

# **Tumore polmonare in donna non fumatrice con esposizione professionale ad amianto: descrizione di un caso clinico**

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## **KEY WORDS**

Asbestos; non-smokers; asbestosis; lung cancer

## **SUMMARY**

«*Lung cancer in a female non-smoker with occupational exposure to asbestos: a case report*». **Background:** *Until recently, asbestos was widely used in a variety of industrial processes. Workers exposed to asbestos may develop lung and pleural diseases such as asbestosis, lung cancer, benign pleural effusion, pleural plaques and mesothelioma.* **Objective:** *To describe a clinical case of lung cancer in a female non-smoker with occupational exposure to asbestos.* **Methods:** *The clinical and occupational history was based on the information kindly provided by the Occupational Unit of the National Health Service and on the case history of a hospital admittance in 2001, when the patient underwent surgery for lung cancer.* **Results:** *The patient worked for 6 years in an asbestos manufacturing industry where she was exposed to high concentrations of asbestos, and then worked for 14 years in a sugar refinery only during the summer. She had benign pleural effusion, pleural plaques, asbestosis and lung cancer.* **Conclusions:** *We concluded that a six-year exposure to high doses of asbestos may induce lung cancer and asbestosis in a female non-smoker.*