

SUMMARY

This man had suffered long occupational exposure to dust, some forty-three years all told, about twenty-two in a cotton mill, about twenty-one in an asbestos factory, with resulting fibrosis of extensive grade in the lungs and pleura, the apparent consequences being pulmonary circulatory and respiratory disability, with emphysema, bronchiectasis, and cardiac embarrassment.

As has been observed by us in other cases of asbestosis, one of which has been previously reported (6), the fibrosis of the lungs here bears the accepted characteristic mark of silicosis, that is, in addition to diffused fibrosis, there occurred the formation of hyaline fibrous nodules.

The pulmonary carcinoma appeared to originate from one of the branches of the bronchus to the right lower lobe, where squamous metaplasia of lining epithelium was observed.

The duration of the carcinoma cannot be specified. It was apparently of considerable time but certainly did not antedate fibrosis of the lung. A conception of its origin by reason of chronic bronchial irritation is compatible with the current view of the etiology of such tumors.

REFERENCES

1. PIROHAN, A., AND SIKL, H.: Cancer of the lung in the miners of Jáchymov (Jáchymstal): Report of cases observed in 1929-30, *Am. J. Cancer* 16: 681, 1932.
2. ROSTOSKI, SAUPE, AND SCHIMMEL: Die Bergkrankheit der Erzbergleute in Schneeberg in Sachsen ("Schneeberger Lungenkrebs"), *Ztschr. f. Krebsforsch.* 23: 360, 1926.
3. SIMPSON, S. L.: Primary carcinoma of the lung, *Quart. J. Med.* 22: 413, 1929.
4. SCHULTE, G.: Pneumokoniosen der Ruhrbergleute und Lungenkarzinom, *Fortschr. a. d. Geb. d. Roentgenstrahlen* 41: 444, 1930.
5. SAUPE, E.: Carcinoma of the lung in arsenic miners: two cases, *Arch. f. Gowerbepath. u. Gowerbehyg.* 1: 582, 1930.
6. LYNCH, K. M., AND SMITH, W. A.: Pulmonary asbestosis II, including the report of a pure case, *Am. Rev. Tuberc.* 23: 643, 1931.

LYI

(F)

Ly
dition
to ref

Th
her ad
in the r
of brea
appetit
nothing
Th
were oc
ocular
wore n
The top
were n
hard.
brownis
No othe
what er
Th
veins of
The liv
firm ma
of the
quadra
mass w
movabl
Th
tion, or
equal a
Th
negativ
red blo
Th
The dif
leukocy
On
they w
perform
mesente
of bloo