FILTERED ULTRA-RED RAYS

Their Discovery Production and Therapeutic Value

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

A SUPPLEMENT TO BOOKS RITTEN and PUBLISHED

BY

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Compliments of the Author

Goldsworthy White, M.D.
THIS
SUPLEMENT

Fulfils the desire of the Author to keep his readers informed regarding his latest advances in Therapeutic Measures.

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

"Lecture Course to Physicians"—Seven Editions.
"Think"—Two Editions.
"Prostatic Diseases"—Two Editions.
"Youth"—Three Editions.
"My Work"—All Editions.
"The Natural Way."
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 "Suplement" 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 offices 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 system produce beneficial results beyond description—almost beyond belief to those not accustomed to the work.

For many years I have been able to produce and use these wonderful Ultra-Red Rays in my office, but have not been able to produce them in such a manner that persons with electricity in their homes could utilize them. My aim has been to devise an outfit that would produce the Ultra-Red Rays economically and practicably for home as well as for office use. In this I have succeeded, and in the following pages I shall give a brief history of work along these lines of Nature study which I have had to pursue in order to attain the finished 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 write this "Supplement," which will bring all my books "up to date." You will be more than pleased that I am able to do this now, for the Ultra-Red Rays are unequalled in treating and curing all forms of dis-ease. 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 able to produce for home use as well as for professional-office 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 Country, I had the pleasure of sitting before hot wood stoves, hot coal stoves, hot fire-places and bonfires.

It is a well-known fact that farmers are heavy eaters and that nearly all of them suffer from stomach indigestion, colic cramps, rheumatism, etc.—all caused by wrong 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 some artificial source to radiate on the painful part.

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

I have seen persons with painful feet, or joints, sit for hours about a bonfire to get relief, but have noticed that more relief was secured in a few minutes before a hot stove or fire-place. I have personally, when a boy, sat before all kinds of heat-givers to relieve excruciating colic, but learned that the heat from an open oven in a hot wood
or coal stove was by far the best. Why, I had no idea. Another early observation was that my mother and grandmother would use a dark or black stocking to wrap about a hot stone or brick, because they said it would relieve 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 were made of light-colored rubber and red rubber, and a few were on the market made of a very dark—almost black—rubber. In using all the various “hot-water bottles” as they are called, I noticed that more relief from pain came from the use of the very dark-brown bags than from the light ones, and that more relief was obtained from the red than from the light ones. Why, I had no idea, but the fact remained the same, viz., that the dark-colored hot-water bag gave more relief for painful joints than the lighter colors.

It is a well-known fact that dirt, when placed on snow, eats its way into the snow. This circumstance I investigated and found that if the dirt were of a light sandy composition, it did not melt far into the snow, while if the dirt were of a good, black soil, it would melt very deep and generally way through the snow to the ground, if the sun shone on it a little of the time. This made me investigate still further and this I found to be a fact, viz., that the dirt melted its way into the snow 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. Some soil was of a reddish color, yet it would eat into the snow as deeply as that which was very black. I ascertained that such reddish soil was as productive as the black.

Now all this made me wonder more and more what the cause was for these phenomena. I studied the effect of sunlight in greenhouses and noticed that the soil was very “rich” that was used there, but also that the rays of light that made the rich soil there so productive passed through glass.
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 treat-
ment.

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 undevelop
if I used any color that did not allow the “white lite”
to pas thru it.

In the treatment of varius ills, I had read of the
wonderful effects of colord glas. Blue was said to be
good for many ills, 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 discoverd 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. Sumhow it seemd to be The Natural Way.

Tho I had used electric lamps for treating diseases 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 trubls.

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 relievd pain and congestion more redily than another.

Erly in cuntry life I observd that all life depended on radiant energy—sunlite. The trees stretcht out their branches and put forth leaves 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 leaves 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 leaves. From these observations I knew the life-giving rays past thru the sno and also
thru the foliage and leaves down under the virgin soil in
the woods. I could readily imagin that the sunlite would
pas thru the sno, as it was of such a transparent nature,
but how it could pas thru the leaves in the forest I did not
kno.

Then I began to experiment with varias 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 unimpaird.

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 leaves in the forest would redily let
the Ultra-Red Rays pas thru them and thus make heat
of its peculiar kind under the leaves 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 con-
gestion—the caus of all diseas.

Rite here I wish to digress to giv my views regarding
all manner of diseas 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 relievevd,
new blood and limf must cum in to take the place of the
“stagnant” or impeded fluids which ar causing the con-
gestion—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 have seen dogs and other animals, with injured feet, seek mud to stand in to relieve their inflammation and pain. If there were several kinds of mud present, the animal would instinctively go to that made of soil that is the best for vegetation. I learned that it is the very soil that will allow the most of the Ultra-Red Rays to pass through it.

I discovered why one kind of stove gave off heat that relieved pain better than some other stove. I discovered why one kind of heating element would give off heat that would relieve congestion and inflammation more than another. Here it is: Some materials filter out the very rays we need for producing convulsive heat in the body, while others will allow them to pass readily through. Some heating elements produce the Ultra-Red Rays, while others will produce hardly any. In short, I learned that it is the Ultra-Red Rays that penetrate deeply into the tissues and there produce heat. These are the rays that produce the beneficial effects we get from any heating device, be it a lamp, stove, electric pad, or what-not.

From exhaustive research and experiments, I have discovered the material and color combination, that will filter out the irritating, surface rays, and allow the life-and-health-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 know how brite sunlite relieves pain, but also have learned 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 will be only slightly reddened; while the innermost tissues will feel comfortably warm and the inflamma-
tion will hav been reduced in a manner that is unbelievabl
to those not experienst in the work.

The stomac 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 ar many cloudy days, I hav devised an electric
heating pad, which I hav named *Ultra-Red-Ray-Filter Pad*,
that is made of such heating elements as wil produce
the maximum of *Ultra-Red Rays*. This *Ultra-Red-Ray-
Filter Pad* wil allow an unbelievabl 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 conversiv heat deep down in the tissues. They can
be allowd to remain over the inflamed part, as of a lung
or a brest, or the stomac, 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 diseas 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 erth,
only thirteen per cent. of it is visibl! Seven per cent. of
the sun’s rays constitute the x-ray and the ultra-violet
rays, both of which ar destructiv to cel structure and can
be used for cel destruction by those who ar skild in
their aplication. In the hands of any other person, these
destructiv, chemical rays ar dangerus.

Eighty per cent. of the sun’s radiant energy is the
*Ultra-Red Rays*—the Rays that ar of biological impor-
tance—the "thermal" *Rays* upon which all life depends.

As before stated, the *Ultra-Red Rays* belong to the
invisibl spectrum *beyond* the visibl *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 otherwize. Lite should never be spoken of as "waves," for that makes the whole subject uncertain. I can not conceiv 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 stoping 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 will pass thru the soft tissues into the bones and cure conditions in the bones that nothing else will—and all in The Natural Way.

Ultra-Red Rays will pass thru virgin soil (humus), and produce heat in such soil much more readily than in used or non-productive soil. These Rays have such speed that they will penetrate to depths almost unbelievably. The heat they produce in the soil will open the grains and seeds and cause the roots to sprout and the plant circulation to begin and continue.

The Ultra-Red Rays are 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 light as She wishes them to have. Did you ever notice the different forms of the barks of trees—how some have many curves and angles, while others are almost smooth? These barks are light-ray filters, or screens, and they convert the radiant light as they need it. It can be likened to the changing of light by means of waved, or ribbed glass. Such glass can be made to filter out certain colors (or speeds) and allow certain other colors to pass 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 marked in some animals and some vegetation than in others.

Fish, for example, that are protected by water are nearly transparent to these Rays, while the fur-bearing animals that inhabit the ice-and-snow-covered regions with all the terrible reflection resulting therefrom, are thickly covered with hair, fur and skin. Nature uses from sunlight such speeds, or colors, or rays, as She requires, the same as She selects certain elements from the earth to produce animal and vegetable life such as was, is, and shall be.

Humans, by subjecting themselves 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* are very variad 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 simp 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 Na-ture 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 films 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.

Rite 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 past away from the sun and was at its regular “lo audibility”
when the eclipse was over. I am fully convinist 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” decreast as the audibility increast. In other words, audibility increast as the lite decreast. Notis 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 hav devized machines for treating diseases while the radiant lite is being exstinguisht, at which time it is possibl to get the greatest amount of the specially efficient, deep-heat, deeply-penetrating rays.)

My method for testing to lern which elements giv off rays of a certain penetrability and quality is by passing the rays thru varius filters that I hav made expressly for this work.

For exampl, Filter A would be used with the varius 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 hav been abl to kno that the rays differ as the heating elements differ, for if the rays wer the same in all the elements, the filterd-out rays would be the same, but they ar not the same—each has its peculiare properties, the same as each kind of bacterium has its peculiare caracteristics in growth and food.

The study of the filters used in investigating the Ultra-Red Rays is very interesting. The folloing ar a few of my findings: Not only the weav and the material of fabrics, but also the color of them, interfere with or aid in the transmission of the rays. Take, for exampl, four pieces of a certain fabric, colord respectivly green, blue,
indigo, and violet. The passage of the rays will be impeded progressively in the order of the colors given. Yellow, orange, and red are 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 weave acts as a better transmitter of the rays from certain elements, while a loose, soft weave acts better with other elements.

All vegetable fabrics act much better as transmitters of the rays than any animal fabric. For example, vegetable silk will transmit the rays infinitely better than worm silk. In like manner, cotton fabrics transmit the rays very much more readily than woollen fabrics. Artificial leather, though it may look so like real leather as to be hardly distinguishable, will transmit the rays very much more easily than real leather. “Eiderdown,” used as a cover for some varieties of heating pads, is almost impervious 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 various metals I have made some very interesting findings. Aluminum and lead are practically impervious to the Ultra-Red Rays. In alloys the more aluminum or lead that is present, just so much more will the rays be interfered with. Black sheet iron allows the rays to pass thru quite readily, while the same iron galvanized will interfere considerably with them. Brass and copper and alloys of same allow the rays to pass thru very well, but the rays are not the same in any two different metals or combinations.

My experiments with vegetable fibers has been most interesting. I found that the rays would pass readily thru twelve thicknesses of fresh fig leaves just brought in from the
sunlite. If these were kept on ice for an hour the rays would pass thru only slightly impeded and without scarcely raising the temperature of the leaves in passing. "Scard-and-yello" leaves tho in thick pads, allow the rays to pass thru very readily. Sum varieties of wood will allow the rays to pass 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 pass best lengthwise 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 know allow the rays to pass thru, for under "everlasting" ice and at all depths of the sea, green plants grow 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 are intensely interesting from a scientific standpoint, but most of all they are of limitless value in selecting the rays suited to treat all manner of diseases.

Certain kinds of Ultra-Red Rays, as from various elements, can thus be understood to act entirely different in passing thru one kind of a filter than in passing thru another kind. In this manner we are able 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 are irritants and useless in therapeutics, while others are of inestimable service in relieving all forms of inflammation and congestion. By understanding the art of filtering out certain rays while allowing others to pass thru, we have 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 actiue hyperemia, which relieves the passiue 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. Although 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 servis 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 Penetray Pad, and the one designed and constructed for professional office use, has been named Dr. White's Chemo-Chromatic Filteray 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 apllies 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 relieves 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 apliances now being advertised 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," contraptions. I giv this information as a timely warning to physicians and the public.

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 varied, yet only a very few methods are 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 pass differ.

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

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

7.—The *Ultra-Red Rays* are the only rays that will safely penetrate into the deepest tissues and there produce heat. All other heat-producing methods are destructive rather than constructive.

"If I know not the meaning of the voice, I shall be to him that speaketh a barbarian, and he that speaketh shall 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

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 practices—"The Professional Pad."

Dr. White's

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 Laity 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 "Penetray-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 everyone 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 Rithmo-Lite-Color System. These systems will give a correct diagnosis, by one skilled 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 iodin 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 not 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 lymph 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 tuberculous 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 thatlite, visibl, or invisibl, is necessary to prevent or cure this terribl condition.

I hav used all manner of visibl lites for this condition, as wel as the ultra-violet lite from all manner of lamps for that purpose, but hav lernd from experience that the Filterd Ultra-Red Rays do better for this condition than any other form of artificial radiation. Of course, if we could procure unadulterated sunlite, that would be ideal, but to take the littl patient to mountains so hy 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, folloing 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 gide for the amount to be fed. Do not feed acid-fruit juices within two hours of the time vegetable juices ar 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 sunlite. Do not allow the patient to become buried by the sunlite, as that delays recovery.

Do not immobilize the softened 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 steady flow of fluids thru 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 sunlite, 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 pulls 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 Filtered 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 Filtered 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 diseas and sho how the Filtered Ultra-Red Rays can be used to normalize the condition, for all diseas is the result of inflammation. To cure any diseas the circula tion must first be normalized.

If 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 some 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 cause of this terrible state of affairs very fully, so I cannot 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 cannot 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 Disease" I dwelt 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 Disease.

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.

Although 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 want to 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 Filterd 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 EXERCIZING 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—Filterd 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 Rithmo-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-lite 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

Married 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 well and has remained well. Notis that I used no heating device in the rectum. As has been explained, that is not necessary with the Filtered Ultra-Red Rays, for they penetrate so deeply that they reach the deepest tissues.

* * *

Clinical Case—Ovarian Pains.

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

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

Owing to the severity of her condition, I advised her to use the Filteray Pad, instead of the Penetray Pad, at least three hours every nite until her condition was corrected.

She followed 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 cause of other troubles, I must tell you what wonderful reports we are receiving from those who are 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 bread. The "eating of bran" never cures constipation. It simply fools the eaters of same by making such a mess in the bowels that they have to get rid of it. The extra irritant in the intestines brings about colitis (catar of the colon) and a second condition is created that is worse than the first.

The natural secretions are lacking in all cases of habitual constipation, therefore do not use mineral oil, which coats the bowels over so they secrete less and less and a "parch" intestine is the result.

The Filterd Ultra-Red Rays applied over the abdomen an hour or so twice daily will do wonders in starting up a natural secretion in the bowels. That instigates a natural peristaltic movement in the intestines. While taking the "home treatments" do deep, abdominal, breathing just as conscientiously as if you were paying ten dollars a treatment at your doctor's office.

My book YOUTH, last edition, illustrates and describes the exercises that I prescribe for constipation. It also gives full information regarding the diet that will prevent as well as cure constipation.

* * *

"COMMON DISEASES"

I would like to relate the hundreds of reports that I have already received regarding the relief, attributed to the use of the Filterd Ultra-Red Rays for nearly every disease known. Space will not permit, but I shall just name a few of the most "common ailments" in the relief or cure of which we are receiving such good reports:
Colds; Catar; Reumatism; 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, Filterd 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

Married 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 Penetray 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 Penetray 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 Filteray 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.


* * *

Post-Operative Pains and "Gas Pains"

I have already reported in the "Professional Bulletin" the success we are having in using the Filtered Ultra-Red Rays after all abdominal operations.

I shall not report case by case, as there are too many of them, but the general plan is to use the FilterRay Pad right over the dressings for several hours each day after the operation.

This system seems to prevent all "gas pains" that are so distressing to those who have to be operated upon.

The Filtered Ultra-Red Rays hasten recovery very much.

No matter on what part of the body the operation is performed, the healing process is greatly hastened by using the Filtered Ultra-Red Rays over the wounds.

In fact, for wounds of all kinds, the Filtered Ultra-Red Rays work wonderfully well. 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 Filtered 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 “prooft” 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 reliev 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 Filtered 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 Filtered 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."

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

*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—15 x 17 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.
Goitre
Gonorrhea
Grip (Influenza)

Hart Diseases
Hay Fever
Headaches
Hemorrhoids (internal and external)
Herpes Zoster (shingles)
Herpes (water-blisters) about mouth or genitals
Hives
Indigestion
Influenza (Flu)
Injuries of all kinds
Insomnia (sleeplessness)
Intestine inflammation

Joints, enlargement of
Kidney Diseases of all kinds
Leucorrea (catarrh of the uterus)
Liver Diseases of all kinds
Lymphatics inflammation of

Malaria
Menses
Migrain (sick headache)
Mouth, diseases of
Muscles, pains in
Nephritis (inflammation of kidneys)
Neuritis
Nervous diseases of all kinds
Neuralgia
Nicotine Poisoning
Nipples, inflammation of
Obesity
Ovaries, diseases of, pains of all kinds
Parotitis, diseases of (this includes sugar diabetes)
Paralysis (when caused by localized inflammation)
Pelvic Diseases in both male and female
Peritonitis
Peritonitis, diseases of
Pharyngitis
Pneumonia

Pregnancy
Pneumonia
Prostatic Diseases
Pustules (itching about anus)
Pan Tubes (inflammatory condition of ovarian tubes
Pyorrhea Alveolaris (inflammation about teeth)

Rheumatism (Neuralgia, Sciatica, Lumbago, Gout)
Rheumatism (cold in the head)
Scarlet Fever
Sexual Diseases
Sexual Shock
Skin Diseases of all kinds
Smaligus sores
Sore Throat
Spikes, diseases of
Sterility
Stomach Diseases of all kinds
Styes
Syphilis
Throat, inflammation in
Tonsils, inflammation of
Tubercle
Tuberculosis of ovaries, no matter where located
Tumors
Typhoid Fever
Ulcers
Ulcer of Stomach
Uricaria (hives)

Varicose Veins
Vitality, depletion of
Whooping Cough
Wounds
X-Ray Burns

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

[When Pregnancy, the 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 "Lidty" 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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