

## Computer processing of lung scintigraphic images

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### **Abstract**

The authors have developed the methods of computer processing of scintigrams allowing to objectify the state of capillary blood flow in lungs by a set of computer parameters: the spectral characteristics of activity nonuniformity and the measure of perfusion deficiency. The results of clinical studies, confirming high efficiency of the developed algorithms, are presented.

**Keywords:** lung scintigraphic, computer processing, image, capillary blood, perfusion deficiency, nonuniformity.

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