

SHOULDER RING COMPLAINTS AS A RARE FIRST SYMPTOM OF MALIGNANT PLEURAL MESOTHELIOMA.

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Background:

Rural areas of Powiśle Dąbrowskie are also asbestos exposition areas. It results in an increased prevalence of malignant pleural mesothelioma.

The aim of this paper was a retrospective analysis of shoulder pain as a rare, first symptom of pleural mesothelioma, which constitutes an interdisciplinary diagnostic problem in both areas- ortopaedics and pulmonology.

Material and Methods:

The study group included 7 patients with shoulder pain as the first symptom of mesothelioma and the control group consisted of 42 mesothelioma patients, without this symptom. The considered period of time included years 2006- 2012. All the research was based on review of patients' medical records.

Results:

The shoulder pain (on average 3,9/ 10 in numerical scale) was the first symptom of pleural mesothelioma in 7 patients (14,3%). Simultaneous limitation of mobility was observed in 5 subjects (10,2%). In one case limitation of motion and disfunction of shoulder joint were in advanced stage. The neuralgia of upper limb long nerves was assessed in two cases.

Conclusion:

One of multiple malignant pleural mesothelioma manifestations might be a shoulder pain. It means that this neoplasm appears to have a pleiotropic effect on human body, defined as many different ways of its primary manifestation. In this case also in the motor system.