

INDICES OF PHAGOCYtic ACTIVITY OF MACROPHAGES AND CYTOKINE PROFILE IN THE BRONCHOALVEOLAR SECRETION IN PATIENTS WITH COMMUNITY-ACQUIRED PNEUMONIA IN COMBINATION WITH HEPATIC STEATOSIS

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Summary

The article presents an analyzes of the indices of metabolic and phagocytic activity of alveolar macrophages (AM), the content of pro-inflammatory (IL-1 β , IL-6, TNF- α) and anti-inflammatory (IL-4, IL-10) cytokines in the bronchoalveolar secretions (BAS) in patients with community-acquired pneumonia (CAP) in combination with hepatic steatosis (HS). It was found that chronic liver failure has a negative effect on the metabolic and phagocytic activity of AM, causing the disturbances of cytokine profile of BAS as well. Conventional therapy of CAP patients with HS did not lead to fast improvement of metabolic and phagocytic activity of AM, normalization of pro-inflammatory and anti-inflammatory cytokines balance. There was no full restoration of above mentioned parameters upon completion of therapy.