

REPORTS NEW CANCER SERUM

Professor at Detroit College

Stirs Medical Profession

by Announcement.

Members of the medical profession in Detroit have been stirred by the announcement of a new treatment of cancer by Dr. William F. Koch, professor of physiology at the Detroit College of Medicine and Surgery, and the statement he has already clinically cured a number of inoperable cancer cases.

Dr. Koch's announcement is made in the issue of the Detroit Medical Journal, in a paper entitled "A New and Successful Treatment and Diagnosis of Cancer."

He describes the treatment as "a subcutaneous injection of about 30 drops of a bio-chemical compound."

RESULT OF LONG STUDY,

This compound, Dr. Koch told a reporter, is the result of nine years of study and experiment which began, in the chemical laboratory of the University of Michigan, with his study of the function of the parathyroid glands, four glands, about the size of a small pea, lodged deep in the neck.

"The function of the parathyroid glands," Dr. Koch said, "was a mystery from the time these glands were discovered until some years ago when I cleared up the matter to a point where a very important disease, Eclampsia, and the change which constitutes cancer could be studied. Eclampsia treatment will be reported soon in some medical journal." (Eclampsia is an intoxication resulting from insufficiency of the parathyroid glands. It occurs in pregnant woman and is quite rare.)

"The parathyroid glands are necessary to life. If they are injured the afflicted person dies in a characteristic way - in convulsions.

"The first contributions to this subject were made at Johns Hopkins University. Unfortunately they were erroneous and only made the mystery deeper. It was when I discovered that when these glands are injured several poisonous substances develop from a previously useful substance that we were placed on the right track again. The poisonous bodies are certain guanidins and they develop from a hormone, which I found to be methyl-cyanamide."

COMPOUNDS ACTION,

"While testing the various organs for the presence of this compound and also testing cancer the same way, I noted the difference between cancer and normal tissue and it is this difference that forms the basis of my cancer treatment." The action of this compound, which Dr. Koch asserts, destroys cancer tissue and has no effect on normal tissue, he describes as follows:

"The serum is carried to the cancer by the blood. The cells are killed. Their osmotic pressure increases and they become waterlogged and swell. The pressure of the swelling causes more pain until the killed part has been disintegrated and absorbed, and the absorption, or burning up, causes fever, usually occurring about 12 hours after the injection of the serum. Cancer tissue so absorbed also serves as nourishment. If the patient has been starved a long time because of cancer of the stomach, a large cancer, paradoxical as it is, is a benefit since, once killed, it supplies food elements and actually gives strength to the patient. Cancers previously treated with X-ray or radium, however, if killed by the serum treatment, gives products that are very toxic, sufficiently so, in some instances to kill the patient.

Dr. Koch's treatment will not, he says cure cancers that have previously had X-ray or radium treatment.

TYPES READILY CURED,

"I have treated 30 such cases and in every instance the treatment was a failure," he said, "Except that it is a matter of electron vibrations, I am in the dark as to the exact nature of the change in the cancer chemistry induced by X-ray or radium treatment. I am now trying to solve that problem."

Neither will Dr. Koch say that his serum will cure skin cancer or breast cancer.

"I have had good results with skin cancer several times," he asserted, "but I have not had enough experience with it to say that my compound will cure it. The compound was not constructed according to the chemistry of such growth. The material I used for analysis when starting the work was rectal and stomach cancer. The types that respond best to the treatment are cancers of the liver, stomach, intestines, rectum and uterus, which are apparently rapidly and completely cured.

About ten injections of the serum, Dr. Koch says, will completely cure a stomach cancer as big as a man's head and stomach cancers are practically always inoperable.

BAD CASE CITED,

"I had a woman patient last August," he said, "with a cancerous growth as large as a watermelon. She was too weak to walk and wanted to live only until her son returned from France. I did not expect her to live a week. Today she is as well as any of us. It is the same with all stomach cases I have treated; they are either entirely well or getting well as quickly as treatment proceeds. And the same is true of rectum or uterus cancer that have not been treated with X-ray or radium."

All Dr. Koch's cases have been well advanced. It makes no difference in the success of the cancer treatment how near death the patient may be, he asserts.

"Just as long as the blood is circulating to carry the serum from the site of injection through the growth, the compound will do its work," he said. "Of course some patients may be so completely exhausted as to die, anyhow, or they may have some other fatal malady. If one of the patient's vital organs is destroyed; curing the cancer obviously will not save his life. He is likely to die before the cancer is cured."

CONFIRMED BY PHYSICIANS,

The stomach, Dr. Koch, says, although important, is not necessarily a vital organ.

According to Dr. Koch, not one case of cancer in the history of the world had been cured by medical treatment until he discovered his compound.

Several Detroit physicians whom Dr. Koch thanks in his paper for their co-operation in his cancer treatment, have confirmed Dr. Koch's statement that he has established clinical cures of cancer in specific cases.

By "clinically cured" is meant, they explained, that insofar as can be determined without exploring the patients by operation to justify a positive statement that no trace of cancer remains or by waiting five years to ascertain that there is no recurrence of the cancer, the patients have been cured.

Although all spoke of Dr. Koch's treatment with that reserve which, in discussing the value of another man's discovery of a disease-treatment, marks the utterances of reputable physicians, jealous of their own professional reputations, they were unanimous in the opinion that Dr. Koch's treatment has shown remarkable results. That, from the viewpoint of the physician, caution in indorsing a "cancer cure" is natural, is emphasized by the statement of Dr. J. H. Carstens, and solemnly echoed by two others of the physicians interviewed, that "the man who discovers a cure for cancer will be the greatest man in the world."

BRILLIANT CHEMIST,

Dr. Alexander W. Blain, surgeon, head of Jefferson clinic: "Dr. Koch is one of the most brilliant physiological chemist in the country. It is too early to say he has a cancer cure, and it should not be regarded as a 'cure-all' but as an adjunct to the treatment of cancer. No cure can be established until five years have shown there is no recurrence of the disease. But what he has done is this: He has made people well who were so far gone with cancer that they had only a few weeks to live. Several patients he treated for me are working hard and enjoying life a year after they 'should have been dead.' Even if Dr. Koch gets no further with his work than he is now – and he is experimenting now with his fifteenth mixture, I believe – even if he has not discovered an absolute cure for cancer, he had added years to the lives of cancer victims. There are nearly 300,000 victims of cancer in the country and if they could all have a few years of usefulness added to their lives the saving to the country would be enormous. What he has already done is a boon to humanity and a great step forward in physiological chemistry."

CONFIDENCE IN KOCH,

Dr. Walter L. Hackett, visiting gynecologist and obstetrician, Woman's Hospital: "There is no question of Dr. Koch's sincerity and ability. It will take five years to determine whether or not he has a real cure for cancer, but I have enough confidence in his treatment to let him inject his serum into any cancer patient of mine. I had, as a patient, an old woman who was very far gone. At Koch's suggestion I operated on her and took out such cancerous growths as were apparent. Later, the cancer grew again. Dr. Koch gave her four injections and she is now apparently entirely well. I have seen some excellent work done with radium, but never anything so remarkable as this. Dr. Koch should be given every opportunity to prove the value of his treatment."

Dr. C. Hollister Judd, president of the medical board, Women's Hospital: "When we stop to consider that one woman in every seven and one man in every 12 have cancer, the importance of the work Dr. Koch is doing can not be overrated, though it is too early to say that he has a cure for cancer. He has been working under many handicaps. The cases give him have been the 'hopeless' ones, where the surgeons saw the uselessness or impossibility of further operation, and his treatment has shown remarkable results."

SHOULD BE HELPED,

"Everything should be done to encourage him in his work. He should not be obligated to think, for instance, of expense. Yet his serum costs him \$8 an injection, I believe. He ought to be given \$100,000. to carry on his work and he ought to have a ward in a hospital where he could concentrate his patients. Women's Hospital is arranging to give him 12 beds. Dr. Koch's work, which is still experimental, is important in this sense, he is studying cancer physiologically rather than pathologically. That is, instead of working on the cancer tissue of a dead person, he is working on patients who are alive. There might be a question as to which method is more interesting to the physician, but there is no question of which appeals more to the patient."

Dr. J. H. Carstens: "He has apparently effected some wonderful cures, but it is too soon to say this positively. I am against publicity in the matter, as we do not want persons afflicted with cancer to flock to Detroit for treatment when they will not be able to be taken care of. Dr. Koch will get all the cases he needs."

TOO EARLY TO PREDICT,

Dr. G. H. Palmerlee: "Dr. Koch treated an old man for me. The growth seems to have reduced materially and the patient began feeling better after the first few treatments. It is too early to say that Dr. Koch has a cure for cancer. He should be given a ward in a hospital with a number of cases proved beyond the shadow of a doubt to be cancer. Then a commission of physicians should be appointed to watch the effect of Dr. Koch's treatments on the patients. If he had 100 cases of positively proved cancer and he established cures in 90 per cent of the cases, he would be getting somewhere."

"If he can cure 75 per cent of his cases – even if he has not a positive cure for all cancer – his discovery is a boon to humanity, for the man who discovers a cancer cure will be the greatest man in the world. One of the difficulties of curing cancer is that ordinarily it is not discovered until the case is too far advanced to be operated. Operations are successful if the cancer is caught early enough and if all the cancer cells are removed. If, however, a few of the cells escape and spread through the lymph tracts or blood vessels to other parts of the body, the cancer will break out again and it is obvious that only a certain amount of tissue can be removed from the body."

WITHHOLDS FORMULA,

"Where a case has been operated and cancer breaks out again, there is almost no curing it by further operation. The trouble with making any announcement of a cancer cure is that too much will be expected of it, as too much was expected of X-ray and other innovations. The X-ray is of wonderful assistance in diagnosing, in locating foreign particles in wounds, obstructions of stomach or intestines, and in discovering broken or dislocated bones, but it is not a cure all, as people thought when its discovery was announced."

The establishing of a commission of physicians to study the progress of the cases he treats is, Dr. Koch says, exactly what he wants.

"I do not want to make the formula public just yet," he declared, "because I fear it might be commercialized. The compound is difficult to make and it deteriorated rapidly. If I published it and quacks or unscientific men started mixing it and treating cancer with it, the results would be disastrous, not only possibly to the patients, but to the ultimate success of the treatment. Improperly mixed or administered the compound would fail to do its work. It would be discredited by the medical profession and it would take years to establish its value. When I have proved to the satisfaction of the medical world that it does its work, it will be time enough to make the formula public."

Detroit Sunday News

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DOCTORS MAKE COMMENT

Members of the medical profession in Detroit have been alerted by the announcement of a new treatment for cancer by a Dr. J. H. Korth, professor of physiology at the Detroit College of Medicine and Surgery, and the student body of the college has been advised to be on the alert for a new cancer remedy.

WILSON SAYS DELAY DREES BOLSHIEVISM

Tells Big Des Moines Audience That "Poison
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Rule of Many by Few Must End, He Asserts; Points
Out Mortification Which Would Follow
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DES MOINES, Ia., Sept. 6.—A possibility that Bolshevism may spread in threatening proportions to the United States unless the Peace Treaty is ratified promptly, President Wilson in his address here tonight. The whole world was watching his address here tonight. The whole world was watching his address here tonight.

Walsh Says Wilson Admitted Pact Failure

Quotes President as Stating Tragedy of Day
Was Choking of Self-determination
by Secret Treaties.

WASHINGTON, Sept. 6.—President Wilson admitted to Frank P. Walsh and former Governor Dixon, of Illinois, who sought a hearing before the Peace Conference for the Irish Nationalists, that secret treaties entered the Allies' power before they had announced the principle of self-determination of subject peoples in the Peace Treaty and that it was "the great moral tragedy of today," according to a statement given to the Senate Foreign Relations Committee today.

G.O.P. Senators Say Pact Change Is Too Drastic

WASHINGTON, Sept. 6.—Holding that the restoration to the Senate of the right to amend the Peace Treaty is too drastic, the G.O.P. Senators today expressed their opposition to the measure.

SEEKING ROOMS FOR TEACHERS

Cody Appeals to Citizens
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COTS BRING HIGH PRICES

French soldiers, engaged in the battle of the Somme, today appealed to the citizens of Detroit for help in finding living quarters for their soldiers.

WOMAN KILLED WHEN AUTOMOBILE TIPS

Daughter, With Her, Injured
In Roadside Accident.

Miss Emily Ann, of Detroit, was killed and her daughter, Elizabeth Ann, 16 years old, severely injured when the automobile in which they were riding tipped over in a ditch on Grand River avenue near the intersection of the street and the railroad tracks.

GEODES SCOUTS GERMAN COMPETITION IN TRADE

LONDON, Sept. 6.—A year of German commercial competition in the United States has been a year of intense rivalry between the German and American manufacturers.

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Prominent Wilson Man Leaves
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DR. WILLIAM F. KOCH

no recurrence of the cancer, the patients have been cured.

Although all spoke of Dr. Koch's treatment with that reserve which in discussing the value of another man's discovery of a disease treatment, marks the attentiveness of reputable physicians, jealous of their own professional reputations, they were unanimous in the opinion that Dr. Koch's treatment has shown remarkable results. That, from the viewpoint of the physician, caution in endorsing a "cancer cure" is natural, is emphasized by the statement of Dr. J. H. Carstens, and solemnly echoed by two others of the physicians interviewed, that "the man who discovers a cure for cancer will be the greatest man in the world."

BRILLIANT CHEMIST.

Dr. Alexander W. Blain, surgeon-in-chief of Jefferson clinic: "Dr. Koch is one of the most brilliant physiological chemists in the country. It is too early to say he has a cancer cure, and it should not be regarded as a 'cure-all' but as an adjunct to the treatment of cancer. No cure can be established until five years have shown there is no recurrence of the disease. But what he has done is this: He has made people well who were so far gone with cancer that they had only a few weeks to live. Several patients he treated for me are working hard and enjoying life a year after they should have been dead." Even if Dr. Koch gets no further with his work than he is now—and he is experimenting now with his fifteen mixture, I believe—even if he has not discovered an absolute cure for cancer, he has added years to the

lives of many who were about to die. I operated on her and took out such cancerous growths as were apparent. Later, the cancer grew again. Dr. Koch gave her four injections and she is now apparently entirely well. I have seen some excellent work done with radium, but never anything so remarkable as this. Dr. Koch should be given every opportunity to prove the value of his treatment."

Dr. C. Hollister Judd, president of the medical board, Women's Hospital: "When we stop to consider that one woman in every seven and one man in every 12 have cancer, the importance of the work Dr. Koch is doing can not be overrated, though it is too early to say that he has a cure for cancer. He has been working under many handicaps. The cases given him have been the 'hopeless' ones, where the surgeons saw the uselessness of impossibility of further operation, and his treatment has shown remarkable results."

SHOULD BE HELPED.

"Everything should be done to encourage him in his work. He should not be obliged to think for instance, of expense. Yet his serum costs him \$2 an injection, I believe. He ought to be given \$100,000 to carry on his work and he ought to have a ward in a hospital where he could concentrate his patients. Women's Hospital is arranging to give him 12 beds. Dr. Koch's work, which is still experimental, is important in this sense, he is studying cancer physiologically rather than pathologically. That is, instead of working on the cancer tissue of a dead person, he is working on patients who are alive. There might be a question as to which method

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ing up, causes fever, usually occurring about 12 hours after the injection of the serum. Cancer tissue absorbed also serves as nourishment. If the patient has been starved a long time because of the cancer, the stomach is large, cancerous, and the patient is very weak. Once killed, it supplies food for the patient, and actually gives strength to the patient. Cancers previously treated with X-ray or radium, however, are killed by the serum treatment. These products are very toxic, but only in some instances, to all the patients.

Dr. Koch's treatment will not, he says, cure cancers that have previously had X-ray or radium treatment.

TESTS READILY CURED

"I have treated 30 such cases and in every instance the treatment was a failure," he said. "Except that it is a matter of electron vibrations, I am in the dark as to the exact nature of the change in the cancer chemistry induced by X-ray or radium treatment. I am now trying to solve that problem."

Neither will Dr. Koch say that his serum will cure skin cancer, or breast cancer, or any other cancer of the skin. He has had results with skin cancer several times, he asserted, but I have not had enough experience with it to say that my compound will cure it. The compound was not constructed according to the chemistry of such growths. The material I used for analysis was starting the work as rectal and stomach cancer. The type of that response bent to the treatment are cancers of the liver, stomach, intestine, rectum and uterus, which are apparently rapidly and completely cured.

About ten injections of the serum, Dr. Koch says, will completely cure a stomach cancer as big as a man's head and stomach cancers are practically always inoperable.

BAD CASE CURED

"I had a woman patient last August," he said, "with a cancerous growth as large as a watermelon. She was too weak to walk and wanted to live, only until her son returned from France. I did not expect her to live a week. Today she is as well as any of us. It is the same with all stomach cancer I have treated; they are either cured or they are getting well. And the same is true of rectal and uterus cancers that have not been treated with X-ray or radium."

Will Dr. Koch's cases have been well advanced? It makes no difference in the success of the cancer treatment how near death the patient may be, he asserts.

"Just a long as the blood is circulating to carry the serum from the site of the injection through the growth, the compound will do its work," he said. "Of course some patients may be completely exhausted as to die, anyhow, or they may have some other fatal malady. If one of the patient's vital organs is destroyed, curing the cancer obviously will not save his life. He is likely to die before the cancer is cured."

CONFIRMED BY PHYSICIANS

The stomach, Dr. Koch says, although important, is not necessarily a vital organ.

According to Dr. Koch, not one case of cancer in the history of the world had been cured by medical treatment until he discovered his compound. Several Detroit physicians, whom Dr. Koch thanks in his paper, for their co-operation in his cancer treatment, have confirmed Dr. Koch's statement that he has established clinical cures of cancer in specific cases.

By clinically cured is meant, they explained, that insofar as can be determined without exploiting the patient by operation to justify a positive statement that no trace of cancer remains or by waiting five years to ascertain that there is

cancer, he has added years to the lives of cancer victims. There are nearly 300,000 victims of cancer in the country and if they could all have a few years of usefulness added to their lives, the saving to the country would be incalculable. What he has already done is a boon to humanity and a great step forward in physiological chemistry.

CONFIDENCE IN KOCH

Dr. Walter L. Hackett, visiting gynecologist and obstetrician, Women's Hospital, There is no question of Dr. Koch's sincerity and ability. It will take five years to determine whether or not he has a real cure for cancer, but I have enough confidence in his treatment to let him inject his serum into any cancer patient of mine. I had, as a patient, an old woman who was very far gone. At Koch's sugges-

tion, I gave her a ward in a hospital with a number of cases, proved beyond the shadow of a doubt, to be cancer. Then a commission of physicians should be appointed to watch the effect of Dr. Koch's treatment on the patients. If he had 100 cases of positively proved cancer and he established cures in 90 per cent. of the cases, he would be getting somewhere.

If he can cure 75 per cent of his cases—even if he has not a positive cure for all cancer—his discovery is a boon to humanity, for the man who discovers a cancer cure will be the greatest man in the world. One of the difficulties of curing cancer is that ordinarily it is not discovered until the case is too far advanced to be operated. Operations are successful if the cancer is caught early enough and if all the cancer cells are removed. If, however, a few of the cells escape and spread through the lymph tracts or the blood vessels to other parts of the body, the cancer will break out again and it is obvious that only a certain amount of tissue can be removed from the body.

WITHHOLDS FORMULA

Where a case has been operated and the cancer breaks out again, there is almost no curing it by further operation. The trouble with making any announcement of a cancer cure is that too much will be expected of it, as too much was expected of the X-ray and other innovations. The X-ray is of wonderful assistance in diagnosing, in locating foreign particles in wounds, obstructions of stomach or intestine, and in discovering broken or dislocated bones, but it is not a cure. Although people thought when the discovery was announced.

The establishing of a commission of physicians to study the progress

of a question as to which method is more interesting to the physician, but there is no question of which appeals more to the patient.

Dr. J. H. Cardenas: "He has apparently effected a cure. I am against it, but it is too soon to say this positively. I am against it, but I do not want persons afflicted with cancer to flock to Detroit for treatment when they will not be able to be taken care of. Dr. Koch will get all the cases he needs."

TOO EARLY TO PREDICT

Dr. G. H. Palmerlee: "Dr. Koch treated an old man for me. The growth seems to have reduced materially and the patient began feeling better after the first few treatments. It is too early to say that Dr. Koch has a cure for cancer. He should be

of the cases he treats is, Dr. Koch says, exactly what he wants.

"I do not want to make the formula public just yet," he declared. "Because I fear it might be commercialized. The compound is difficult to make and it deteriorates rapidly. If I published it and quacks or unscrupulous men started mixing it and treating cancer with it, the results would be disastrous, not only possibly to the patients, but to the ultimate success of the treatment. Improperly mixed or administered the compound would fail to do its work. It would be discredited by the medical profession and it would take years to establish its value. When I have proved to the satisfaction of the medical world that it does its work, it will be time enough to make the formula public."