Confidential

GHQ, Box 91
October 26, 1950

G. K. Foster
Montreal

Asbestos and Pulmonary Cancer

While Mr. Sabourin was in the office the morning of October 25, I arranged a meeting with him and Mr. Woodard to develop the mechanics for going ahead with the statistical study and the second part of the program recommended in your report, and approved at the Directors' Meeting of the Q.A.M.A. at Skytop, Penna., on October 23. This program is to be carried on under the direct responsibility of Saranac.

Mr. Woodard is to contact Dr. Lanza and then arrange a meeting at Saranac with Dr. Vorwald, this meeting to be attended by Dr. Lanza, Mr. Sabourin, and Mr. Woodard.

A. R. FISHER

cc J.P.Woodard-GHQ
I. Sahourin

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asbestosclaims.law/library/25388/1

E COPY

October 20, 1950

Dr. A. J. Vorwald, Director
The Saranac Laboratory
P. O. Box 551
Saranac Lake, New York

Dear Art:

Thanks for sending me a copy of the proposed program for the investigation of "Asbestos and Pulmonary Cancer," which came, while I was away, with your letter of October 4.

This subject is being given much thought, not only by ourselves, but, as you know, by the other members of the industry. Doubtless Dr. Smith or Dr. Cartier has told you that this is to be discussed with the group as a whole.

I believe there will be decisions looking toward the inauguration of a program in the very near future.

Yours sincerely,

J. P. Woodard

bc: A. R. Fisher

Confidential

October 20, 1950

A. R. Fisher

Asbestos and Pulmonary Cancer

Here is the copy of the Proposal dated September 21, 1950, that Dr. Vorwald sent to me. Attached also is George Foster's report to the Q. A. M. A., dated September 25, 1950, which he had sent to you.

The main points were covered when you, Dr. Lanza, and I discussed this yesterday and I have made marginal notes in both booklets that may be of interest to you. Some items were:

(1) Make the best possible epidemiological study by personnel well qualified in this field. Desirable to have this precede Saranac dust studies if possible, but not necessary. (Dr. Lanza says Dr. E. K. Hammond is known to be good.)

(2) It might be well to have estimates on years beyond the first and second since Saranac estimates the possibility of a five-year program. Doubtless these years would not be any more expensive than the second year at $10,000.

(3) Under Item 15, page 11, in the Saranac Proposal, there is the usual stipulation about publication of the results. This appears to be all right, but it would be desirable if representatives from Saranac would not make talks before groups bringing out information about the investigation that is not yet ready for publication. As you will recall, this has been done in the past and possibly cannot be prevented.

As to Mr. Foster's report, it seems to me that the idea of putting out truthful counter-propaganda is a good one in order to counteract some of the wild statements made on the other side. I presume, when he speaks of having our doctors lecture at medical schools, that this would be only on certain occasions and not so frequently as to interfere with our normal business.

Dr. Lanza agreed with my thought that we would do well to avoid forming an institute for industrial chest diseases with other mining associations for the obvious reason that we have relatively minor problems and might become identified with some very serious problems in the industry in general where workmen are dying of silicosis, siderosis, and other ailments of this kind.

J. P. Woodard

Enc-2

bcc-2 H. M. Jackson

FILE COPY

Take to Asbestos

October 9, 1950

Dr. A. J. Lanza
Institute of Industrial Medicine
N. Y. U.-Bellevue Medical Center
477 First Avenue
New York 16, New York

Dear Tony:

Attached, for your information, is a copy of Dr. K. W. Smith's letter of September 25 to Mr. C. M. McCaw, subject "Pulmonary Malignancy."

Yours sincerely,

J. P. Woodard

Enclosure

bc: H. M. Jackson (enc)

COPY

CONFIDENTIAL

Hospital
September 25, 1950

C. M. McGaw

Pulmonary Malignancy

Dr. Paul Cartier and I went to Saranac last Thursday night; on Friday we discussed this whole program and the Saranac Laboratory proposal with Dr. Vorwald. Saturday morning we went to Montreal and presented the Saranac proposal and our recommendations to G. K. Foster.

It is our belief that two lines of research should be followed. The first is the statistical study previously mentioned. We believe that this should be carried out by a Canadian, possibly with the help of some recognized United States statistician. Dr. O. H. Warwick, Director of the National Cancer Institute of Canada is a personal friend of mine and I have contacted him asking for his views and possible help in this statistical survey. Dr. Cartier and I are to meet Dr. Warwick in Montreal or here in Asbestos early in October.

The second line of research recommended was the institution of animal inhalation experiments at Saranac, the results to be coordinated with all the pathological, experimental, clinical, radiological and engineering information available in Saranac. The Trudeau Foundation has just received a grant for cancer research and are conducting inhalation experiments with aluminum, silica, iron and beryllium. If the asbestos experiments are approved, they will form a fifth part of this program of lung cancer caused by inhaled dusts.

Mr. Foster plans to summarize the programs and make his recommendations to the Q.A.M.A. at the October meeting.

Kenneth W. Smith, M.D.

KWS/h.n.

cc - K. V. Lindell

FILE COPY

Fu

10/25

October 6, 1950

Dr. A. J. Lanza
Institute of Industrial Medicine
New York University-Bellevue Medical Center
477 First Avenue
New York 16, New York

Dear Tony:

Attached is a proposal prepared by Saranac on the investigation of "Asbestosis and Pulmonary Cancer," which came to me along with the attached letter of October 4 from Art Vorwald.

Before I do anything further about this, I wonder if you will review it and give me your thoughts.

I'll be away next week on a much-needed vacation and, when I get back, hope to hear also from you about your trip to Waukegan.

Yours sincerely,

J. P. Woodard

Enc-2

bc: H. M. Jackson

Noted by AJL & returned to HMJ - 10/11/50
Dmth

COPY

THE TRUDEAU FOUNDATION
FOR THE CLINICAL AND EXPERIMENTAL STUDY OF PULMONARY DISEASE

Saranac Laboratory
Trudeau Laboratory
Trudeau School

Department of Biochemistry
Department of Physiology
Department of Radiology

October 4, 1950

Mr. J. P. Woodard
Johns-Manville Corporation
22 East 40th Street
New York 16, New York

Dear Page:

Attached is a proposal prepared by the Saranac Laboratory concerning an investigation of "Asbestos and Pulmonary Cancer," which we are pleased to forward to you for your consideration. This proposal is being submitted to you at the request of Dr. Paul Cartier and Dr. Kenneth Smith.

This study, we believe, is a very important one and we trust that you will give it your considered thought.

Sincerely yours,

/s/ Art

Arthur J. Vorwald, M. D.
Director

AJV:RH

enc

COPY

CONFIDENTIAL

Hospital
September 25, 1950

C. M. McGaw

Pulmonary Malignancy

Dr. Paul Cartier and I went to Saranac last Thursday night; on Friday we discussed this whole program and the Saranac Laboratory proposal with Dr. Vorwald. Saturday morning we went to Montreal and presented the Saranac proposal and our recommendations to G. K. Foster.

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Mr. Foster plans to summarize the programs and make his recommendations to the Q.A.M.A. at the October meeting.

KWS/h.n.

Kenneth W. Smith, M.D.

cc - K. V. Lindell

(Copy to A.J. Lanza & HMJ 10/9/50)

Confidential

September 1, 1950

A. R. Fisher

Industrial Hygiene - Asbestos
Asbestos and Lung Cancer

Dr. Cartier and Dr. Smith were here in New York several months ago and were later in Saranac discussing with Dr. Lanza and with Dr. Vorwald the matter of the proper program that would determine whether asbestos produces lung cancer.

Dr. Lanza was to suggest to Dr. Cartier and Dr. Smith what he thought would be the best approach, and Dr. Vorwald was to do the same. It was later to be determined what program would be undertaken.

Attached is my copy of the report made by Dr. Lanza to the two doctors.

After you have had a chance to review this report, would you please send it to Hugh Jackson, who can, in turn, give it to me.

J. P. Woodard

enc

cc: H. M. Jackson

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CONFIDENTIAL

Hospital
August 31, 1950

C. M. McGaw

Pulmonary Malignancy

I am enclosing copies of a letter and contract received from Dr. Lanza. It will be noted that Dr. Lanza has agreed with Dr. Cartier and I that the program should consist of two parts:-

1 - An epidemiological or statistical study
2 - Animal experiments consisting of:
(a) Inhalation experiments
(b) Implantation or injection

I still believe that the statistical study can be carried out by a Canadian authority and thus be more acceptable to various groups in this Province. Also, I believe that the best results from inhalation studies will be obtained through the Saranac Laboratory.

Concerning the Implantation Experiment Program proposed by Dr. Lanza, I believe that their methods are sound and the results will be sciontifcally interesting. I would prefer to make no decision until the Saranac proposal is received.

The contract appears to leave little choice to the Donor if the results of the study are unfavorable to Company interests and are submitted for publication. However, I fail to see how they can find anything more unfavorable than that which already has been published by Merewether and Heuper.

KWS/h.n.

Kenneth W. Smith, M.D.

CC - K. V. Lindell
G. K. Foster - Montreal

COPY

August 25, 1950

Dear Doctors Cartier and Smith:

On the basis of our discussion with yourselves this summer and further study of the problem, we should like to suggest the following for your consideration.

It appears that there are two distinct ways in which we may secure a more accurate understanding of the possible carcinogenicity of asbestos. The first of these is an epidemiological evaluation of present and past exposed populations. The second is animal testing of suspected materials.

With respect to the first of these, that is, the epidemiological study, it is suggested that before definite plans are made the value of such a study be determined by a visit to Thetford and Asbestos, at which time the available sources of information would be reviewed with you.

The second part, that is, the animal testing program, has several phases. As you know, there is now no technic by which we can, with certainty, evaluate the carcinogenicity of materials for lung tissue. Exposure by inhalation in cancer studies has not yet been extensively employed and is, at the moment, of completely unknown reliability. The Institute is at this time laying plans for the establishment of a long-range program involving a basic investigation of technics for the study of lung cancer arising by inhalation of carcinogens of many various types. A study based on inhalation of asbestos fibres, in our opinion, must be done. It is believed, however, that this study would be most effective if it were made a part of the larger program mentioned above which would be designed to test the validity of the technics employed, using a variety of known carcinogens and a variety of species. For these reasons, we believe that we will be in a better position to suggest concrete plans for inhalation studies in three or four months than we are now.

There remains, however, in the animal testing program the necessity for subjecting the materials to screening tests such as implantation with embryonic lung tissue and intratracheal injection.

These studies can be considered as indispensable preliminaries to any inhalation study planned on the same material, since they might very well provide a basis for selection of materials for use in the more elaborate inhalation studies. These the Institute could get under way any time after September 1st.

Such studies would involve exploratory implantation and/or injection of a group of materials to be determined jointly, using technics as now employed by Dr. William E. Smith. Such a study, which would include a number of materials, would come to about $10,000.00 for a one year study. Such a project would be carried out under a contract of the type enclosed.

In summary: (1) We suggest that the desirability of an epidemiological study be determined on the basis of a visit to your plants; (2) that definite plans for an inhalation study be deferred for three or four months; (3) that screening studies by implantation and/or injection be started immediately.

Sincerely yours,

A.J. Lanza, M.D.
Chairman
Institute of Industrial Medicine

AJL:lc
Encl.
C.C.: Mr. J. P. Woodard

12/28/49

AGREEMENT

THIS AGREEMENT, made as of , between

(hereinafter referred to as "The Donor"), and New York University, (hereinafter referred to as "The University").

WITNESSETH:

WHEREAS, The Donor wishes New York University, through its Institute of Industrial Medicine of the New York University-Bellevue Medical Center (hereinafter referred to as "The Institute"), to carry out investigative work on projects to be mutually agreed upon hereafter from time to time; and

WHEREAS, The University has approved such investigative work by said Institute,

NOW, THEREFORE, in consideration of the mutual promises hereinafter specified, IT IS AGREED:

1. The Institute shall carry out such investigations within the limits of its available facilities and scientific interests.

2. The Donor shall pay in advance the estimated cost of each project requested by The Donor and additional sums in advance from time to time as may be mutually agreed upon as necessary to complete the project. On completion of the work any unexpended balance will be returned to The Donor or, on mutual agreement, retained to be applied to a subsequent study.

3. The name of The University or of The Institute or of any member, officer or employee of The University or The Institute, shall not be used in any advertising matter referring to the investigation at any time during the progress of the work or thereafter. A written report shall be made of the

findings and such report or a photostatic copy thereof may be used by The Donor as evidence of the facts established.

4. Information to be furnished by The Donor or its affiliated companies to the staff of The Institute and results of The Institute's studies are confidential and The Institute will use its best efforts to see that such information is not disclosed, without The Donor's written consent, to persons other than those actually engaged in the investigations under this Agreement. It is appreciated that the results of such investigations may be of public and medical interest and it is understood that The University reserves the right to have members of The Institute publish the results of the experimental studies conducted by The Institute which are of public and medical interest, but that before any of the scientific results obtained in these studies are so published, a copy of the material to be published shall be submitted to The Donor at least thirty (30) days before publication for its comments or criticism. It is also understood and agreed that The Donor, or its affiliated companies will not be identified nor will proprietary names of its or their products be used in connection with such published results without The Donor's consent.

5. The investigative work on projects mutually agreed upon shall be planned and carried out by The Institute. It is agreed that The Donor shall have no responsibility for or control over the tests conducted or the work done in making these investigations. It is understood that The Donor will in good faith furnish information and/or access to plant activities which will be of assistance in the conduct of investigations under this agreement.

6. It is not contemplated that patentable inventions shall result from the investigative work under this Agreement and no member of The Institute shall be required to make an application for patent based on any invention,

discovery, or development resulting from any investigative work under this Agreement. However, it is understood that if any patents are obtained covering any inventions made in such investigative work, which patents are directly or indirectly owned or controlled by The University, The Donor and its affiliated companies will have a nonexclusive, nontransferable, irrevocable, royalty-free license under such patents.

7. This contract shall be continued until terminated at the end of any full contract year by either party giving to the other party written notice of termination at least sixty days prior to the end of such contract year, provided, however, that if any investigative projects are still being carried out hereunder at the end of any such contract year, such termination shall not be effective until sixty (60) days after the completion of such project.

IN WITNESS WHEREOF the parties hereto have executed this Agreement by their proper officers, respectively, who are hereby certified to have been duly authorized to execute the same.

ATTEST:

_____

_____
Secretary

By _____

NEW YORK UNIVERSITY

By _____
Vice Chancellor and Comptroller

FILE COPY

Confidential

General Headquarters
August 21, 1950

C. K. Foster - Montreal

Cancer Research

With my letter of August 17, replying to yours of July 28, I sent you a copy of Dr. Smith's memo of June 19 to C. M. McCaw.

In his letter, Dr. Smith mentioned that Dr. Lanza and his group would prepare a program for experimental studies, and that Dr. Vorwald at Saranac would do likewise. Upon receipt of the two programs, it was stated that he and Dr. Cartier would then be in a position to make recommendations that might guide the Q. A. M. A. It was understood that information would be supplied us here about the subject, too.

I have since seen Dr. Lanza, who apparently has not yet sent in his suggested program, and he doesn't know whether Saranac has. He is going to Saranac to a meeting of the Board of Directors within the next few days and will have the opportunity to discuss the matter with Dr. Vorwald.

When A. R. and I discussed this today, he mentioned that there may or may not have been time for a study of the programs to have been made so that a definite recommendation as to what should be done might be made, but you could at least report progress at this time in case it hasn't yet reached that stage.

Perhaps Dr. Smith has further information that I don't know of, and since he is getting a copy of this memo, he can pass on to you any other information that he may have now.

J. P. Woodard

cc: A. R. Fisher
K. W. Smith, M. D., Asbestos
C. M. McCaw, Asbestos
A. J. Lanza, M. D.

AJL: The meeting of the Q. A. M. A. is to be about September 20th. I judge your suggested program can be sent in shortly from what you said here the other day.

JPW

FILE COPY

Confidential

General Headquarters
August 17, 1950

G. K. Foster - Montreal

Cancer Research

Please excuse the delay in commenting on your letter of July 28, which was due to my inability to find a former letter which set up in preliminary fashion the idea that was to be followed.

Attached is a copy of a letter of June 19 from Dr. K. W. Smith to C. M. McGaw, which I am sending to you inasmuch as it appears that you did not receive a copy. This was Dr. Smith's suggestion as to the setting up of the program, and you will note he was to receive from Dr. Vorwald and from Dr. Lanza seperate suggested programs on the basis of which recommendations would ultimately be made to the C. A. M. A. Dr. Smith may have additional information since he wrote this letter.

I expect to see Dr. Lanza in a day or two and will ask him what he knows about it as of this time, and will pass on to you any information I may get.

We should like to be kept in touch with the developments and should hope we could have it reviewed with Dr. Lanza before a program is undertaken, provided that is considered the proper approach in the matter.

You mentioned that we are to bear a considerable portion of the expense, and inasmuch as Dr. Lanza is advising with us on such problems, I think it would be helpful if we could have his advice.

I have not discussed this with Mr. Fisher recently, but I believe his viewpoint is the same as that I have expressed here.

J. P. Woodard

ene

cc: A. R. Fisher

COPY

Hospital
June 19, 1950

C. M. McGaw

Pulmonary Malignancy

On June 12th Dr. Cartier and I visited Dr. Lanza at his Institute of Industrial Medicine in New York. We met Dr. Nelson of the Institute and Dr. William Smith of Memorial and Sloan-Kettering. The problem of asbestos and lung cancer was discussed and these men were asked if it would be possible to carry out some research in this field.

Materials to be used in any experiments would probably be:-

1 - Three types of pure fibre:-

(a) Vimy
(b) J-M or King
(c) South African Blue and Munroe

These fibres should be used in two lengths:

1 - Short - 2-3 microns
2 - Long - 15-50 microns

11 - Atmospheric asbestos and rock dust samples taken at the breathing level of workers in the mills.

Dr. Lanza and his group will prepare a program for experimental studies, the approximate length of time it will take for the study and the cost. Dr. Cartier and I will receive copies of this proposal.

On June 13th I visited Dr. Vorwald in Saranac Lake and asked him to submit a program similar to that of Dr. Lanza. When these two programs are received Dr. Cartier and I will be able to make recommendations to the Q. A. M. A.

Today it is impossible to say whether the research program should be carried out at Saranac or New York, or the two centres in collaboration. Possibly no animal experiments for publication should be contemplated today, but rather we should have a statistical survey of our men and x-rays as well as the general population in our two towns. No one knows the cause of cancer in the lung and it is impossible to correlate absolutely the findings in animals and humans in this field. For this reason it may be advisable first to study our people who live and work in the dust.

A further report will be made when the recommendations to the Q. A. M. A. are ready.

KWS/h.n.
cc - K. V. Lindell
A. R. Fisher, GHQ, Box 91
J. P. Woodard, GHQ, Box 91

Kenneth W. Smith, M.D.

706 Phillips Square, Montreal
July 28, 1950.

J. P. Woodard, General Headquarters.

With Mr. Sabourin I have been requested by the Q.A.M.A. to prepare a report dealing with a cancer research project for the Association. Specifically it would deal with cancer of the lung. You may have seen in a recent issue of "News Week" a statement that asbestos causes cancer of the lung.

In setting up and preparing this program for acceptance or rejection by the Association I think we should have the advice and council of Doctors Lanza and Voorwald, likewise it is my thought at the moment that we should utilize the facilities of the Saranac Foundation, realizing quite well, however, that they have no cancer experts.

I am certain that you will agree with me that in some manner the yearly cost of the project must be established, as well the time required since we cannot give carte blanche to this or any other research group to embark upon a program without knowing the expenditure, especially since our own company will have to pay 50% or more of the cost.

Your advice as to how to present this, and in conjunction with these men attempt to set up a program and to estimate its cost would be greatly appreciated.

If possible I would like to present the report to the Association at the Director's Meeting to be held some time after the middle of October, 1950.

G.K.F.

George K. Foster.

GKF/h.e.

cc - A. R. Fisher, GHQ.

FILE COPY

General Headquarters
June 22, 1950

K. W. Smith, M. D. - Asbestos

Asbestos and Lung Carcinoma

When you were here, the fact was mentioned that Dr. Lanza's set-up at the Bellevue Medical Center does not now provide dust rooms for making tests that require such facilities.

After our conversation, Dr. Lanza told me that he expects to have dust rooms for running such tests some time this fall, probably by November 1, at the latest.

In case you didn't have this information in connection with your consideration of tests that might be run, I thought you would be interested in having it. I do not know how extensive the facilities will be.

J. P. Woodard

cc: A. R. Fisher
C. M. McCrae - Asbestos
K. V. Lindell - Asbestos

CONFIDENTIAL

Hospital,
June 19, 1950.

C. M. McCaw

Pulmonary Malignancy

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A further report will be made when the recommendations to the Q.A.M.A. are ready.

KWS/h.n.

Kenneth W. Smith, M.D.

CC - K. V. Lindell
A. R. Fisher, GHQ, Box 91
J. P. Woodard, GHQ, Box 91

Confidential

Asbestos, Box #1500
June 7, 1950

J. P. Woodard - GHQ, Box 91

Industrial Hygiene - Asbestos
Yours of June 2nd

Doctors Smith and Cartier have arranged to be in New York next Monday morning, June 12th. Dr. Smith 'phoned Dr. Lanza and has made all necessary arrangements. Dr. Smith will be in touch with you while in New York to give you his impressions.

For your information, Mr. Lindell mentioned to Dr. Smith and I that the subject of cancer of the lungs was discussed at the Q.A.M.A. meeting last Monday and the Association went on record as favoring a cancer research program. The subject is to receive full discussion at their next meeting. No doubt they will appreciate receiving Dr. Smith's and Dr. Cartier's recommendations.

/M.

C. M. McCaw

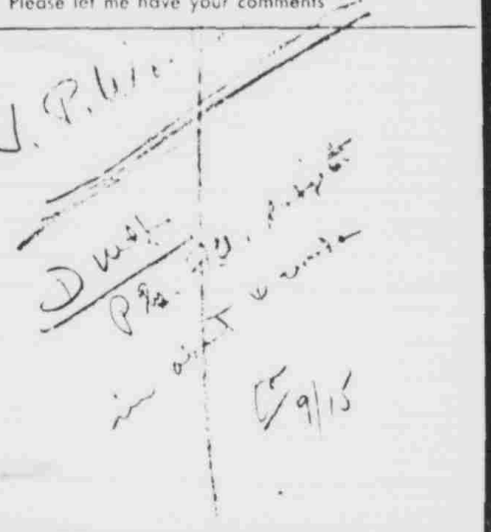
CC - K. V. Lindell
K. W. Smith, M.D.
A. R. Fisher - GHQ, Box 91

FROM: A.R. Fisher Date 2/6

TO:

- ☐ R. W. LEA
- ☐ N. O. AEBY
- ☐ S. COLLIER
- ☐ K. W. HUFFINE
- ☐ C. V. MILLER
- ☐ R. J. NEWBERRY

- ☐ Please note and return
- ☐ Please note
- ☐ Please handle
- ☐ Please let me have your comments



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