel. They seem to be just what Nature intended for healing wounds and sores. I can not think of any healing agency so Natural as the *Filterd Ultra-Red Rays*.

## "INVISIBL LITE"— THE ULTRA-RED RAYS

*These ar the RAYS that put CHLOROPHYL (green coloring-matter in plants) in vegetation and COLOR in flowers.*

*A natural experiment that givs PROOF EXTRAORDINARY.*

I planted seeds and set out flowering plants in two pitch-dark rooms of the same temperature.

One of the rooms was "radiated" by means of the "*Invisibl Lite*"—the *Ultra-Red Rays*, generated in the same manner as in my *Chemo-Chromatic, Ultra-Red Ray Pads*, and filterd the *Rays* thru a *Chemo-Chromatic Filter* the same as is used in my *Ultra-Red-Ray Treatment Pads*.

The other room (the "control-room") was "proof" against the *Ultra-Red Rays* by means of material that I hav found is a barrier to those *Rays*.

The seeds sprouted and took on the green of Nature, and the flowers bloomd and took on the Natural colors of their kind, in the "radiated," dark-room.

In the other room, or "control" room, the seeds sprouted and the gras was white and puny and soon died. None of the buds bloomd—the plants witherd and died.

\* \* \*

As before outlined in my tretis on the *Ultra-Red-Rays*, they ar *the Rays* that make the seeds sprout and make the gras green and make the flowers bloom. Those ar *the Rays* that make life possibl on this planet. Without *these Rays* this erth would be a barren waste!



## A RELIEF IN MANY CONDITIONS

The deep-heat, deeply-penetrating Rays from Dr. White's *Chemo-Chromatic, Ultra-Red-Ray-Filter Pads* relieve congestion, no matter where located.

PAIN is caused by congestion. Congestion, if abnormal, produces inflammation. Hence ALL PAIN is relieved by the use of these *Filterd Ultra-Red Rays*, as produced by Dr. White's *Ultra-Red-Ray Generators*, otherwise known as "*Filteray Pads*" and "*Penetray Pads*."

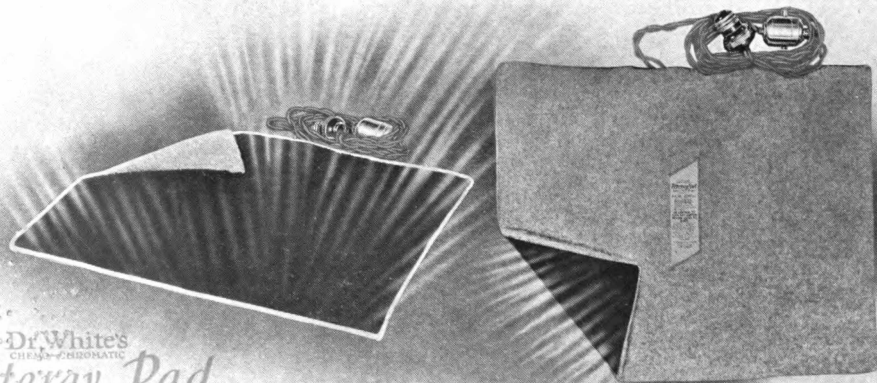
Nearly every known disease has been successfully treated by these *Filterd Ultra-Red Rays*.

The following is a list of the conditions that have been greatly benefited by the use of the "*Filteray Pads*" and the "*Penetray Pads*."

<b>Acne</b>	<b>Bruises</b>	<b>Dropsy</b>
<b>Adenoids</b>	<b>Bunion pain</b>	<b>Dysphtheria</b>
<b>Adhesions</b>	<b>Burns</b>	<b>Dysentery</b>
<b>Alcoholism</b>	<b>Cancer, internal or</b>	<b>Dysmenorrhea (painful menses)</b>
<b>Anemia</b>	<b>external (cancer</b>	<b>Dyspepsia</b>
<b>Alopecia (loss of hair)</b>	<b>pains are wonder-</b>	
<b>Amenorrhea (stoppage of menses)</b>	<b>fully controlled by</b>	
<b>Aneurism (enlarged blood vessels)</b>	<b>this method)</b>	<b>Ear-ache</b>
<b>Appendicitis</b>	<b>Carbuncle</b>	<b>Ear trouble of all kinds</b>
<b>Arterio-sclerosis</b>	<b>Catar, no matter where located</b>	<b>Eczema and all skin diseases</b>
<b>Arthritis in all forms</b>	<b>Cerebro-spinal trouble</b>	<b>Enturesis (bed-wetting)</b>
<b>Asthma</b>	<b>Cervical - glandular trouble</b>	<b>*Epilepsy</b>
<b>Auto-intoxication</b>	<b>Cervicitis (inflammation of neck of womb)</b>	<b>Epididymitis</b>
<b>Back-ache</b>	<b>Chicken Pox</b>	<b>Erysipelas (and any inflammatory condition of the skin)</b>
<b>Bed-Wetting</b>	<b>Chilblain</b>	<b>Eye, inflammation of</b>
<b>Biliousness</b>	<b>Cold of all kinds</b>	
<b>Bladder trouble</b>	<b>Colds in head or chest or anywhere</b>	<b>Felons</b>
<b>Blood diseases</b>	<b>Conjunctivitis (inflammation of lining to eye-lids)</b>	<b>†Fever of all kinds</b>
<b>Blood-pressure trouble</b>	<b>Constipation</b>	
<b>Boils</b>	<b>Corea (St. Vitus' Dance)</b>	<b>Gall-bladder diseases</b>
<b>Breast trouble of all kinds, including "lumps" in the breast</b>	<b>Cramps</b>	<b>Gangrene</b>
<b>Broncho-pneumonia</b>	<b>Cystitis (inflammation of bladder)</b>	<b>Gas Pains</b>
<b>Bronchitis</b>	<b>Diabetes in all its forms</b>	<b>Gastric diseases of all kinds</b>
<b>Bronchial trouble of all kinds</b>		<b>Generative Organs, diseases of</b>
<b>Bright's Disease (inflammation of the kidneys)</b>		<b>Glandular Fever</b>
		<b>Glands, inflammation of</b>

\*For epilepsy, use Pad over the stomach and bowels. This includes the solar plexus, where the Rays work wonders.

†When there is no localized pain, place the Pad over the stomach and bowels for fevers.



The "Professional" *Ultra-Red-Ray Generator*—15x17 inches—and of large capacity—backed with light-gray "eiderdown" cloth. The front, or body side, is the "*Chemo-Chromatic-Filter*" side, and consists of the materials of which this patent, Ray-Generating and Ray-Filtering appliance is made. Can be used on Alternating and Direct Current 110 to 120 volts.

**DR. GEORGE STARR WHITE LABORATORIES, 239 South Los Angeles Street, Los Angeles, Calif.**

**Goutre**  
**Gonorrhea**  
**Grip (Influenza)**

**Hart Diseases**  
**Hay Fever**  
**Hedakes**  
**Hemorrhoids** (internal and external)  
**Herpes Zoster** (shingles)  
**Herpes** (water-blisters) about mouth or genitals  
**Hives**

**Indigestion**  
**Influenza (Flu)**  
**Injuries** of all kinds  
**Insomnia** (sleeplessness)  
**Intestines**, inflammation of

**Joints**, enlargement of  
**Kidney Diseases** of all kinds

**Leucorrea** (catar of the uterus)  
**Liver Diseases** of all kinds  
**Lymphatics**, inflammation of

**Malaria**  
**Measles**  
**Migrain** (sick headache)  
**Mouth**, diseases of  
**Mumps**  
**Muscle**, pains in

**Nephritis** (inflammation of kidneys)  
**Neuritis**  
**Nervus diseases** of all kinds  
**Neuralgia**  
**Nicotin Poisoning**  
**Nipple**, inflammation of

**Obesity**  
**Ovaries**, diseases of, pains of all kinds

**Pancreas**, diseases of (this includes sugar diabetes)  
**Paralysis** (when caused by localized inflammation)

**Pelvic Diseases** in both male and female

**Peritonitis**  
**Peritoneum**, diseases of

**Pharyngitis**  
**Pleurisy**  
**Pneumonia**  
**Pregnancy**  
**Prostatic Diseases**  
**Pruritus Ani** (itching about anus)

**Pus Tubes** (Inflammatory condition of ovarian tubes)  
**Pyorrhea Alveolaris** (inflammation about teeth)

**Rectal Diseases**

**Rheumatism** (Neuralgia, Sciatica, Lumbago, Gout)  
**Rhinitis** (cold in the head)

**Scarlet Fever**  
**Sexual Diseases**  
**Shel-Shock**  
**Skin Diseases** of all kinds

**Smallpox**  
**Sores**  
**Sore Throat**  
**Spleen**, diseases of  
**Sterility**  
**Stomach Diseases** of all kinds  
**Styes**  
**Syphilis**

**Throat**, inflammation in  
**Tonsils**, inflammation of  
**Toothache**  
**Tuberculosis**, no matter where located  
**Tumors**  
**Typhoid Fever**

**Ulcers**  
**Ulcer of Stomach**  
**Urticaria** (hives)

**Varicose Veins**  
**Vitality**, depletion of  
**Whooping Cof**  
**Wounds**

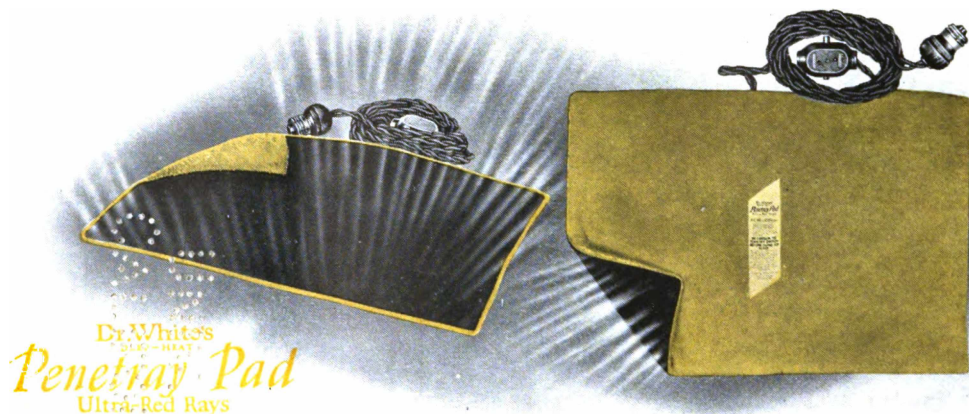
**X-Ray Burns**

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†When there is no localized pain, place the Pad over the stomach and spleen for malaria.

‡Pregnancy, tho not a disease, is a condition that is greatly helped by using these Pads.

The DIET to be used in all these conditions is outlined in Dr. White's book, YOUTH.



The "Edity" *Ultra-Red-Ray Generator*—11x17 inches, and of medium capacity—backed with tan "eiderdown" cloth. The front, or body side, is the "Chemo-Chromatic-Filter" side, and consists of the materials of which this patent, Ray-Generating and Ray-Filtering appliance is made. Can be used on Alternating and Direct Current 110 to 120 volts.

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