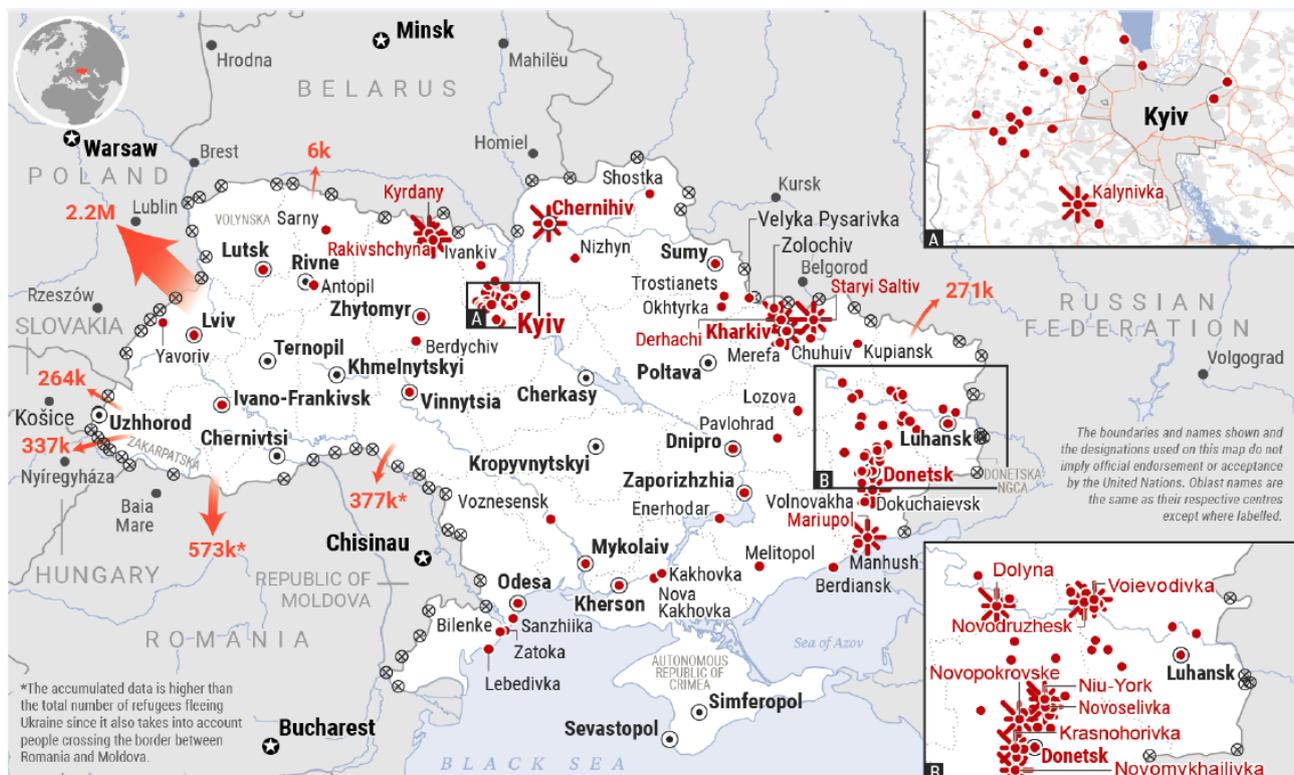


Provide essential medical services to women and children in Ukraine



PROJECT SUMMARY

The present proposal is part of the lifesaving response to 2022 Ukrainian crisis. Focus will be on health -logistics activities as well as on service delivery, by ensuring presence of mobile clinics in Chernivetska and Ternopilska Oblasts. It will complement Ministry of Health (MoH) and National Health System of Ukraine (NHSU) routine and emergency support, and what proposed by other Partners under current response.

The project will contribute to reduce mortality and morbidity and improve health outcomes of the affected population. Namely, it will:

- Procure, pre-position and distribute medical supplies, essential medications and equipment through established and mobile healthcare service;
- Provide direct lifesaving and primary health care services (through fixed and mobile clinics), including emergency medical health care services, HIV and TB services, Non-Communicable Diseases (NCDs), integrated Sexual and Reproductive Health services and Mental Health and Psychosocial Support (MHPSS);
- Improve quality and coordination of referrals of patients through linkages between the three levels of healthcare including communities.

CONTEXT

As a consequence of the ongoing armed violence and rapidly deteriorating security environment in most parts of Ukraine, according to the IOM Ukraine IDP-Figures General Population Survey (17/03/2022), there are 9,555,121 people displaced, 6,477,723 of which are IDPs. This corresponds to almost 23% of the Ukrainian population. According to OCHA, over 18 million people have been affected by the conflict and 6 million of

them are in urgent need of humanitarian support (Ukraine PHSA-Short Form, 3/3/2022), where the population most represented are women, children, older people, persons with disabilities, and ethnic minorities. In such a context, the disruption and collapse of essential health care services causes multiple needs, making it essential for the MoH and the NHSU, in partnership with the humanitarian community, to ensure the provision of timely lifesaving assistance to both IDPs and host communities.

Concerning the health sector, in this crisis, the three main health risks identified by WHO, are NCDs being the leading cause of death in Ukraine (death occurring before the age of 70 years) even before the conflict; HIV-TB (with among the highest rate in Europe) and MHPSS. Concerning NCDs, the five most present conditions are cardiovascular disease (CVD), diabetes, cancer, chronic respiratory diseases and mental health, which lead to 84% of all mortality in Ukraine (Ukraine Crisis, PHSA, 17th March 2022).

In response to this situation, CUAMM has developed a health-logistics intervention to complement the government efforts. Under the MoH leadership, this project will ensure the procurement and distribution of essential specialized medicines (especially to serve mothers and children) and their supply to Ukrainian hospitals with the support of VRB. The initiative will make sure that, once arrived in the city of Černivci, where VRB has its HQ/warehouse, the medicines will be stocked according to international standards and further distributed, with a network of already present and working vehicles, to Ivano-Frankivsk, Lviv, Ternopil, Kharkiv, Nikolaev, Kiev Region, Kiev, Dnipro and Kropyvnytskyi, based on request. Moreover, CUAMM will organize and run mobile clinics in the Chernivetska and Ternopilska Oblasts to ensure that access to Primary Health Care (PHC) services to the most fragile (Women, Children and elderly) and finally organize an ambulance referral system to refer critical patients from the rural areas of Chernivetska and Ternopilska Oblasts to hospitals in the city of Chernivtsy.

CUAMM is aware that the numbers of IDPs may vary, and will adapt its project to the influx of those people and to the needs of the various hospitals the intervention will serve. Moreover, conscious that displacement is a traumatic experience, basic information on Mental Health Psychosocial Support (MHPSS) and Gender-Based Violence (GBV) and on dedicated services will be provided during the mobile clinics.

The high demand for health care of both IDPs and host communities constitutes an additional burden on the now damaged and underserved Ukrainian health system, where assistance offer is compromised even further by the crisis and migration influx.

NEED ASSESSMENT

Initial Rapid Assessment (IRA) for this project was conducted by CUAMM in Chernivetska Oblast, focusing on the city of Černivci (17-18 March 2022). It was run by a multi-sectoral CUAMM's team together with the Ukrainian community-based organization Volonterskiy ruh Bukovyny (VRB) senior staff. The team met local authorities, such as the Hospital Director of the Chernivtsy Regional Clinical Oncological Dispensary to assess specific drugs needs and estimations on needs (in relation to the increasing influx of IDPs). This visit, followed a preliminary hybrid needs assessment (VRB in the field, CUAMM virtually present) that happened from 14-16 March 2022, where the main goal was to collect data on drugs availability from different health facilities.

During the assessment CUAMM's confirmed hospitals' needs in terms of essential and specialized medicines, medical disposables and supplies, roads and transport situation for delivery of goods and referral of patients, and finally to confirm the ongoing difficulties of the government facilities in Chernivetska Oblast in serving both IDPs and host communities' patients with adequate specialized treatments such as, among others, oncological patients, chronic NCDs patients, etc. Mobile clinics were requested together with support in managing the logistics of it (drugs, fuel, planning of them, staff allocated to these services) in order to ensure access to PHC services and prompt referral of cases in need of a higher level of care. Due to the volatility of the situation, clear identification of locations where to run the mobile health clinics will be done in partnership with the MoH at oblasts' level and the NHSU authorities once the project starts, based on the influx and movement of IDPs.

VRB's technical staff is permanently based on ground, working aside local health authorities and health services providers and therefore having constant access to updated information on population health needs, system effective responsiveness and new IDPs arrivals. Being Černivci city almost 40km far away from the Romanian

border, CUAMM has identified, during the needs assessment, Siret (the first city in Romania after the border) to be its logistics operational hub, in order to have a strong presence on the 2 sides of the borders to ensure monitor of the arrival and departure of the goods, having direct relations with both Ukrainian and Romanian customs and logistics clusters. Nevertheless, in order to ensure sustainability, this project will also aim at strengthening VRB's logistics-hub in Černivci. The final outcome of CUAMM's IRA showed that, although the primary logistics reception centre for this project will be in Černivci, the initiative will be able to leverage on VRB's existing connections and relations with local health authorities to make sure drugs and medicines will be delivered also in Chernivtsi-Ivano-Frankivsk, Lviv, Ternopil, Kharkiv, Nikolaev, Kiev Region, Kiev, Dnipro, Kropyvnytskyi. The project indeed will serve health facilities in these locations. Finally, it has been identified the need to provide mobile health clinics especially within the communities of Chernivetska Oblast and Ternopilska oblasts.

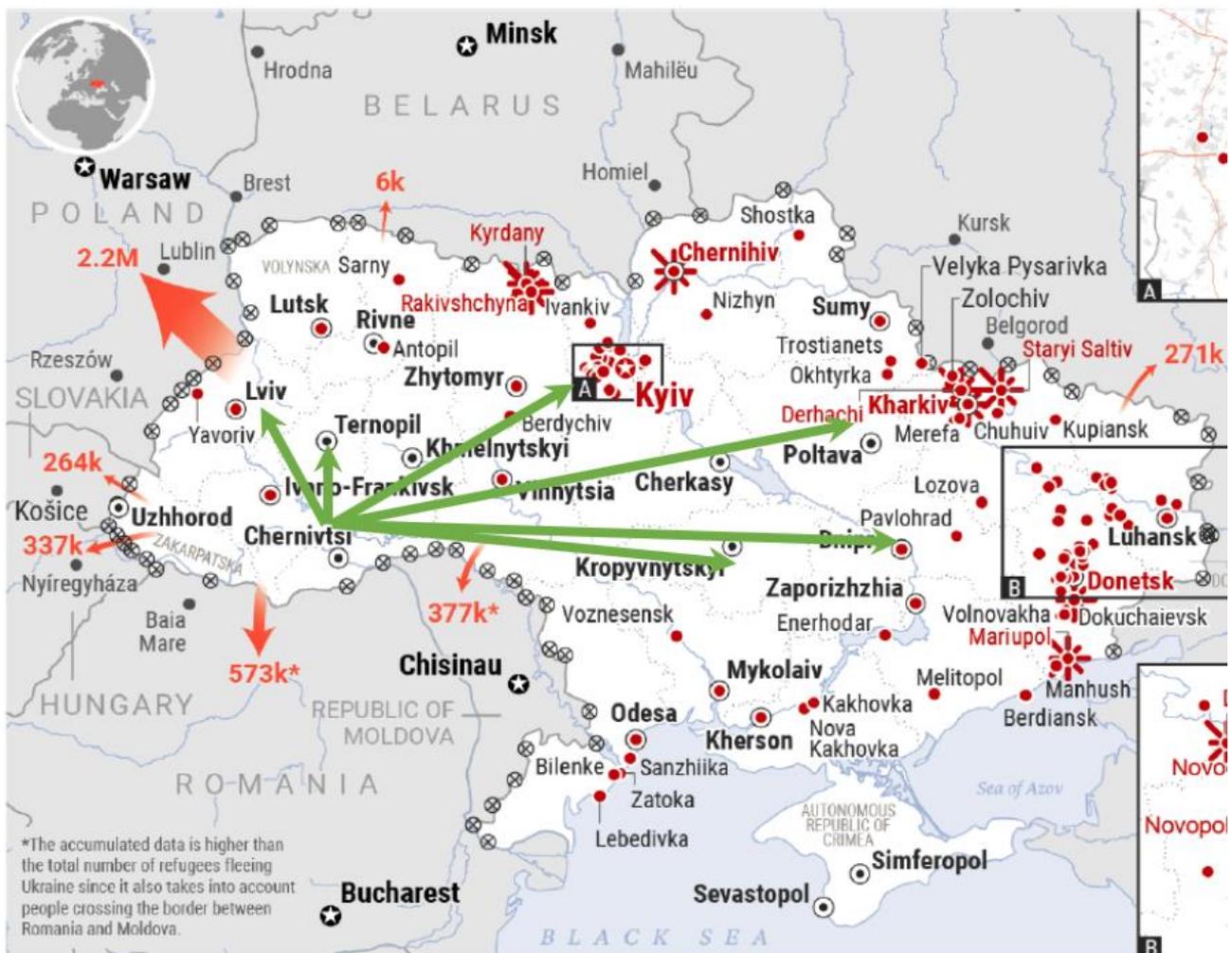
ACTIVITIES:

Activity 1: Procure, pre-position and distribute medical supplies, essential medications and equipment through established and mobile healthcare services

Through the MoH-WHO UHNPR tool, CUAMM will map essential and specialized care medicines and medical supply needs in Ukrainian hospitals.

Černivci is currently still easily accessible via the Romanian border (Siret). For this reason, the project will ensure international quality procurement of medicines and supplies, delivered them to Černivci via Siret. Transport of items will be done via land, a minor logistic base will be set up in Siret ensuring safety of medicines and standard of storage (e.g. cold chain) during custom procedures in the Romanian side and Ukrainian side. From Siret trucks will be received and escorted by VRB staff and drove to Černivci (about 40 km) to be delivered to VRB dedicated and already working warehouses. Conscious that pharmaceutical and medical supply logistics require specific training, CUAMM will help VRB to identify within the faculty of pharmacology and medical professionals key staff to be hired in order to help in managing donation of products, safely storing medicines and consumables. A specific training on guidelines adoption and procedures will be provided to the VRB staff who will be hired to manage the store. Basic procedures should be introduced in tracking the items received, stocked them and eventually delivery them to final beneficiaries via paper recorded means (e.g. certificate of donation) and digital backup of the same. A monthly supervision and control of stocks will be done by CUAMM and tracking of donation will be done weekly. Adequate space for storing of medicines, cold chain standard and humidity temperature standard for all medical products will be ensured.

Černivci VRB hub represents one of the few point in which international humanitarian aid can enter Ukraine easily and be delivered in a number of cities and healthcare facilities around Ukraine. VRB despite having currently few resources, sometime with only basic items such food and clothes, is already serving with its the network of volunteers Chernivtsi, Ivano-Frankivsk, Lviv, Ternopil, Kharkiv, Nikolaev, Kiev Region, Kiev, Dnipro and Kropyvnytskyi area. Volunteers are using all means (cars, vans etc.) to distribute good requested on daily based by refugees shelters and hospitals in these areas. Some of VRB's volunteers are originally from those cities and have moved to Chernivtsi due to the conflict, therefore they know perfectly the situation, having constant contacts and being organized to receive and deliver goods 24/7. Despite the network created lack of resources is limiting their impact and are in need of fuel, spare parts and other means to sustain the transportation of supplies. Improve their storage capacity and organize their stocks, requested and shipments.



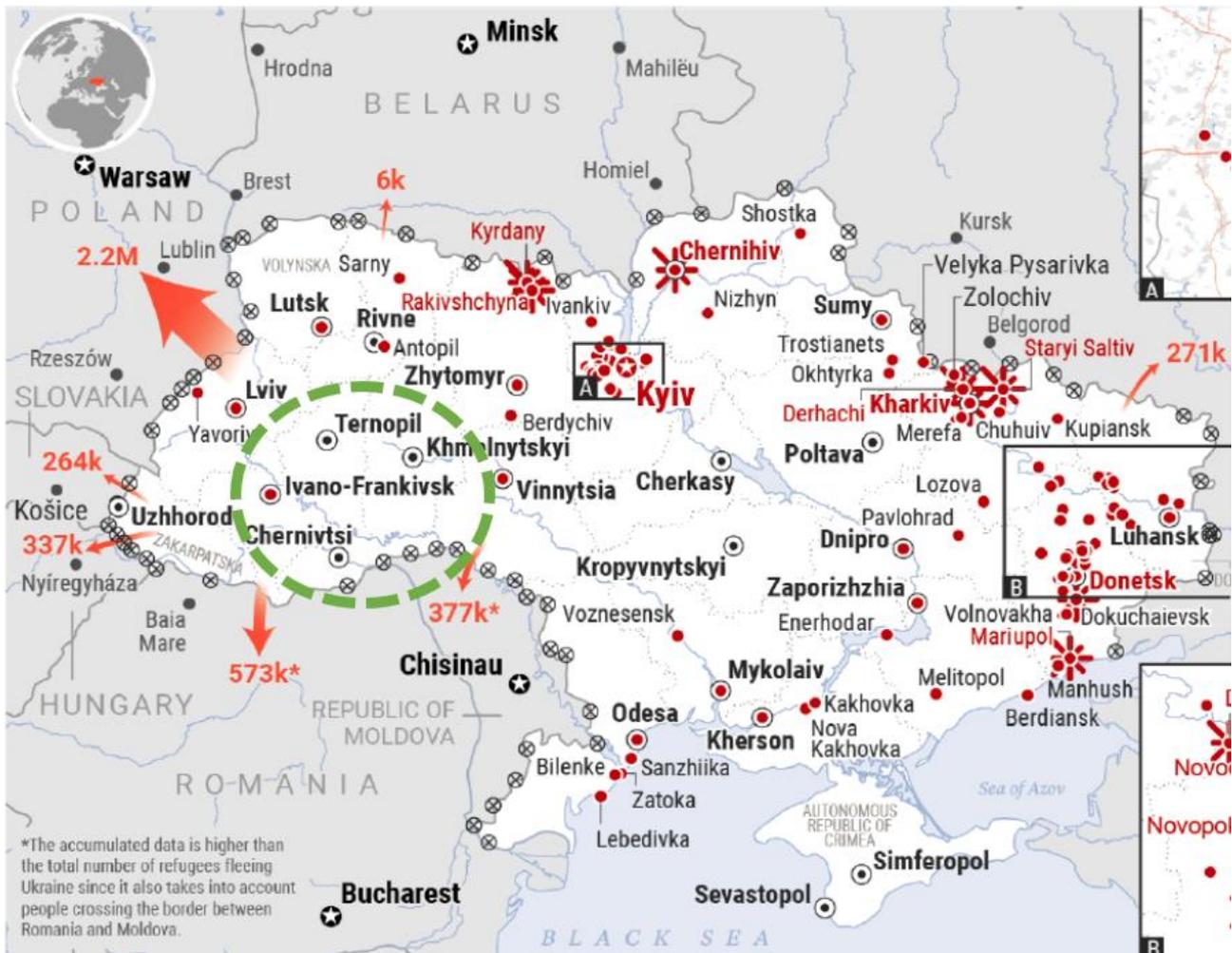
Distribution Map from Chernivetska to other cities and healthcare facilities.

Activity 2: Provide direct lifesaving and primary health care services (through fixed and mobile clinics), including emergency medical health care services, HIV and TB services, integrated Sexual and Reproductive Health services and Mental health and Psychosocial support

CUAMM together with VRB will plan, organize and implement mobile health clinics to reach IDPs and host communities in the Chernivetska and Ternopil'ska Oblasts.

With a vast part of the health system collapsing because of attacks, interruption of the centralized supplies system and constant movement of IDPs it is necessary to develop mobile clinics. This mobile multidisciplinary teams (MT) aims to deliver essential Maternal and Child Health (MCH), psychosocial and MH services, NCDs screening and ensuring the retention into treatment of the chronic patients, identification of serious cases for evacuation \ referral and basic medical care in hard to reach areas. The main target will be children under 5 years and pregnant women but also elderly (especially those with chronic conditions) and young girls and boy, with attention paid both to hosting families, hosting community's and IDPs' needs. VRB and CUAMM will organize this mobile teams, on a bi-monthly basis, in partnership with Chernivetska and Ternopil'ska local authorities and hospitals, ensuring the creation of a roster of medical staff who will run the mobile clinics.

VRB and CUAMM will organize means of transport and basic resources and supply (both consumables, drugs and PPE) for the mobile clinics. VRB will be mainly responsible for routine organization and logistics of mobile teams and CUAMM will ensure supervision, training and specialized, medical professional technical assistance in person (Černivci) or via telemedicine. The project will train local staff, provide basic items for triage (PPE, creation of safe pathways etc.) and develop guidelines and protocols.



Potential reach of mobile clinics in Chernivetska and Ternopil'ska Oblasts

Activity 3: Improve quality and coordination of referrals through linkages between the three levels of healthcare including communities

The project will strengthen the already existing Oblasts' ambulance referral system, ensuring that patients needing specialized care (oncology, chronic conditions, disability) from the communities served by the mobile health clinics can be referred to general hospitals / specialized hospitals in Černivci.

Černivci is one of the few places with functional (despite lack of medicines and supplies) hospitals of secondary and tertiary care level. Many of tertiary care cases are referred to Černivci from all over the country and this number could increase if fighting intensifies. It is worth mentioning that, with the high influx of IDPs (about 200,000 as per today statistics), a number of people with chronic condition or fragility (es. Newborn, elderly, oncology or immunocompromised patients etc..) is reaching the city on top of those autochthonous of the area. This increased amount of patients is putting under stress the local facilities that are lacking of means, supplies and resources (see activity 1 and 2 of the project) and is impeding the local health system to organize structured medical screening, referral and care of patients outside the physical structure of the hospitals. For these reasons, CUAMM and VRB

will organize medical teams to visit the population in the hard to reach areas of Chernivetska and Ternopil'ska oblasts, and, if needed, to refer them to local hospitals. The project will then make sure that appropriate patients' follow-up will be provided and medical teams are activated ad hoc. Vulnerable people such as people with disabilities, mental disorders, PTSD, GBV survivors, elderly people, pregnant women and new born etc. will be the main beneficiary of these activities. Specialised staff will be hired to run the clinics. Moreover, one of the issues reported during the project's need assessment was that in addition to numerous IDPs arriving in Černivci, a number of very sick people, children with complex disease management (e.g. oncology), fragile elderly with multiple conditions, people with disability, pregnant women in final stages or at risk pregnancy, sick newborn, children U5 with serious condition are not able to take the journey to safer areas with functioning hospitals like Černivci. For this reason, the network of VRB supported by CUAMM will strengthen the already functioning government ambulance referral system to improve their capacities. CUAMM and VRB will set up the ambulance roster, and will facilitate, in accordance with Černivci health authorities, the referral of people from hard to reach areas of Chernivetska and Ternopil'ska oblasts to Černivci hospitals (specialized tertiary care). Three ambulances will be donated by CUAMM to Chernivetska oblast's health authorities (CUAMM has already received those ambulances), while the project will ensure its refurbishment, equipment, stock of spare parts and medical equipment. VRB will be responsible, in accordance with local health authorities, for managing the service of the ambulances, with constant supervision of CUAMM with routine feedback and data analysis meetings. Training for medical volunteers on safe ambulance transport, management of cases and ambulance protocols will be provided.

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