

## The effectiveness of electronic copies of Neupogen and Zofran in cancer sick

Gorbenko S.V.

(West Kazakhstan Regional Oncological Dispensary, Uralsk,  
Kazakhstan)

In the course of chemotherapy, complications such as nausea, vomiting and leukopenia are very common. Drugs that stop vomiting (zofran, novoban, etc.) are quite expensive and are not always available in the mass practice of an oncologist. The same problems with drugs that stop leukopenia (granocyte, neupogen, leukomax). I have conducted research to study the effectiveness of electronic copies of Zofran and Neupogen. For a number of years, the recording was carried out on an autonomous device "IMEDIS-BRT-A": the original was in 2 containers, the recording was made in 1 container on a carrier - homeopathic crumbs or sterile saline in ampoules. Recording time is 5 minutes. Copies were prepared immediately before use. Various recording techniques were used: transfer mode, automatic BRT, last year - a fast automatic machine with a delay of 1 minute on the potentiometer scale, starting from 1 to 9. The use of copies of Zofran - 192, the efficiency of copies - 79%. There were 19 cases of using copies of Neupogen, the efficiency of copies was 73%.

### Conclusions:

1. The effectiveness of electronic copies in practice of an oncologist, further research is needed on electronic copies of expensive and highly effective drugs (rituximab, trastuzumab) in order to increase their effectiveness and accessibility to a wide range of cancer patients (now less than 1% of patients receive them).

2. The legal issues that inevitably arise in such a case should already now try to solve with copyright.

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