



TERTIARY EDUCATION ПЕДАГОГІКА ВИЩОЇ ШКОЛИ

UDC 378.015.311:364-322:378.6:61(477)
DOI 10.35433/pedagogy.1(112).2023.39-46

VOLUNTEERING AS A VALUE IN THE EDUCATIONAL WORK OF HIGHER MEDICAL EDUCATION INSTITUTIONS IN UKRAINE

O. M. Khrystenko*

The content structure of volunteering as a value regarding educational work at the institutions of higher medical education in Ukraine has been analysed in the article; the values that should be developed in future medical specialists corresponding to current challenges have been defined.

It is found out that organizational centres of public support of Ukrainians in higher medical education are the university volunteer centres, which comprehensively help the teams of students – future doctors – as well as military personnel of the Armed Forces of Ukraine overall.

According to the results of analysis of the educational work directions in the institutions of higher medical education, it is established that they prove the highest value of human life (the life of a warrior) for future doctors from different perspectives. In particular, it is confirmed by proactive attitude of student volunteers in donating blood for military personnel.

Implementation of the value of patriotism in the educational activities of future doctors is substantiated as the involvement of senior students and interns into trainings on pre-hospital care.

It is established that involvement of students into projects aimed at psychological support to civilians and military personnel, as well as financial aid and assistance in supporting mental health for internally displaced persons is a special direction of medical volunteering and education in wartime.

It is proved that participation in volunteer movement by future doctors promotes development of their personal values: activity, diligence, initiative, desire to help, service, subordinating them to national, civil interests – for the sake of victory and peace in Ukraine.

Thus, educational work in the institutions of higher medical education of Ukraine requires a systematic approach to development of the values of charity and social activity in the students both regarding the volunteer movement and besides it.

Keywords: *volunteering, values, students, education, institutions of higher medical education.*

* Candidate of Pedagogical Sciences (PhD in Pedagogy), Associate Professor
(I. Horbachevsky Ternopil National Medical University)
hrystenko@tdmu.edu.ua
ORCID: 0000-0001-6036-2829

ВОЛОНТЕРСТВО ЯК НАПРЯМ ВИХОВНОЇ РОБОТИ МЕДИЧНИХ ЗАКЛАДІВ ВИЩОЇ ОСВІТИ УКРАЇНИ

О. М. Христенко

У статті проаналізовано змістову структуру волонтерства як цінності у контексті виховної роботи медичних закладів вищої освіти України; та визначено цінності, які варто формувати в майбутніх фахівців медичної галузі відповідно до актуальних викликів. Виявлено, що організаційними осередками громадської самопомоги українців у системі вищої медичної освіти виступили університетські волонтерські центри, які всебічно допомагають бригадам, у яких служать студенти, майбутні медики, а також військовим ЗСУ загалом. За результатами аналізу напрямків виховної роботи в медичних закладах вищої освіти, встановлено, що вони з різних перспектив доводять найвищу цінність життя людини (воїна) для майбутніх лікарів. Це, зокрема, підтверджує активна позиція студентів-волонтерів у донорстві крові для військовослужбовців.

Обґрунтовано практичне втілення цінності патріотизму у просвітницькій діяльності майбутніх медиків. Йдеться про участь студентів старших курсів та студентів-інтернів у проведенні тренінгів з надання домедичної допомоги. Встановлено, що особливим напрямком медичного волонтерства й просвітництва в умовах війни стало залучення студентів до проектів, спрямованих на надання психологічної допомоги цивільним, військовослужбовцям, а також забезпечення матеріальних і духовних потреб внутрішньо переселених осіб. Доведено, що завдяки участі у волонтерському русі майбутні медики розвивають свої індивідуальні цінності – активність, працьовитість, ініціативність, бажання допомогти, служіння – підпорядковуючи їх національним, громадянським інтересам – задля перемоги й миру в Україні.

Підсумовано, що виховна робота в медичних закладах вищої освіти України потребує системного підходу до формування у студентів цінностей добродійності й соціальної активності як у контексті волонтерського руху, так і поза його межами.

Ключові слова: волонтерство, цінності, студенти, виховання, медичні заклади вищої освіти.

Introduction of the issue. Public self-aid is one of the best historical traditions of Ukraine, thanks to which our people survived in difficult socio-political, socio-economic and national-cultural circumstances of the past centuries. Nowadays, when Ukraine defends not only its national-state independence, freedom, but also the inviolability of humanistic, democratic values in the world dimension, volunteering as a form of self-aid of the society is gaining particularly significant importance. Various social groups and institutions are involved in the volunteer movement with the aim of practical assistance to the Ukrainian state during the war.

The organization and support of student volunteering activities has become one of the most important areas of educational work in higher medical education institutions of Ukraine. The results of our research show that future specialists in the medical field have occupied a worthy niche in the current struggle of Ukrainians for their national identity, freedom and state

independence. Student volunteer activity of higher medical education institutions was found in various forms and activities: assistance in military hospitals, implementation of social projects for the military and civilian population, organization of humanitarian aid.

Current state of the issue. The mentioned problem is reflected in the modern scientific discourse. Thus, the essence of the phenomenon of volunteerism and the peculiarities of its functioning in modern Ukraine are investigated by I.Yu. Chaika, the political management of volunteerism by L.O. Zhuzha, volunteering as a determinant of the development of civil society by A.V. Matiichyk, Ukrainian civic practices in the context of world experience – D.M. Gorelov, volunteer activity as a means for self-realization and self-determination of the individual – I. Dydukh, volunteering as a social phenomenon – T.L. Lyakh, Western European experience of corporate volunteering – A. Kuznetsov and others. The mentioned authors, on the one hand, substantiate the essence of volunteering

theoretically, highlighting the importance for the development of society. On the other hand, in their studies we find provisions on volunteering from the standpoint of personal and, in fact, activity approaches.

Outline of unresolved issues brought up in the article. Meanwhile, the results of the analysis of the sources indicate the need to study the practical experience of the volunteer movement in the educational discourse, because for future specialists, in particular, in the medical field, voluntary charitable activity is not just a civic, but also a professional value. And it should be systematically developed in the context of the educational process in medical universities of Ukraine.

Aim of research is to analyze the content structure of volunteering as a value in the context of the educational work of higher medical education institutions of Ukraine; and determine the values that should be formed in future specialists in the medical field in accordance with current challenges.

Results and discussion. Thus, according to the results of our research, the main tasks of educational work have been determined and implemented in medical universities of Ukraine in peacetime: development of national consciousness of the young generation, its historical memory, spirituality based on Christian morality, democratic thinking and humanistic worldview. It should be noted that these intentions correspond to the goals of the State National Program "Education" ("Ukraine of the 21st Century") declared in the early 1990s regarding "providing opportunities for continuous personal spiritual self-development, formation of intellectual and cultural potential as the highest value of the nation [10].

In practice such educational work with the students of institutions of higher medical education contribute to development of their national, civic, and spiritual values; the following are prioritized: freedom, national and state independence, Ukrainian state, Ukrainian language, Ukrainian culture, Ukrainian history, national memory, Christian morality, philanthropy, etc.

Without generalizing rather unequal power of educational influence on future medical specialists in different universities regarding implementation of these values, the common desire of medical and pedagogical communities (or individual representatives of the university staff) to ensure their presence in the higher medical educational space should be noted.

Events, excursions and meetings on the memory of the past outstanding personalities of Ukraine, primarily those unfairly forgotten, silenced and/or repressed by the Soviet totalitarian system, proved to be effective forms of student education for respect of the national historical and cultural heritage.

For example, on the 65th anniversary of the birth of the genius Ukrainian composer, poet, musician, artist Volodymyr Ivasiuk, who studied at Bukovyna State Medical University in 1967-1972, an excursion to the Chernivtsi Memorial was arranged for the first-year students of this institution of higher education to Volodymyr Ivasiuk Museum.

As said on the university website, future doctors learned a lot of new and interesting about the life and work of the great Bukovynian. They were really surprised by the fact that during the lifetime of Volodymyr Ivasiuk, who had fans throughout the then Soviet Union, his brilliant talent was not officially recognized. And only posthumously he was awarded the T.H. Shevchenko State Prize and the title of the Hero of Ukraine. Moreover, in academic groups, the discussions on "Volodymyr Ivasiuk's Life is Like a Song" were held by the curators.

"Such events contribute to development of nationally conscious specialist-patriot, raise in future doctors a pride for studying in the institution, where the famous "Chervona Ruta" was composed and such an outstanding personality studied" [13].

The educational and charitable events aimed at development of the values of charity, public support, moral responsibility for those who are weaker, poorer, infirm, lonely, etc. in future doctors are a special direction of educational work in medical universities

of Ukraine. The Teams of Mercy (volunteers) have been established in all institutions of higher medical education involving students and interns, who provide assistance to cancer, HIV/AIDS patients, disabled persons, war and labour veterans, deprived children [3].

Considerable experience in implementing the values of caring and benevolence into practice is represented by the participants of the Misericordia, a university volunteer movement at I. Horbachevsky Ternopil National Medical University. The students organize and carry out a number of events and campaigns aimed at helping poor, low-income, large families, pregnant women, orphans, the elderly, the disabled and other socially vulnerable population.

Thus, meetings/charity events have been traditionally arranged by the participants of the Misericordia volunteer movement and the Club of the Ukrainian Language and Culture, actually the students of I. Horbachevsky Ternopil National Medical University, for orphans, children with special needs, children from large or low-income families [18].

As part of educational events, a conversation with students on "Lessons of mercy from St. Nicholas" was arranged. It involved a Redemptorist, hieromonk, who emphasized that future doctors will have a unique opportunity to show their mercy to patients, who need not only a high-quality medical care, but also spiritual support, understanding, kind words and sincere warmth. Students developed practical skills of charity by organizing the charity event "Help orphans – get a book as a gift" on the initiative of the author of the children fairy tale book, a university student Khrystyna Darmorost (Khrystenko). The funds were used for purchasing a freezer for the Centre for Social and Psychological Rehabilitation of Children, as well as toys and fruits. A real "lesson of mercy from St. Nicholas" was a visit of future doctors to an orphanage. They presented the orphans and deprived children not only the gifts but also emotional warmth [1]. In the same way, the students of Bogomolets National Medical University visited their little friends – boys

and girls, at an orphanage in Kyiv region. The students had fun with all the children, sang songs, told interesting stories, helped open and collect the presented toys and also talked about the doctors' work. "We have created a small miracle for those in need. Now we have 17 more friends! We are glad that we spent time with these children and made them incredibly happy!", future paediatricians share their impressions" [15].

Implementation of scientific and educational programs to help schoolchildren with health care skills development is a separate area of future doctors' volunteer work. Moreover, international students read free English lessons for pupils of rural schools in Ternopil region; together with Ukrainian students they arrange educational and charity events for children at orphanages and children with special needs studying at specialized schools [20].

According to the results of the research, it was established that the organizational centers of public self-aid of Ukrainians in the system of higher medical education were university volunteer centers. Thus, on the second day of the full-scale war of the Russian Federation against Ukraine, on the initiative of Mykhailo Korda, the rector of the I.Ya. Horbachevsky Ternopil National Medical University, a volunteer center was created, where students and teachers were involved in order to help the country in defense and protection from enemies.

Activists of the center appealed to Ternopil residents, students and partners to support our military and residents of regions where active hostilities are taking place, with medicines, food, hygiene products and clothes. Humanitarian aid began to arrive from everywhere, more and more university employees and students joined the work of the center: they unloaded trucks; assembled and packaged products, medicines, hygiene products; formed medical first-aid kits; took care of internally displaced persons [19].

The volunteer center launched work in the following areas: provision of medicine and medical equipment to medical units,

field hospitals, medical and preventive institutions of the Ukrainian state, which received wounded soldiers/civilians; provision of the Armed Forces of Ukraine (delivery to the front line) with individual first-aid kits, equipped in accordance with NATO standards, food products, basic necessities; as well as providing the necessary assistance to internally displaced persons: material (clothing, household items, hygiene products, food products) and spiritual (a Ukrainian language study program, organization of the "Ukrainian Book in Free Access" library, etc.) [19].

On the initiative of the students, the university established several important joint projects aimed at helping the soldiers of the Armed Forces of Ukraine: weaving camouflage nets, making trench candles (actually, TNMU students created a center for making trench candles, sculpting dumplings, and baking gingerbread [19].

It is noteworthy that through their participation in the work of the volunteer center, future doctors develop their individual values i.e. activity, diligence, initiative, desire to help, service, subordinating them to national and civil interests for the sake of victory and peace in Ukraine.

The confirmation of this thesis is the volunteer experience of students of higher medical education in other different universities of the Ukrainian state. For example, volunteer students of the Ivano-Frankivsk National Medical University collect medicines, which are sorted on the spot and sent to hospitals in Kyiv and Kharkiv. It is important that an initiative group of future medics has started manufacturing harnesses of the SAT type for transfer to the front line. In addition, student volunteers collect food: fast food, bars, chocolate to be given directly to the military [6].

Future doctors of the Danylo Halytsky Lviv National Medical University are involved in volunteering, which covers various vectors of activity, starting from the logistics warehouses where the aid goes, and further the distribution of this aid in hot spots of military operations on the territory of Ukraine. In particular, female students work in the "Lviv volunteer kitchen" group, which

prepares dry rations, prepares hot meals and dries vegetables for our defenders. They also weave camouflage nets, collect and distribute clothes, bedding, hygiene products for temporarily displaced persons, make gauze bandages for tamponing wounds [4].

For students and teachers of the Bukovyna State Medical University, the collection and delivery of medicines and food products to the war zone, as well as a charity event for weaving camouflage nets and suits for the Armed Forces of Ukraine, have become traditional tasks, due to the great need for these means of visual protection. This practical benevolence reveals the value of the cooperation of all Ukrainians for the sake of victory [5].

According to sources, university communities help the brigades where students, future doctors and military personnel of the Armed Forces of Ukraine serve in general. Thus, volunteers of the Poltava State Medical University organized the provision of their military students with separate necessary means of protection in the conditions of military operations [2]; and the students of I.Ya. Horbachevsky Ternopil National Medical University have already traditionally handed over to the Armed Forces brigade, which was located in one of the "hottest spots" of the front, important means for the vital activity and defense capability of Ukrainian soldiers, hoping that this will save more than one life [8].

Analyzing sources about the directions of educational work with students in higher medical education institutions, we observe that they prove from different perspectives the highest value of human life, the life of a warrior for future doctors. Among other things, this confirms the active participation of volunteers in donating blood for military personnel. Thus, students of Bogomolets National Medical University launched an important social project created a blood donor base for military personnel "BLOOD+" [16]; students of Danylo Halytsky Lviv National Medical University volunteered to donate blood through the Healthy application [2]; and

the participation of students from I.Ya. Horbachevsky Ternopil National Medical University in donating blood for soldiers has already become a traditional good action, which emphasizes the worthy civic position of future doctors [19].

We observe the practical implementation of the values of patriotism through helping society in wartime in the volunteer educational activities of future doctors. It is about the participation of senior students and intern students in trainings on the provision of pre-medical care. For example, paramedic students studying at the Ivano-Frankivsk National Medical University conducted a series of classes to practice the professional skills of providing assistance to victims during the war for citizens without a medical education [6].

Also, students of I.Ya. Horbachevsky Ternopil National Medical University who are the members of the urgent and emergency medical care group, M. Filipchak and A. Pelikhovsky, taught teachers of city schools pre-medical care [17]. In addition, intern students of the Kharkiv National Medical University worked on a volunteer basis as instructors in the project "Tactical medicine for Ukrainians in the conditions of hostilities". Within the framework of this project, the training of rescue fighters in the specialty of tactical pre-medical assistance for the Armed Forces was organized [9].

A special direction of medical volunteering and education in wartime conditions was the participation of students from higher medical education institutions in projects to provide psychological assistance to civilians and military personnel. For example, the Poltava State Medical University held talks on the topic "Psychological protection against stress" for students of higher education and teachers who wanted to discuss the strategy of psychological protection in the conditions of war. The participants noted the value of a "comfortable atmosphere", "a switch from everyday stressful situations", "a charge of positive energy" [11]. And students of the Donetsk National Medical University took part in the action "Letters of Life" for moral

support of defenders of Ukraine. The future doctors wrote letters that were handed over to the Ukrainian military "at the hottest positions of Soledar" [7]. They talk about faith, gratitude, confidence in victory...

The analysis of sources confirms a separate direction of educational work with students of higher medical education institutions of Ukraine, which is related to participation in various projects to support internally displaced persons. It is not only about volunteering to provide for the material needs of the specified category of citizens, but also about the implementation of spiritual and cultural initiatives.

Thus, volunteer students of I.Ya. Horbachevsky Ternopil National Medical University helped implement the Ukrainian language study program for internally displaced persons. It is noteworthy that the future medical specialists, together with the teachers of the Department of Ukrainian Studies, sought to represent the system of basic values that reflect the Ukrainian national identity: language, culture, art, and history.

In addition to classes in the Ukrainian language, those, who wish to learn a little more, had the opportunity to familiarize themselves with the original types of Ukrainian art: making carvings, kerchiefs; and also visited an exhibition of Ukrainian uniform [19]. It is noteworthy that the Ukrainian language study and improvement courses for internally displaced persons were also organized by representatives of other higher medical education institutions of Ukraine, including Vinnytsia National Pirogov Medical University, which popularizes the state language as a value [12].

Another important direction of educational work with future medical specialists concerns their involvement in educational volunteer work among the youngest Ukrainians who, due to the war, found themselves outside the borders of their native home in various regions of our country. In particular, students of the Bogomolets National Medical University held an entertaining and educational event for internally displaced children. Future doctors sought to convey the value of a healthy lifestyle to the younger generation.

In order to relax and improve activity, students and children performed a small, interesting exercise. Graduates of higher medical education were happy to answer all the questions of internally displaced children and shared their knowledge about the specifics of the doctor's profession [14].

Conclusions and research perspectives. Therefore, educational work with students in higher medical education institutions of Ukraine requires a systematic approach to the development of the moral culture of

students of higher medical education through their participation in the volunteer movement for the formation of values of charity and social activity; as well as increasing attention to the organization (together with students) of educational projects for various social groups of the population, which will contribute to the development of future doctors' skills in popularizing the values of life, dignity, safety, physical and spiritual health of a person and society.

REFERENCES (TRANSLATED & TRANSLITERATED)

1. *Volontery "Misericordia" ta uchasnyky klubu ukrainskoi movy ta kultury vidvidaly Tsentru sotsialno-psykholohichnoi reabilitatsii ditei* ["Misericordia" Volunteers and Participants of the Ukrainian language and culture club visited the Center for Social and Psychological Rehabilitation of Children]. (2017, 21 hrudnia). Ternopilskyi natsionalnyi medychnyi universytet imeni I.Ya. Horbachevskoho. Retrieved from: <https://www.tdmu.edu.ua/2017/12/21/volontery-misericordia-ta-uchasnyky-klubu-ukrayinskoyi-movy-ta-kultury-vidvidaly-tsentru-sotsialno-psykholohichnoyi-reabilitatsiyi-ditej/> [in Ukrainian].
2. *Volonterska dopomoha studentam PDMU – viiskovosluzhbovcyam ZSU* [Voluntary assistance to students of PSMU to the servicemen of the Armed Forces of Ukraine]. (2023, 17 liutoho). Poltavskyi derzhavnyi medychnyi universytet. Retrieved from: <https://www.pdmu.edu.ua/news/volonterska-dopomoga-studentam-pdmu--viiskovosluzhbovcyam-zsu> [in Ukrainian].
3. Volosovets, O.P., Piatnytskyi, Yu.S., Barannikov, K.V., Vitenko, I.S., Melnyk, I.V., & Rekovets, N.V. (2013). Pro stan vykhovnoi roboty u vyshchych navchalnykh zakladakh IV rivnia akredytatsii MOZ Ukrainy [About the state of educational work in higher educational institutions of the 4th level of accreditation of the Ministry of Health of Ukraine]. *Medychna osvita – Medical education*, 2, 31-36. DOI: 10.11603/me.v0i2.854 [in Ukrainian].
4. *24/7 pratsiuyut nevtomni volontery – studenty ta vykladachi LNMU imeni Danyla Halytskoho* [Tireless volunteers work 24/7 – students and teachers of Danylo Halytsky LNMU]. (2022, 13 kvitnia). Lvivskyi natsionalnyi medychnyi universytet imeni Danyla Halytskoho. Retrieved from: <https://new.meduniv.lviv.ua/24-7-pratsiuyut-nevtomni-volontery-studenty-ta-vykladachi-lnmu-imeni-danyla-galytskoho/> [in Ukrainian].
5. *"Iednaiemosia v dopomozi ZSU"* ["We unite in helping the Armed Forces of Ukraine"]. (2023, 16 liutoho). Bukovynskyi derzhavnyi medychnyi universytet. Retrieved from: <https://www.bsmu.edu.ua/news/yednaiemosia-v-dopomozi-zsu/> [in Ukrainian].
6. *IFNMU rozghornuv volontersku diialnist* [IFNMU launched volunteer activities]. (2022, 7 bereznia). Ivano-Frankivskyi natsionalnyi medychnyi universytet. Retrieved from: <https://www.ifnmu.edu.ua/uk/4166-ifnmu-rozhornuv-volontersku-diialnist> [in Ukrainian].
7. *Lysty zhyttia* [Letters of life]. (2023, 3 liutoho). Donetskyyi natsionalnyi medychnyi universytet. Retrieved from: <https://dnmu.edu.ua/lysty-zhyttia/> [in Ukrainian].
8. *Podarunky vid studentiv TNMU dlia viiskovykh* [Presents from TNMU students for the military men]. (2023, 24 sichnia). Ternopilskyi natsionalnyi medychnyi universytet imeni I.Ya. Horbachevskoho. Retrieved from: <https://www.tdmu.edu.ua/2023/01/24/podarunky-vid-studentiv-tnmu-dlya-vijskovykh/> [in Ukrainian].
9. *Predstavnyky KhNMU – aktyvni volontery!* [KhNMU representatives are active volunteers!]. (2023, 9 liutoho). Kharkivskyi natsionalnyi medychnyi universytet. Retrieved

from: <https://knmu.edu.ua/news/predstavnyky-hnmu-aktyvni-volontery/> [in Ukrainian].

10. *Postanova Kabinetu Ministriv Ukrainy "Pro Derzhavnu natsionalnu prohramu "Osvita" ("Ukraina XXI stolittia")* [Resolution of the Cabinet of Ministers of Ukraine "On the State National Program "Education" ("Ukraine of the XXI Century")] № 896–93–p. (1996, 29 travnia). Retrieved from: <https://zakon.rada.gov.ua/laws/show/896-93-п#Text> [in Ukrainian].

11. *"Psykhologichnyi zakhyst vid stresu" – tema besidy dlia obhovorennia* [Psychological protection against stress is the topic of conversation for discussion]. (2023, 20 liutoho). Poltavskiy derzhavnyi medychnyi universytet. Retrieved from: <https://www.pdmu.edu.ua/news/psihologichniy-zahist-vid-stresu---tema-besidi-dlya-obgovorenniya> [in Ukrainian].

12. *Spilkuimosia ukrainskoiu* [Let's communicate in Ukrainian]. (n.d.). Vinnytskyi natsionalnyi medychnyi universytet im. M.I. Pyrohova. Retrieved from: <https://www.vnmu.edu.ua/новини/спілкуймося-українською> [in Ukrainian].

13. *Studenty BDMU vidvidaly memorialnyi muzei V. Ivasiuka* [BSMU students visited the memorial museum of V. Ivasyuk]. (2014, 2 bereznia). Bukovynskiy derzhavnyi medychnyi universytet. Retrieved from: <https://www.bsmu.edu.ua/news/1790-volodymyr-ivasuk/> [in Ukrainian].

14. *Studenty MZ provely rozvazhalno-piznavalnyi zakhid dlia vnutrishno peremishchenykh ditei* [MI students conducted an educational and entertaining event for internally displaced children]. (2023, 31 sichnia). Natsionalnyi medychnyi universytet imeni O.O. Bohomoltsia. Retrieved from: <https://nmuofficial.com/news/studenty-m3-provely-rozvazhalno-piznavalnyj-zahid-dlya-vnutrishno-peremishhenyh-ditej/> [in Ukrainian].

15. *Studenty medychnoho fakultetu № 3 vidvidaly dytiachyi budynok na Kyivshchyni* [Students of the Faculty of Medicine No. 3 visited an orphanage in the Kyiv region]. (2022, 22 hrudnia). Natsionalnyi medychnyi universytet imeni O.O. Bohomoltsia. Retrieved from: <https://nmuofficial.com/news/studenty-medychnogo-fakultetu-3-vidvidaly-dytyachyj-budynok-na-kyivshchyni/> [in Ukrainian].

16. *Studenty NMU stvoryly bazu donoriv krovi dlia viiskovosluzhbovtsiv "BLOOD+"* [NMU students created a database of blood donors for military personnel "BLOOD+"]. (2022, 20 hrudnia). Natsionalnyi medychnyi universytet imeni O.O. Bohomoltsia. Retrieved from: <https://nmuofficial.com/news/studenty-nmu-stvoryly-bazu-donoriv-krovi-dlya-vijskovosluzhbovtsiv-blood/> [in Ukrainian].

17. *Studenty TNMU navchaly vchyteliv ternopilskykh shkil domedychnoi dopomohy* [TNMU students trained teachers of Ternopil schools to pre-medical care]. (2022, 5 hrudnia). Ternopilskiy natsionalnyi medychnyi universytet imeni I.Ya. Horbachevskoho. Retrieved from: <https://www.tdmu.edu.ua/2022/12/05/studenty-tnmu-navchaly-vchyteliv-ternopilskyh-shkil-domedychnoyi-dopomogy/> [in Ukrainian].

18. *Studenty TNMU orhanizували sviato dlia ditei-syrit* [TNMU students organized a holiday for orphans]. (2022, 22 hrudnia). Ternopilskiy natsionalnyi medychnyi universytet imeni I.Ya. Horbachevskoho. Retrieved from: <https://www.tdmu.edu.ua/2022/12/22/studenty-tnmu-organizували-svyato-dlya-ditej-syrit/> [in Ukrainian].

19. *Proiekt "Volontery TNMU"* [Project "Volunteers of TNMU"]. Chastyna I [Video]. YouTube. Ternopilskiy natsionalnyi medychnyi universytet. (2022, 15 hrudnia). Retrieved from: <https://www.youtube.com/watch?v=AN6gC-G0uRQ> [in Ukrainian].

20. *Misericordia*. (n.d.). Ternopilskiy natsionalnyi medychnyi universytet imeni I.Ya. Horbachevskoho. Retrieved from: <https://misericordia.tdmu.edu.ua/pro-nas> [in Ukrainian].

Received: March 01, 2023

Accepted: March 31, 2023