

Pronina D. A.

TOPICAL PROBLEMS IN MODERN PHARMACEUTICAL INDUSTRY

Scientific supervisor teacher Tikhonovitch I. I.

Department of Foreign Languages

Belarusian State Medical University, Minsk

The study is based on the review of some Internet resources data concerning the topical problems in pharmaceutical industry engaged in development, manufacturing and marketing of drugs, biological substances and medical devices.

Like any other branch of the medical industry it works for the benefit of man. But due to the relevance and profitability, it is used by some people to achieve their goals, including hiding negative clinical trial results. Besides, the profit interests of a pharmaceutical company and the interests of the consumers do not often match up.

Other most crucial problems are also the following: frequent exclusion of elderly patients from premarketing clinical trials of new medications. This fact limits the knowledge regarding the safety and efficacy of individual medications for aging population.

Moreover, the most common chronic condition that older adults experience is multimorbidity, with two of every three older adults having multiple chronic conditions. Therefore, it is critical to understand the risks and benefits of medications for such patients.

Despite this, a recent study showed that of 190 clinical trials that considered multiple chronic conditions in the selection process, 94% excluded older patients – i.e., the very patients who have the most to benefit from therapy and in whom the doctors know the least about medication safety.

One more problem is online pharmacies designed for the convenience of people, but there is clear evidence that some of them sell potent medicines without requiring a prescription, though it may be dangerous, since only doctors can reliably assess contradictions, risk and benefit ratios.

In conclusion, products of the pharmaceutical industry are in great demand among the population, but many efforts aimed at the elimination of the above problems need to be made to satisfy all needs of the consumers.