



ASSESSMENT OF PHARMACISTS' AWARENESS OF ANEMIA TREATMENT DURING WAR TIME IN UKRAINE

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OBJECTIVES: In Ukraine, in 2020, the incidence of iron deficiency anemia among schoolchildren is 23.5%, among women of childbearing age 14-17%, among pregnant women - 27.5%.

Anemia has consequences for future parenthood: premature birth, delayed intrauterine development of the fetus, increased perinatal morbidity, impaired child's intelligence, behavioral abnormalities in adulthood. And during the wartime in Ukraine, when pregnant women live under great psycho-emotional stress, there are anxiety, panic attacks, emotional burnout, improper nutrition, on which the body creates stress that causes anemia.

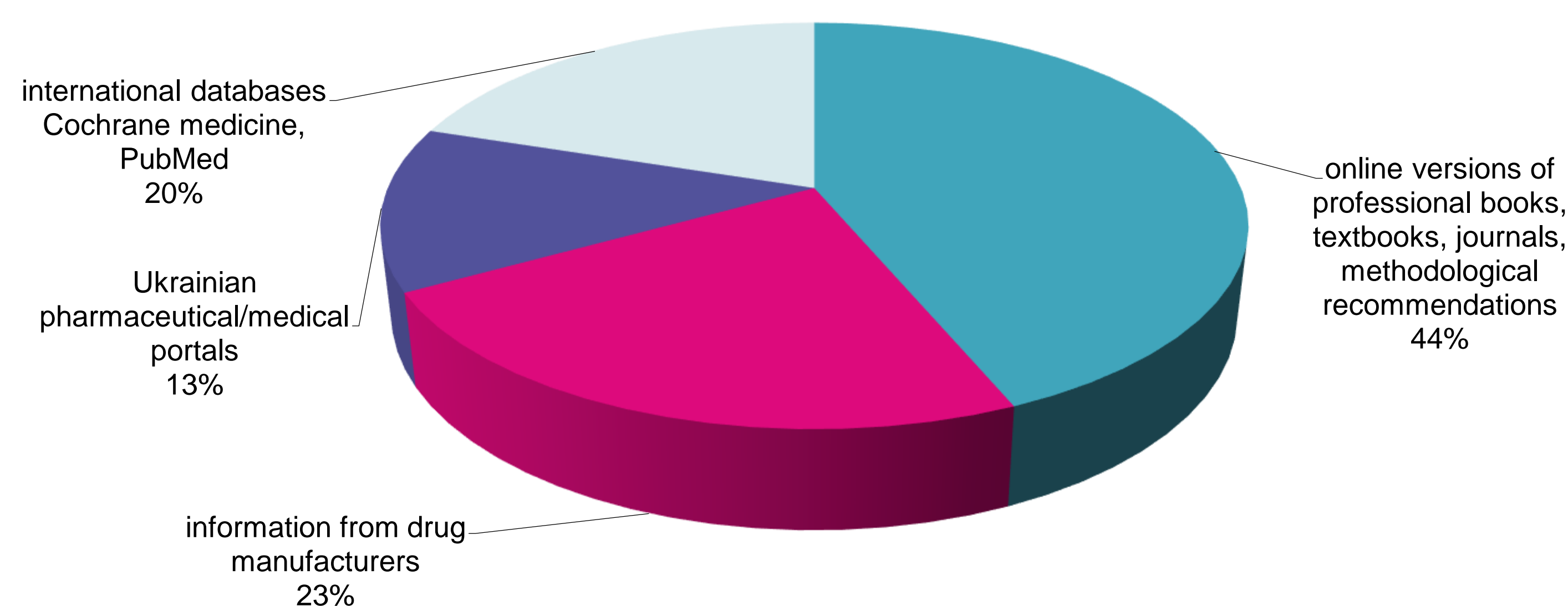
The incidence of anemia among women increases during wartime.

METHODS : Survey (using a Google forms), data analysis and evaluation.

RESULTS : An online survey was conducted among 133 practicing pharmacists to determine pharmacists' awareness of knowledge and skills regarding the pharmacotherapy of anemia. In Ukraine standards for providing pharmaceutical assistance under martial law have not been developed since November 2022.

➤ According to the results of the survey of respondents, it was revealed that 85.5% say that there is a constant need for continuous professional development, training at the stage of postgraduate education once every five years is not enough, 12.2% it is necessary to take training courses more often, 2.3% do not need continuous professional development.

➤ It was found that pharmacists obtain information on medicines from :



➤ It has been established that most often improve knowledge and skills in the specialty "Management and Economy of Pharmacy" - 60.3% , "Clinical Pharmacy" - 26% and such specialties as "Analytical and Control Pharmacy", "Health Technology Assessment", "Pharmaceutical technology", "Pharmaceutical cosmetology" are less in demand among pharmacists.

➤ It should be pointed out that 53.4% of pharmacists can provide themselves with professional development in the same volume as before the war.

With regard to information on pharmaceutical awareness of the treatment of anemia, it was established that:

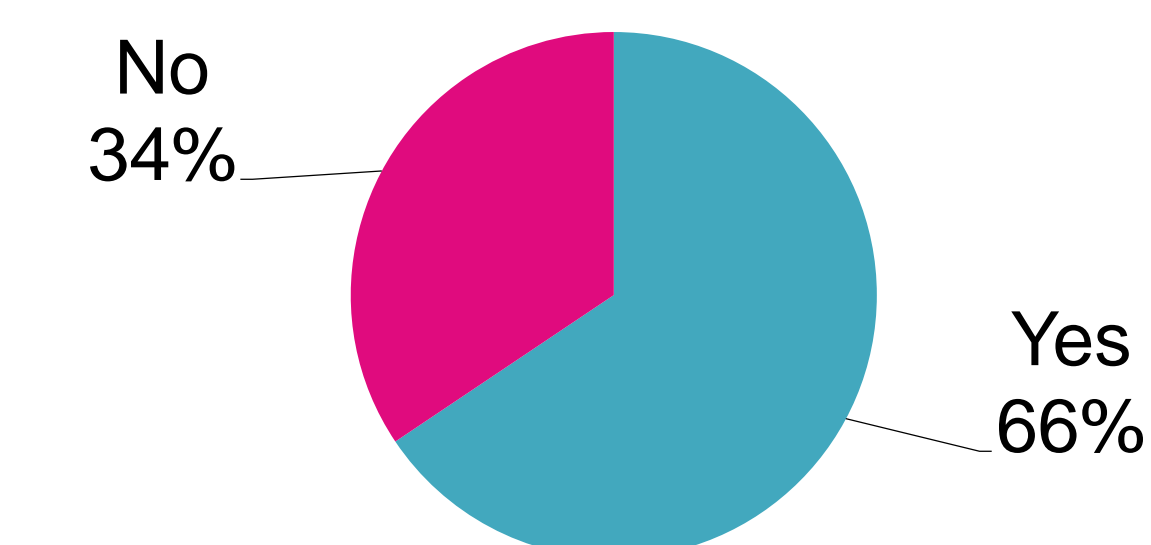
68.7% of the respondents need to increase awareness of the treatment algorithm in accordance with the approved anemia pharmacotherapy protocol

85.5% know about drugs that can cause anemia

61.8% of pharmacists need information about new iron preparations, namely bioavailability, potential drug interactions, side effects

It has been established that the rate of consumption of iron-containing preparations increases during wartime :

Does the rate of consumption of iron supplements increase during wartime?



A total of 93.1% of pharmacists indicated that they need to explore and update their knowledge of proper pharmaceutical care when dispensing iron supplements

CONCLUSIONS

- The importance of pharmacists' awareness of the requirements of the treatment protocol and a thorough algorithm for providing pharmaceutical care is substantiated.
- It was established that 93% of pharmacists have an informational need to update their knowledge on the topic of anemia treatment for the effective provision of pharmaceutical care during wartime