

## THE EFFECTS OF THE CRUDE X-RAY ON HUMAN TISSUES AND A PROVING OF THE POTENTIZED X-RAY EMANATIONS\*

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While there are many scientists, there are few scientific thinkers. In this present day, all medical scientists are engaged in research work, and I should like to believe that the homœopathist is doing his part in research work, particularly when it comes to the advancement of his therapeutic art in connection with some of the new and basic elements. These usually go deeply into the vital economy and help the more serious and chronic types of disease, more so than the simple vegetable remedies.

My interest in *X-Ray* was stimulated by the work that Doctor Joseph Post of Philadelphia was doing, namely, to irradiate specimens of alcohol and sugar of milk, and to see if they would become radioactive. This could only be demonstrated by the Geiger counter. Tests were then made by Mr. Frank Hartman, an expert in the use of the delicate Geiger counter. It was found that there was no radioactive effect. The same routine was carried out with the test of materials in open vessels, and still there was no effect on the Geiger counter. This, then settled the question of radioactivity. Therefore, we must look for the possibility of other effects showing the reason we get such a close proving of the effects of *X-Ray* upon the body tissues.

There are certain emanations which we gather in potentizing what we call the *X-Ray*, which produce positive effects on healthy human tissue. It is my opinion that the term "Potentized *X-Ray*" is a misnomer and should not be used. There are certain emanations taken up by the alcohol which are being potentized. It is interesting to note also that the therapeutic application of irradiation, so far as

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dosage and interval of application are concerned, follows very closely the dictates as laid down by Samuel Hahnemann; that is, the more acute the lesion, the smaller the dose and the shorter the interval for application, and *vice versa*.

My work in searching for basic remedies and proving them for forty-five years has led me to investigate from the homœopathic viewpoint the potentized *X-Ray* emanations. I am able to prove the fact that it is one of the deepest acting remedies in our *materia medica*, if not the deepest.

My sole and whole interest in any substance or drug is in its effect on the living cell. In dealing with the *X-Ray*, either as a local or constitutional therapeutic agent, it should not be forgotten that we are dealing with a powerful force whose very name implies an unknown quantity, requiring in its crude state great skill and judgment in its use. It should also be remembered that the Roentgen ray is an intense ray from the chemical end of the solar spectrum which exists there in small quantities, and by artificial means it is produced and intensified thousands of times through the present generative processes.

To the follower of Hahnemann, there is a deeper and more profound reason when we take into consideration some of the fundamental principles of this ray covering the cure of any disease. One of the most vital of these principles is that disease must be cured from within outward and from above downward. I believe there can be no other way to reach disease through the action of the medicines but through the life force and governed by this principle; all other means are antagonistic to the law. Therefore, the so-called *cures* of skin lesions by a persistent use of the *X-Ray*, locally, must be a suppression but not a cure, and we can safely prophesy that in time the history of such cases must reveal fully that fact.

I have used the potentized *X-Ray* since 1897 when I laid a flint glass bottle containing absolute alcohol under a tube, which I personally used, and which was activated

by my Meyervitz coil. This was given to my old friend, Doctor Samuel Cleveland, and he told me he gave it to Doctor Bernhardt Fincke of Brooklyn to potentize.

Recently, in working with Doctor Post of Philadelphia, I conceived the idea of having the alcohol irradiated in an open vessel and the raw rays pushed right into the alcohol without a glass screen intervening as done with a bottle which I exposed. Doctor Post has very kindly co-operated with me and we have exposed the same alcohol several times to the raw rays. I potentized it immediately in his office.

In this short talk, I cannot go into complete details concerning some important facts, but I found that the originally exposed alcohol lost some of its power days after it was exposed. This preparation of the raw material, which I potentized immediately in Doctor Post's office, was given to Boericke and Tafel and they have run up potencies for me.

I shall include some of the effects on the human skin and glands from continuous exposure to the crude *X-Ray*, as well as effects from the potencies. There is no doubt that it violently irritates all the tissues of the body and greatly depresses their functions. Of course, more prompt and serious effects of the *X-Ray* are observed in the skin, and other changes follow exposure to the crude *X-Ray*. Inflammations produced by direct irradiation, if intense, are followed by sclerotic and necrotic changes, and I have known them to last to the end of the patient's life. Clinical observation has proved to me that malignant degeneration often follows too long and too frequent irradiation.

In this talk, I cannot go into all the real symptomatology that I have developed, but it will be published in connection with this paper. While I have seen positive results from the potentized *X-Ray* in eczema, arthritis, mental aberration, catarrhal conditions and aplastic anaemia, there is no doubt but the *X-Ray* affects the bone marrow to an extensive degree, and what any drug or substance is capable of

producing in the healthy human body, it is, by the law of similars, capable of curing. I have observed over and over again the ability of the potentized *X-Ray* to arouse reactive vitality and bring to the surface old dormant conditions. I have used it as a nosode when the best constitutional remedy failed to relieve or arouse the overpowered vitality to a sufficient degree to bring about the proper reaction.

I would say that one of the most prominent effects of the *X-Ray* potency is its tendency to resurrect old symptoms, such as suppressed eruptions. With the Boericke & Tafel potency of the *X-Ray*, I brought back an old suppressed foot sweat in a patient who had been complaining of rheumatic pains in his feet and ankles for the past ten years. He told me that he believed his pains began after he had stopped the foot sweat with some local applications. The *X-Ray* potency brought back this suppressed foot sweat after the failure of *Silica*, *Graphites* and *Thuja*, and since this foot sweat has reappeared he has completely lost the rheumatic pains in his feet and ankles. This case proved to me the power of the *X-Ray* in potency to resurrect old suppressed conditions.

I present the case of an old lady who worked as a short order cook, who could not keep a position because of cracks and bleeding between the fingers. She had many an ointment prescribed at the hospital dispensary. I failed with *Graphites* and *Petroleum*,—but a powder of *X-Ray* in potency, morning and evening, cured her within a week, and she has remained cured up until this moment.

I have placed this remedy, *X-Ray*, among my nosodes and have found it of great value as an intercurrent in arthritis.

If I may briefly side-step *X-Ray* as a remedy for a moment, I might add that the modern arthritic remedies have no comparison when it comes to the safety of the patient as compared with our homœopathic remedies.

One of the greatest results I have had treating degenerative or atrophic arthritis was a lesion in the knee of

a school teacher whom I placed in the Women's Homœopathic Hospital of Philadelphia in 1949. This diagnosis was made in the X-Ray Laboratory by Doctor Wessel. He believed this patient would soon be crippled. She was almost crippled when I put her in the hospital. Doctor Wessel told me that an atrophic type of arthritis was the most stubborn case to treat. Yet this woman, who is the principal of a large public school, has been completely relieved and is carrying on her duties regularly to this day, running up and down stairs which her position requires of her. She seldom suffers any pain. This is one instance of the use of the *X-Ray* in potency; and in this case I stand neutral, and if anyone doubts my word they may go to the X-Ray Laboratory of the Women's Homœopathic Hospital of Philadelphia, and have the facts verified. I have often wondered why there have not been more clinical confirmations published concerning the use of the potentized *X-Ray*.

I shall now quote some effects produced by the crude *X-Ray* which have been observed by competent men in the X-Ray Laboratories.

"It violently irritates all the tissues and greatly depresses their function, and its action on the brain causes mental irritability with emotional explosions in the form of quarrels and misanthropy, and a desire to kill."

"This may be followed by mental depressions and weakening of the mental processes; irritation of the nervous system which produces a general prostration, exhaustion, languor, lameness, swooning, sensitiveness, soreness of the tissues, with trembling and twitching of the whole body."

"The irritation of the system may go so far that chills or chilliness develop, with fever and perspiration following. There is an aggravation towards evening, and aggravation in bed."

"The skin is very easily affected. Erythematous, papular and vesicular dermatitis, with burning like fire."

I have produced these conditions in provings with the potentized *X-Ray*. Also old, seemingly cured eruptions may return.

"Much more serious are the changes in the skin and all other tissues produced by the crude *X-Ray*."

"These salient points follow very closely the known effects of the X-Ray irradiation on the tissues and functions of the body as we know them after a lapse of 55 years after their discovery."

In the biological consideration of radiation and the effects upon the various tissues of the body, we now know there is not a single tissue that is not affected, so that when the homœopathic systematology states that it affects and irritates all tissues, we know that to be a fact. That it depresses their functions, we know to be true. It does cause mental depression. I verified this when the potentized *X-Ray* was given to one of my provers, who was a very alert and happy young Jewish man. The mental depression was extremely marked, and there was general depression, prostration, exhaustion and languor.

I should like to call special attention to the three degrees of its effect on the skin :

- (a) Erythema
- (b) Vesiculation. This is a painful stage.
- (c) The last stage being the destruction of the skin tissues with a resultant radioactive ulcer of a markedly violent type, which resists even good treatment.

X-Ray radiation markedly affects glandular function, both as regards inhibition and their destruction.

I shall now offer a proving of the potentized *X-Ray* made by three provers. The provers consisted of two men and one woman. They were each given the same thorough preliminary physical examinations as were used in the making of my other provings in the Constantine Hering Laboratory.

The male provers developed the most severe and constant mental symptoms, namely, mental irritability, mental depression, misanthropy ; did not want to see anyone, nor talk to anyone.

One female prover developed mental symptoms during her menstrual period, which was quite profuse and unusual. She told me she felt she would like to kill someone.

**HEAD:** All the provers developed headache; pains were always either in, or about the temples. The female prover developed a violent sick headache on the second day of the menses, with bursting frontal headache and vomiting. This was relieved rather promptly by applying a hot water bag.

In all provers, many of the headache pains seemed to go into the neck. Stiffness developed on both the right and left side of the neck. This was worse at night; sudden "cricks" in the side of the neck were particularly felt when lifting the head from the pillow. I believe this remedy, potentized *X-Ray*, can be safely put under the "stiff neck" Rubric in any repertory.

**EYES:** The eyeballs felt sore to touch.

**EARS:** There was a sensation of fulness in the ears with buzzing noises also in the ears.

**NOSE:** A sensation of vapour of sulphur in the nose and throat, with much sneezing.

**MOUTH:** The teeth were covered with a grayish-green slime. This developed in a patient who was being treated for acne vulgaris of the face with crude *X-Ray*.

**STOMACH:** Appetite markedly diminished. All provers seemed to desire sweets. The male provers had a decided aversion to meat. Some nausea developed, and I might mention that a patient, who was receiving *X-Ray* treatment for a fibroid tumor of the uterus, always developed intense nausea some hours after treatment; intense nausea with vomiting and often a profuse, loose stool.

**URINARY ORGANS:** Vesical tenesmus.

**HEART AND LUNGS:** Wandering, sticking pains in the chest; worse on the right side. Stitching pains in the right upper chest, going through to the upper part of the scapula. One prover developed a cough

in the morning, with raising of greenish, tough mucous; palpitation of the heart, the heart sound keeping him awake while lying on the left side.

**BACK:** Backache was observed in the morning after waking. Prover was lame and stiff and the pains centered over the sacroiliac region.

**UPPER EXTREMITIES:** Tingling as of an electric current felt in the forearms, wrists and fingers. A grating or crackling is heard in the shoulder joints, as well as other joints in the body.

**LOWER EXTREMITIES:** Pain in the sciatic nerve beginning in the right hip and going down the thigh; worse on walking.

**SLEEP:** Kept awake by the heart sound while lying on the left side. Sleepy, but unable to sleep; sleep is not refreshing; dreams all night. There was also produced a general tight feeling, a persistent exhaustion and languor, with some trembling of the limbs. From my observation, I believe the mental and physical aggravations are more marked towards evening.

**SKIN:** The potentized remedy did not bring out any skin symptoms on the provers. The skin symptoms that are so persistent and serious were all brought out by the application of the crude ray which I have mentioned in another part of this paper.

The potentized *X-Ray* produced very few symptoms in my provers, but patients suffering with various diseased conditions who had been given the *X-Ray*, brought out many clinical symptoms.

Finally, I must attest to the genuineness of the fact that many old and suppressed symptoms have been brought to the surface by the deep acting potentized *X-Ray*. Although this proving in potency does not seem to be very extensive, it was carried on for over a month, but the symptoms developed were all genuine and, clinically, many of them have

been removed by the potentized remedy. Only by continued observation and the use of the potentized *X-Ray* can we enrich our symptomatology, and it is hoped that my humble effort may inspire the profession to further investigate this specific remedy.

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### THE CURE OF SURGICAL CASES BY HOMŒOPATHY\*

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SURGEONS, in general, are not adversaries of Homœopathy, and it is a mistake to think that homœopaths are enemies of surgical intervention, but we may say that many operations are unnecessary and that Homœopathy is able to cure a lot of so-called surgical patients. Moreover the help that we can bring to surgeons is important. We can help the patient not only before the operation but after it as it will be shown. For example, *Aconite* will often calm the anxiety of the fear of death from operation, anæsthesia and so on.

If our patient has a tendency to hæmorrhages we can choose such remedies as *Phosphorus*, *Arnica*, *Crotalus*, *Vipera*, *China*. *China* will be very useful to prevent and control hæmorrhages of surgical operations on tonsils. We all know the action of *Ferr. phos.* and *Capsicum* on mastoid. *Capsicum* given in due time will often avoid mastoiditis.

In inflammation of sinuses, in France we successfully use a nosode called *Oscilococcin* a remedy found by Dr. Roy. We give it in the 200th. The action of this remedy is short and bears repetition. Dr. Chavanon gives also

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