At autopsy the lungs were firm and weighed 3,350 gm. There was a poorly differentiated adenocarcinoma arising from the left lower lobe bronchus, almost completely replacing the left lower lobe. The tumor had spread to the left upper lobe, hilum, pericardium, pleura and diaphragm; and had metastasized to the right lung and adrenal. The remaining lung tissue showed peribronchial fibrosis, focal alveolar wall thickening and numerous asbestosis bodies, surrounded by macrophages filled with asbestosis body particles and foreign body giant cells. The asbestosis bodies were seen in equal distribution in all parts of the lungs not completely involved by tumor.

REFERENCES

1. Merewether, E. R. A. Annual Report of the Chief Inspector of Factories. London, 1947. H. M. Stationery Office.
2. Wyers, H. Asbestosis. *Post. Grad. M. J.*, 25: 631, 1949.
3. Gloyne, S. R. Pneumoconiosis. A histologic survey of necropsy material in 1205 cases. *Lancet*, 1: 810, 1951.
4. Vorwald, A. J. and Karr, J. W. Pneumoconiosis and pulmonary carcinoma. *Am. J. Path.*, 14: 49, 1938.
5. Vorwald, A. J. Personal communication, 1952.
6. Graham, E. A. Primary cancer of the lung with special consideration of its etiology. *Bull. New York Acad. Med.*, 27: 261, 1951.
7. Wynder, E. L. and Graham, E. A. Tobacco smoking as a possible etiologic factor in bronchogenic carcinoma. *J. A. M. A.*, 143: 329, 1950.
8. Doll, R. and Hill, A. B. Smoking and carcinoma of the lung. Preliminary Report. *Brit. M. J.*, 2: 739, 1950.
9. Ochsner, A. and DeBakey, M. E. Carcinoma of the lung. *Arch. Surg.*, 42: 209, 1941.
10. Ochsner, A., DeBakey, M. E., DeCamp, P. T. and Ray, C. J. Bronchogenic carcinoma. *J. A. M. A.*, 148: 691, 1952.
11. Lanza, A. J. Personal communication, 1952.
12. Lanza, A. J. Silicosis and Asbestosis, p. 386. New York, 1938. Oxford Univ. Press.
13. Idem, p. 327.
14. Wood, W. B. and Gloyne, S. R. Pulmonary asbestosis. *Lancet*, 1: 445, 1930.
15. Merewether, E. R. A. and Price, C. W. Report on the Effects of Asbestos Dust on the Lungs and Dust Suppression in the Asbestos Industry. London, 1930. H. M. Stationery Office.
16. Case Records of the Massachusetts General Hospital (case 38221). *New England J. Med.*, 246: 867, 1952.
17. Merewether, E. R. A. A memorandum on asbestosis. *Tubercle*, 15: 69, 109, 1933; *Tubercle*, 15: 152, 1934.
18. Vorwald, A. J., Durkan, T. M. and Pratt, D. C. Experimental studies on asbestosis. *Arch. Indust. Hyg.*, 3: 1, 1951.
19. Gloyne, S. R. Reaction of tissues to asbestos fibre, with reference to pulmonary asbestosis. *Tubercle*, 11: 151, 1930.
20. Gardner, L. U. Etiology of pneumoconiosis. *J. A. M. A.*, 111: 1925, 1938.
21. Gardner, L. U. and Cummings, D. E. Studies on experimental pneumoconiosis: vi. Inhalation of asbestos dust; its effect upon primary tuberculous infection. *J. Indust. Hyg.*, 13: 65, 97, 1931.
22. Cooke, W. E. Asbestos dust and the curious bodies found in pulmonary asbestosis. *Brit. M. J.*, 2: 578, 1929.
23. McDonald, S. Histology of pulmonary asbestosis. *Brit. M. J.*, 2: 1025, 1927.
24. Stewart, M. J. and Haddow, A. C. Demonstration of the peculiar bodies of pulmonary asbestosis (asbestosis bodies) in material obtained by lung puncture and in the sputum. *J. Path. & Bact.*, 32: 172, 1929.
25. Gloyne, S. R. The presence of asbestos fibre in the lesions of asbestos workers. *Tubercle*, 10: 404, 1929.
26. Stewart, H. L., Butcher, C. L. and Coleman, E. H. Asbestosis, two cases. *Arch. Path.*, 12: 909, 1931.
27. Wood, W. B. and Sloyne, S. R. Pulmonary asbestosis. *Lancet*, 2: 1383, 1934.
28. Lynch, K. M. Pulmonary asbestosis. *J. A. M. A.*, 109: 1974, 1936.
29. Symposium on the treatment of chronic beryllium poisoning with ACTH and cortisone. *Arch. Indust. Hyg.*, 3: 543, 1951.
30. Baldwin, E. DeF., Cournand, A. and Richards, D. W., Jr. Pulmonary insufficiency. i. Physiological classification, clinical methods of analysis, standard values in normal subjects. *Medicine*, 27: 243, 1948.
31. Baldwin, D. DeF., Cournand, A. and Richards, D. W., Jr. Pulmonary insufficiency. ii. A study of thirty-nine cases of pulmonary fibrosis. *Medicine*, 28: 1, 1949.
32. Baldwin, E. DeF., Cournand, A. and Richards, D. W., Jr. Pulmonary insufficiency. iii. A study of 122 cases of chronic pulmonary emphysema. *Medicine*, 28: 201, 1949.
33. Austrian, R., McClement. J. H., Renzetti, A. D., Donald, K. W., Riley, R. L. and Cournand, A. Clinical and physiologic features of some types of pulmonary diseases with impairment of alveolar capillary diffusion. *Am. J. Med.*, 11: 667, 1951.
34. Lynch, K. M. and Smith, W. A. Pulmonary asbestosis iii. Carcinoma of lung in asbestosilicosis. *Am. J. Cancer*, 24: 56, 1935.
35. Gloyne, S. R. Two cases of squamous carcinoma of the lung in asbestosis. *Tubercle*, 17: 5, 1935.
36. Gloyne, S. R. A case of oat cell carcinoma of lung occurring in asbestosis. *Tubercle*, 18: 100, 1936-37.
37. Egbert, D. S. and Geiger, A. J. Pulmonary asbestosis and carcinoma. Report of a case with necropsy findings. *Am. Rev. Tuberc.*, 34: 143, 1936.
38. Nordmann, M. Der Berufskrebs der Asbestosarbeiter. *Ztschr. f. Krebsforsch.*, 47: 288, 1938.
39. Lynch, K. M. and Smith, W. A. Pulmonary asbestosis. v. A report of bronchial carcinoma and epithelial metaplasia. *Am. J. Cancer*, 36: 567, 1939.
40. Koelsch, F. Lungenkrebs und Beruf. *Zentralbl. f. Gewerbehyg.*, 27: 32, 1940.