

# EVALUATION OF EFFECTIVENESS OF DIFFERENTIATED IMMUNOCORRECTION USING PHYTOMEDICINES IN THE MEDICAL REHABILITATION OF COMMUNITY-ACQUIRED PNEUMONIA RECONVALESCENTS ON THE BACKGROUND OF HEPATIC STEATOSIS

**R. V. Razumnyi**

## *Abstract*

Different immunological disorders are often observed in patients with of hepatic steatosis (HS), who have recovered from community-acquired pneumonia (CAP).

The aim of the study was to evaluate the effectiveness of differentiated immunocorrection (DI) using phytomedicines in patients, recovered from CAP on the background of HS.

We examined 144 patients (66 males, 78 females, 42–60 years of age) with immunity disorders: T-lymphopenia, T-lymphocyte sub-population imbalance, mostly a decrease of circulating blood T-helpers/inducers along with moderate decrease of CD8+ lymphocytes, decrease of CD4/CD8 index, reduction of LBTR with PHA, reduced phagocytic activity of monocytes. All patients were previously tested for susceptibility of immunity cells (such as T-lymphocytes and monocytes/macrophages) to a panel of immunological medicines. Based on immune response during the course of medical rehabilitation 37 patients received complex phytomedicine alfagin, 35 patients – bronchipret, 32 patients – imupret. Patients of control group received essential phospholipids and multivitamins.

Repeated immunological examination after completion the course of DI demonstrated the positive effect of modern complex phytomedicines on the studied immunological parameters. Some patients from control group still had lymphopenia, significantly decreased CD4-lymphocyte count, decreased CD4/CD8 and LBTR with PHA indeces.

**Key words:** community-acquired pneumonia, hepatic steatosis, ummunocorrection, phytotherapy.

**Ukr. Pulmonol. J. 2013; 1: 31–37.**

*Roman V. Razumnyi  
Lugansk State Medical University  
Internal medicine and occupational disease chair  
Associate professor  
91045, 1G, 50-richia Oborony Luganka str.  
Tel.: 380642630231, pulmon@mail.ru*