

Title:

Understanding The Relation Between Asbestos Exposure And Mesothelioma Lung Cancer

Word Count:

415

Summary:

An understanding of asbestos is necessary before we try to understand mesothelioma lung cancer. Asbestos, a natural fibrous mineral, used commonly in construction process and manufacturing industries is detrimental to human health. Continuous inhalation of its fibers enhances the susceptibility to respiratory disorders and can lead to many dangerous diseases. A leading example of such dangerous disease is Mesothelioma lung cancer. Actually, mesothelioma lung cancer is misnome...

Keywords:

Article Body:

An understanding of asbestos is necessary before we try to understand mesothelioma lung cancer. Asbestos, a natural fibrous mineral, used commonly in construction process and manufacturing industries is detrimental to human health. Continuous inhalation of its fibers enhances the susceptibility to respiratory disorders and can lead to many dangerous diseases. A leading example of such dangerous disease is Mesothelioma lung cancer. Actually, mesothelioma lung cancer is misnomer because mesothelioma cancers affect the lining of lungs (pleura) and abdomen and not the lungs. Since mesothelioma cancers mostly affect the lining of the lungs, it is generally called mesothelioma lung cancer. The workers who had worked in industries such as shipbuilding, asbestos mining, and asbestos production are vulnerable to mesothelioma cancers.

Mesothelioma and the Role of Carcinogens:

What is mesothelioma cancer and how does the lining of the lung become cancerous? Cancer is a tumor that is malignant in nature. Tumor is formed when there is abnormal cell division and cell multiplication in the cancerous cells. Exposure to carcinogens or cancer-causing material like cigarette smoke, asbestos and silica dust is instrumental in this abnormal cell division and formation of tumor.

Mesothelioma cancer is directly linked to asbestos exposure. However, those

already exposed to asbestos have a greater chance of developing lung cancer if they are exposed to other carcinogens such as cigarette smoke. A study reports that the workers with a history of asbestos exposure and cigarette smoke are more prone to lung cancer than the non-smokers and those with no history of asbestos exposure.

Complications Associated with Mesothelioma Cancer:

Normally, the latency stage for asbestos-related diseases in general and mesothelioma cancers of the lining of lung in particular, 20-50 years, which makes detection of Mesothelioma a complicated issue. This situation is further aggravated particularly where the worker is also addicted to cigarette smoking. By the time, the disease shows its symptoms, a considerable exposure to additional carcinogens linked to cigarette smoking has already taken place. This makes a worker more vulnerable to lung cancer besides the vulnerability to mesothelioma cancers.

Mesothelioma Cancers and Legal Redress:

The Government is conscious of the ill effects of asbestos exposure and the seriousness of mesothelioma cancer. The employees working in factories with significant risk of asbestos exposure are eligible for Mesothelioma compensation, if the exposure is the cause of Mesothelioma. There has been a spate of lawsuits for seeking compensation for mesothelioma and lung cancers. In many cases, the courts have awarded heavy sums as compensation against the asbestos manufacturing companies.