

TABLE 2.—Mode of Exposure and Carcinoma

Mode of Exposure	No. of Cases (52)	No. With Tumor (10)
Fabricators	33	6
Process workers	9	3
Miners	6	1

available. Sections and eosin and with diagnosis had been exposure, gross ap- of diffuse interstitial stosis fibers and/or

ls of the ten cases exception all were a maximum num- tails of exposure carcinoma cases: six workers, and one lows the exposure ie total series: 33 workers, and six the distribution of . Fabricators in- spinners, and in- workers are those g asbestos fibers on of exposure of exception, was 12 al series the range 5 with less and 17 exposure.

showed various , three; anaplastic, two; alveolar cell thelioma of pleura, ible sites of origin,

ic, Sex, Exposure, Histology

tion	Histology
.	Anaplastic
.	Adenocarcinoma
.	Squamous
.	Endothelioma pleura
.	Adenocarcinoma
.	Squamous
.	Anaplastic
.	Alveolar cell
.	Squamous
.	Anaplastic

from main bronchi, distal air passages, to the pleura. The following cases have been previously published: case 3, Clinico-Pathological Conference, Massachusetts General Hospital, 1947; case 2, Isselbacher et al, 1953; and case 8, Jones Williams, 1957. In the present series, particular attention was focused on the bronchial epithelium. Five cases showed well-marked squamous metaplasia of main bronchi; three of these were associated with carcinoma but only one was squamous, and the other two were adeno- carcinomata. Four of the five showed well- marked bronchiectasis. I have previously discussed and illustrated (1957) changes in the peripheral alveolar epithelium in this series.

In ten of the 52 cases there was con- comitant tuberculosis (19.2%), all without carcinoma. With two exceptions, both having subapical cavitation, all showed extensive tuberculous bronchopneumonia which was the cause of death. In the majority, tuberculosis developed a considerable time after the diagnosis of asbestosis. Histo- logically, there appeared to be no modification of the tuberculous reaction by the underlying dust fibrosis.

Two of the ten had silicosis to a minor degree. One was an asbestos miner and the other was exposed to silica flour in the manu- facture of asbestos pipes. In the total series there were four others with silicosis, a total of six of 52 (11%).

Conclusion

This report records 52 American cases of asbestosis among whom there were ten pa- tients with malignant tumors, an incidence similar to that reported in Britain.

Many American pathologists permitted access to their material and records.

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