# A RARE CASE OF EPITHELIOID GEMANGIOENDOTHELIOMA OF LUNG: A CLINICAL CASE

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*Abstract*

Epithelioid gemangioendotheliama (EGE) belongs to a very rare vascular tumor entity with a prevalence of less than 1 % of all vascular neoplasms. Histologically it has both epithelial cell and histiocyte features. The tumor originates from vascular endothelium cells or their precursors.

EGE is a low-grade malignancy tumor within the range of endothelial neoplasms. Considering its clinical course and high mortality, it is now recognized as doubtlessly malignant tumor.

Being located in thoracic cavity EGE may affect not only lung parenchyma, but pleura and mediastinum as well. Lung EGE is usually presented by multiple parenchymal nodules. Isolated pleural involvement is, as a rule, associated with pleural effusion, mimicking malignant mesothelioma. Extrathoracic localization of EGE is limited by liver, long bones, vertebral and body soft tissue lesions.

Since EGE belongs to extremely rare vascular tumors, the literature data, describing its clinical presentation and diagnosing, are presented only by clinical case reports. There were no randomized clinical trials, dedicated to the development of effective treatments of this condition. Survival data is varying in very wide range — from couple of months to 5 years after the diagnosis.

The article presents the case of EGE, which is different from the early published reports mainly by total lung involvement. While the multiple nodules of gemangioendothelioma were described in number from one to tens, the current case shows the lesions in almost all secondary lobulae: none of lung parenchyma area left unaffected.

***Key words:*** epithelioid gemangioendothelioma of lung, diagnosing.

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