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MELLON INSTITUTE, PITTSBURGH, PA.

FORM 77 2C

CLASSIFIED SUBJECT 436 4/52	FELLOWSHIP NUMBER NFC	FILE NUMBER 752
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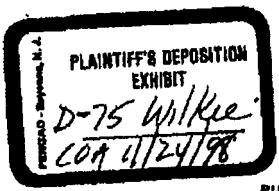
AUTHOR: **W. Behrens**
TITLE: **Experimental asbestosis.**

ORIG. REFS.:	VOL.	PP.	DATE	ABSTR. REFS.:	VOL.	PP.	DATE
Schweiz. z. allg. path. u. bakt.	14	275-97	1951	Bull. Hyg.	26	1181	12/51

ABSTRACT:

Pure chrysolite asbestos was injected intraperitoneally and intratracheally into mice and rats. The fibers varied from 5 to 180 microns in length. Unsuccessful attempts to secure fibers of standard length are described. The general picture is one of non-specific focal fibrosis resulting from the introduction of foreign bodies. No solution or toxic action of the asbestosis could be demonstrated. Asbestosis bodies were formed. The theories of the pathogenesis of asbestosis are discussed.

-- Cond. from Bull. Hyg.



DATE EXAMINED:	BY:	PURPOSE OF SEARCH:	CONT'D.
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CLASSIFIED SUBJECT 604 6/53	FELLOWSHIP NUMBER nfc	FILE NUMBER 752
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AUTHOR: **W. Behrens, Jr.**
TITLE: **The clinical picture and pathology of asbestosis.**

ORIG. REFS.:	VOL.	PP.	DATE	ABSTR. REFS.:	VOL.	PP.	DATE
Z. Unfallmed. u. Berufkrankh.	45	229-40	June 15, 1952	Bull. Hyg.	28	192	3-53

179-89 (Sept. 15, 1952)

ABSTRACT:

This paper presents an extensive review of literature on asbestosis including distribution and types of asbestos, its mining, treatment, and use, dust hazards, and effects of length of exposure of the dust in different concentration. Symptomatology, diagnosis, and x-ray findings in the different stages of asbestosis are described. Special mention is made of the association of asbestosis with carcinoma, which is much more frequent than that of silicosis. Post-mortem reports from the literature indicate that in 309 cases of asbestosis there were 44 lung carcinomas (14.2%), whereas in 2,204 cases of silicosis only 32 carcinomas were found (1.4%). The experience of the association of tuberculosis and asbestosis varies greatly in different countries. English investigators have recorded a high rate of tuberculous infection in asbestos workers, but it is a rare complication in America and the rate is low in Germany. The macroscopic and microscopic appearances of the lungs are described, and the nature and significance of asbestosis bodies are discussed and an extensive reference list dealing with that controversial subject is given.

-- Cond. from Bull. Hyg.