



# The Albany Medical College of Union University

Albany, New York

FOUNDED IN 1839

DEPARTMENT OF PATHOLOGY

April 28, 1975

**EXHIBIT**

4

Stuart De Vul, Esq.  
State of New York  
Workmen's Compensation Board  
State Office Building  
Syracuse, N. Y. 13202

Report Re

Elias Shipple, deceased  
vs Gouverneur Talc

WCB #67408168  
#67203967

Examination and Consultation performed at request of Dr. Frank C. Maxon, Jr.

Appended and Examined 25 histologic section slides all marked  
73-A-89 St. Lawrence County Laboratory"

The sections are those of an autopsy and disclose the presence of a squamous carcinoma, of rather variable morphology, from rather well differentiated squamous cells to rather anaplastic poorly differentiated cells. This carcinoma is present apparently as a primary carcinoma in a severely diseased lung, with metastases to the liver, kidney, and adrenal. There are very considerable calcium deposits in the kidneys suggesting the possibility of extensive bone involvement. There are sections which show only the cancer lying in masses of rather cellular very exuberant fibrous tissue and in one of these there is a mass of muscle which may be part of the diaphragm since in the adjoining tissue there are birefringent spiculate foreign bodies (see below). One section discloses a mass of malignant cells in the walls of a thin walled vessel full of thrombus and seemingly this is the pulmonary artery. In one section of the lungs there are pulmonary emboli present in vessels and these have been there for some time.

The heart shows massive hypertrophy of myocardial fibres and some fatty adiposity but no evidence of vascular disease. The liver shows cancerous metastasis both nodular and diffuse with some pigmentation and evidence of congestion of a chronic type.

The spleen is congested with hyaline changes in the blood vessel walls and some brown pigmentation in the vessel walls. The kidney shows cancerous deposits with calcific masses and many hyaline casts in the tubules, there is some arteriosclerotic changes and the changes of chronic congestion are also evident,

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A few of the tubules contain old pus casts but there is no severe pyelonephritis.

The adrenal glands contain metastases but show no other significant lesion.

One lymph node, of central type, shows a cancerous deposit and oleogranulomas indicating past diagnostic lymphangiography. The pancreas shows some fatty infiltration, some acinar atrophy and some islet hyalinisation, compatible with but not diagnostic of diabetes mellitus.

The major damage is to the lungs and these show a variety of lesions, these include diffuse and nodular fibrosis which is massive in the lower lobes, focal bronchiectasis, focal abscess formation, squamous carcinoma, focal areas of bronchopneumonia, diffuse and nodular pigmentation and areas of chronic pneumonia with bronchoalveolar metaplasia. In the upper lobes there is diffuse fibrosis, pigmentation and emphysema together with exuberant perivascular fibrosis. The larger bronchus in one section shows surrounding squamous carcinoma plus subepithelial spread of carcinoma. Underlying these terminal changes are those of a fibrosing pneumoconiosis or dust pneumonia producing pigmentation, nodular fibrous and accumulations of pigment. The alveoli and the fibrous tissue contain large numbers of pigmented spiculate fibres, probably iron containing. Some are long band like and with pigment spots, others short and spiculate, some free in alveoli or in septae, others are in pigmented macrophages. They are accumulating in such numbers as to fill some alveoli, virtually all are birefringent. A prolonged search has shown only a very few typical asbestosis bodies and the appearances are not those of asbestosis. Whatever dust he has been exposed to has produced a softer more cellular fibroblastic proliferation than is usually seen with silicosis or asbestosis.

J. W. A. Vance, M.D., D.Sc., F.R.C. Path.

**CERTIFICATION OF DEATH**

STATE OF NEW YORK

DEPARTMENT OF HEALTH

No. 266632

This is to certify that the person named on this certificate died on the date and at the place shown. This record of death was filed

DISTRICT NUMBER	4423	REGISTRATION NUMBER	110
NAME	Elias H. Shippee		
DATE OF DEATH	October 13, 1973	DATE OF FILING	October 15, 1973
PLACE OF DEATH (COUNTRY, CITY/TOWN OR VILLAGE)	St. Lawrence Village of Gouverneur		

*Merle E. Amadio*  
REGISTRAR OF VITAL STATISTICS

February 10, 1998

VS-58 (9-74) (7A2-107)

**WARNING: Any alteration invalidates this certificate**