

## **MODERN PREPARATION OF MEDICINES AT PHARMACIES OF UKRAINE**

AbedAlwahab Kawtharani, Dankevych O.S.  
The National University of Pharmacy, Kharkiv, Ukraine  
tlnfau@rambler.ru

Compounding is the creation of a drug product by mixing ingredients. For hundreds of years this was the exclusive way pharmacists practiced. However, as professional manufacturing developed, compounding decreased. Fifty years ago, about 60% of medications were compounded. Today, only about 1% of new prescriptions are compounded, but compounding may be undergoing a resurgence.

Moreover, medical representatives of different pharmaceutical companies, who promote their products to the market, exert a significant influence on prescribing of medicine by doctors.

January 18, 2013 on the website of the Ministry of Health of Ukraine on medicine has been posted a draft order of Ministry of Health of Ukraine "On amendments to the license terms of an economic activity in manufacture, whole- and retail sale of medicine" concerning the requirements to activity of pharmacies. The document also noted that every tenth pharmacy must manufacture extemporaneous medicine. As of 29.01.2013, the total number of pharmacies in Ukraine made up 15092. On conditions that each tenth pharmacy must have a license of extemporaneous manufacture, according to the draft order, then there should be about 1.5 thousand pharmacies that manufacture extemporaneous medicine in Ukraine.

On 01/01/2013 the total number of pharmacies, which have a right to an extemporaneous manufacture made up 433. The leader of this index is the capital, which represents 69 pharmacies that have a license of extemporaneous manufacture. Among the regional centers 19 and more of such pharmacies are presented in Lviv and Kharkiv. It is worth being noted that there are pharmacies in all regions of Ukraine that manufacture medicine.

Manufacturing pharmacies of Ukraine make various medicines prescribed by doctors and at the request of medioprofilactic institution. Depending on the establishments being served (clinics, hospitals, health resorts, orphanages, etc.) a range of extemporaneous medicine in each pharmacy is individual. If there is an orphanage or a care establishment next to a pharmacy, then the major part in receipt occupy solid dosage forms for oral use. When hospitals are being served – dominate parenterale medicines. If institute of dermatovenerology is being served - soft and liquid forms for external use are made more often.