



19 June 1974

Dr. Arend Bouhuys
Yale University School of Medicine
Lung Research Center
333 Cedar St.
New Haven, Conn. 06510

Dear Doctor Bouhuys:

I would be pleased to visit with you on 1 July 1974 as we discussed on the telephone the other day. I will be arriving by train and should be there at about 11:00 A.M.

I look forward to meeting with you and discussing the asbestosis study.

Sincerely yours,

H.A. Sinclair, M.D.
Medical Director

HAG:jd

7/1/74 Discussion held re Dr. Bouhuys - (Dutch)
and adv. re. protocol for asbestosis
study. They would want to do computerized
hist. + pul. functions on site; med. dep'ts.
submit X-Rays for readings @ Yale after
local examina. of chest for rules & reading
of X-Ray, as well as, results to employee.
To allow a 1 yr. period for X-Ray +
exam. To send protocol & costs.

05710

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INTEROFFICE CORRESPONDENCE

DATE 14 June 1974

TO

C.C.

RECEIVED

JUN 17 1974

Mr. P.C. Krist

P. C. K.

Five Refinery Study of Asbestosis

I have been trying to interest Cornell University in supervising this study on asbestosis without results, so I wrote to Dr. A. Bouhuys at the Yale University Lung Research Center. Attached is a copy of his reply. He has invited me to go visit the school and his laboratory to discuss the project before he submits a formal protocol. I would like to do this on 1 July, if it meets with your approval.

OK

H.A. Sinclair

H.A. Sinclair, M.D.

HAS:jd
Attachment

6/17/74

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Yale University New Haven, Connecticut 06510

SCHOOL OF MEDICINE

333 Cedar Street

YALE UNIVERSITY LUNG RESEARCH CENTER

AREND BOUHUYS, Director

June 5, 1974

JUN 6 1974
H.A. Sinclair
Medical Director
Oil Corporation
East 42nd Street
New York, New York 10017

Dr. Sinclair:

Thank you for your letter of May 30, 1974. I would be very interested in doing a study for your company as well as for the other oil companies involved in the project.

With respect to the protocol, our experience has been with medical histories administered by trained interviewers (not physicians). I have looked into the possibility of self-administered interview questionnaires and have talked with a number of people about them. The general experience seems to be that a reasonably complete history often takes at least 45 minutes or an hour if self-administered; in contrast, our interviewer administered questionnaire only 10 to 20 minutes depending on the number of symptoms reported.

Whether or whether a complete physical examination is required. We feel that a physical examination for basal rates is a very important component of a search for a diagnosis but, unless there are other compelling reasons to do a complete physical examination. I feel that a more general physical examination can be omitted. With respect to the lung function test, we derive values for vital capacity, as well as additional measurements of maximum flow rates, from a flow-volume curve recorded with electronic equipment. We have a system that can do on-line and which provides a complete report for immediate review as well as on compatible tape for processing of group data. We feel that the use of such a system is preferable over the use of the Pulmonor. I would furthermore recommend that measurement of single breath diffusing capacity be included for persons with an abnormal chest X-ray and/or vital capacity less than 80% predicted value. I quite agree with your recommendations for X-ray review. I further recommend that the UICC Cincinnati classification be used in order to objectivate the reporting as much as possible.

It is certainly important to include control subjects from refinery offices and other groups. We will also have available control data from community studies in three different towns in the U.S., which allow us to determine rates for rural and urban dwellers, blacks and whites, males and females, smokers and non-smokers. Thus, we would be able to make a sophisticated assessment as to whether each particular individual's loss of lung function

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