

## **VEN-analysis of rheumatoid arthritis pharmacotherapy**

*Altaleh Kader Afif*

*National University of Pharmacy, Kharkov*

*Научный(-е) руководитель(-и) – phd, associate professor Gerasymova Olga Alexandrovna,  
National University of Pharmacy, Kharkov*

### **Introduction**

Conducting clinical and economic analysis of pharmacotherapy in real clinical practice is appropriate for assessing the quality of pharmacotherapy and for determining the approaches to the rational use of medicines.

### **Aim of study**

to determine the need of medicines prescriptions for the treatment of patients with rheumatoid arthritis in one of health care institutions in Kharkov

### **Materials and methods**

To achieve this goal, 86 disease histories of patients with rheumatoid arthritis aged 38 to 63 years (35 men and 51 women) were analyzed. The duration of the study is 2017. Patients were on inpatient treatment on average for 12 days. Supplementary clinical and economic method - VEN - analysis was used. VEN-analysis has been carried out according to the “formal feature”, that is, the existence of medicines in current State Formulary of Ukraine (the 9-th issue). Being in this document, medicine got the index “V”, not being in this State Formulary of Ukraine – “N”.

### **Results**

According to the disease histories of patients with rheumatoid arthritis 35 trade names of medicines (20 international non-patent names) from 13 pharmacological groups have been determined. Following diagnoses were indicated in disease histories of researched patients: chronic gastroduodenitis, iron deficiency anemia, hypertonic disease, chronic pancreatitis, chronic obstructive pulmonary disease, duodenal ulcer, ischemic heart disease, chronic colitis. According to “formal” VEN-analysis the most part of all medicines which were prescribed to the patients with rheumatoid arthritis was given in State Formulary of Ukraine that consisted 90.84 %. Trade names with index N are representative of aminoquinolines «Delagil», immunosuppressant «Imuran», enzyme preparation «Festal»

### **Conclusions**

According to the results of VEN-analysis the real pharmacotherapy, prescribed to patients with rheumatoid arthritis in researched health care institution of Kharkov, in general, can be considered as rational from clinical points of view. But the outcomes show the urgency of the further correction of pharmacotherapy of the patients with rheumatoid arthritis according to State Formulary of Ukraine.