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MALIGNANCIES—LIEBEN

TABLE 2.—Summary of Cases Studied

Case	Birth	Death	Type of Tumor	Length of Employment in Asbestos	Type of Employment	Smoking	Remarks
1	1911	1962	Bronchogenic carcinoma, histologic type unspecified	1935-1957	Yarn twisting 1934-1962	12-15 cigarettes	
2	1906	1959	Squamous cell bronchogenic carcinoma	1923-1959	Weaver 1929-1959	1 pack/day	
3	1898	1958	Squamous cell bronchogenic carcinoma	1918-1928	Breakline weaver 1918-1928	No cigarettes	30 yr foundry work
4	1907	1961	Oat cell bronchogenic carcinoma	1927-1957	Weaving and later loom fixer	No cigarettes	
5	1895	1961	Squamous cell bronchogenic carcinoma	1947-1961	Laborer sweeper, picker bouse	1 pack+/day	Also cirrhosis of liver
6	1901	1956	Bronchogenic adenocarcinoma	Only 6 mo 1919	Weaver—later lath foundry worker	Cigars only	Probably not due to asbestos
7	1901	1957	Anaplastic bronchogenic carcinoma	8 mo only in 1923	Area unknown, later hotel operator 1923-1957 Linotype operator 1921-1923	No cigarettes	Probably not asbestos
8	1895	1956	Bronchogenic carcinoma, histologic type unspecified	1925-1937	Carding room, gardening for 19 yr thereafter	1 pack/day	
9	1897	1958	Squamous cell bronchogenic carcinoma	1922-1954	Weaver 1922-1954	Less than 10 cigarettes/day	
10	1906	1961	Alveolar cell carcinoma of the lung	1950-1960	Friction materials, laborer on lathe	Unknown	
11	1895	1960	Carcinoma of the lung, origin and type unknown	1926-1960	Inside driver in weaving room	No cigarettes	Diagnosis from hospital record no autopsy
12	1903	1956	Lung tumor, x-ray diagnosis	1919-1955	Loom fixer, machine shop foreman, toolmaker	2-3 cigarettes/day	
13	1907	1961	Anaplastic bronchogenic carcinoma	1928-1961	General foreman—spinning before last job	No	
14	1901	1961	Intra-abdominal adenocarcinoma, origin unknown	1934-1942	Most of the time in friction products, spinning 1932-1937, later upholsterer	1 pack/day	
15	1894	1956	Carcinoma of the colon	1922-1956	Weaver	5-10 cigarettes/day	
16	1884	1950	Lymphatic leukemia, chronicity unknown	6 mo only 1941	Sweeper and laborer June 12, 1941 Mechanics helper for 45 years for trucking company	No	Probably not due to asbestos
17	1901	1962	Malignant lymphoma	1926-1942	Carding room supervisor	No cigarettes, little pipe	
18	1888	1954	Chronic lymphatic leukemia	1938-1947	Laborer—handtrucker—supplied weavers with spools; farmer till 1937, sexton at church till death	Very few cigars only	8 coronaries
19	1877	1960	Acute leukemia, type unknown Carcinoma of throat, origin and type unknown	1922-1949	Shipping room only	5-10 cigarettes/day	1 asbestos
20	1895	1958	Multiple myeloma Carcinoma of prostate, metastatic	1935-1957	Weaver—loom fixer, textile foreman 1935-1947, packing mill 1947-1957	Pipe only	
21	1884	1957	Carcinoma of bladder	1917-1937	Supervisor friction mill 20 years 1917-1937, ice cream maker 20 years 1937-1957	1 pack+/day	

study all 21 had died. Ten of these cases have also been reported by O'Donnell in a

paper which appeared in *Cancer* in August 1966.⁴ Thirteen of these had lung cancer