To the question of the range of phytomedicines on the Ukrainian pharmaceutical market

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Phytomedicines occupy a significant place among medicines of conventional medicine. They show the following advantages: polyvalent effect, acceptable prices, their use may be longterm, etc., in comparison with medicines of the synthetic origin [2, 3].

The Reference book of medicines of Ukraine (04/01/2013), section "Herbal medicines", includes more than 1000 names of phytomedicines. In the current research 992 medicines (substances and medicines in bulk were excluded).

Phytomedicines are divided into medicines of the plant origin ("any finished medicinal product containing active substances from one or more plant substances, or active substances from one or more plant substances in combination with other medicinal products") and herbal remedies ("medicines obtained from processing of plant substances by extraction, distillation, pressing, fractionation, purification, concentration and fermentation. They include crushed or powdered plant substances, tinctures, extracts, essential oils, expressed juices and processed exudates") [1].

The outlined range of phytomedicines was researched by the following directions: place of production, distribution by the type of the dosage form, age limits [4].

It is important to note that during the study the following fact was established. Some domestic phytomedicines in the form of the medicinal plant raw material, which are analogues in the composition and a dosage form have conflicting data regarding their safety for children. Such differences may cause difficulties for patients [4].

References:

 Довідник лікарських засобів України (01.04.2013) [Електронний ресурс]: МОЗ України Деп. фар мац. діяльності. – К.: СD-вид-во «Інфодиск», 2004. – 1 електрон. опт. диск (CD-ROM): кольор.; 12 см. – (Довідник лікарських засобів України (01.04.2013).

2. Izzo A.A., Ernst E. // Drugs. – 2009. – Vol. 69, №13. – P. 1777-1798.

3. Rivera J.O., Ortiz M., González-Stuart A., Hughes H. // J. Herb. Pharmacother. – 2007. – Vol. 7, №3-4. – P. 91-106.

 Tolochko K.V. Analysis of the domestic market of plant-based medicines // News of Pharmacy. – 2015. – № 3 (83). – P. 63-66.