

# The challenges for Ukrainian Healthcare: how to keep resilience in time of the war

Dr. Yaroslav Diakunchak, Brovary PHC Centre

# Introduction

## Brovary PHC Centre

- 9 practices of family medicine (109618 patients)
- 48 family doctors, 18 pediatricians, 4 Ob/Gyn doctors, 2 ultrasonologists, phthisiatrician, cardiologist, gastroenterologist, endocrinologist etc.
- 59 well-trained and experienced medical nurses
- Emergency care

# Declaration of interest

- No conflict of interest exists.
- I wish to confirm that there are no known conflicts of interest associated with this report and there has been no significant financial support for this work that could have influenced its outcome.

# Providing daily family practice

- Caring for the elderly patients
- Providing medical care for internally displaced people
- Struggling with noncommunicable (NCD's diseases) – cancer, cardiovascular disease, diabetes, COPD etc.)
- Dealing with mental health problems (depression, anxiety etc.)
- Family doctor as a drug (doctor-patient relationship – “mutual investment bank”)
- Managing and distributing the humanitarian aid
- Keeping resilience in the condition of the war (missile attacks, air alarms)
- Many of our colleagues deliver medical care at the frontline of the battlefield



# Supporting our Defenders



# Expanding Services, Strengthening Quality and Patient-Centeredness in PHC Centers

Quality Management system plan development (Created quality groups, developed the strategy of the development of QMS for 5 years, vision, mission and values, Code of Ethics)

Strengthening PHC teams to deliver services (conducted the staff training on patient-centeredness and priority services.

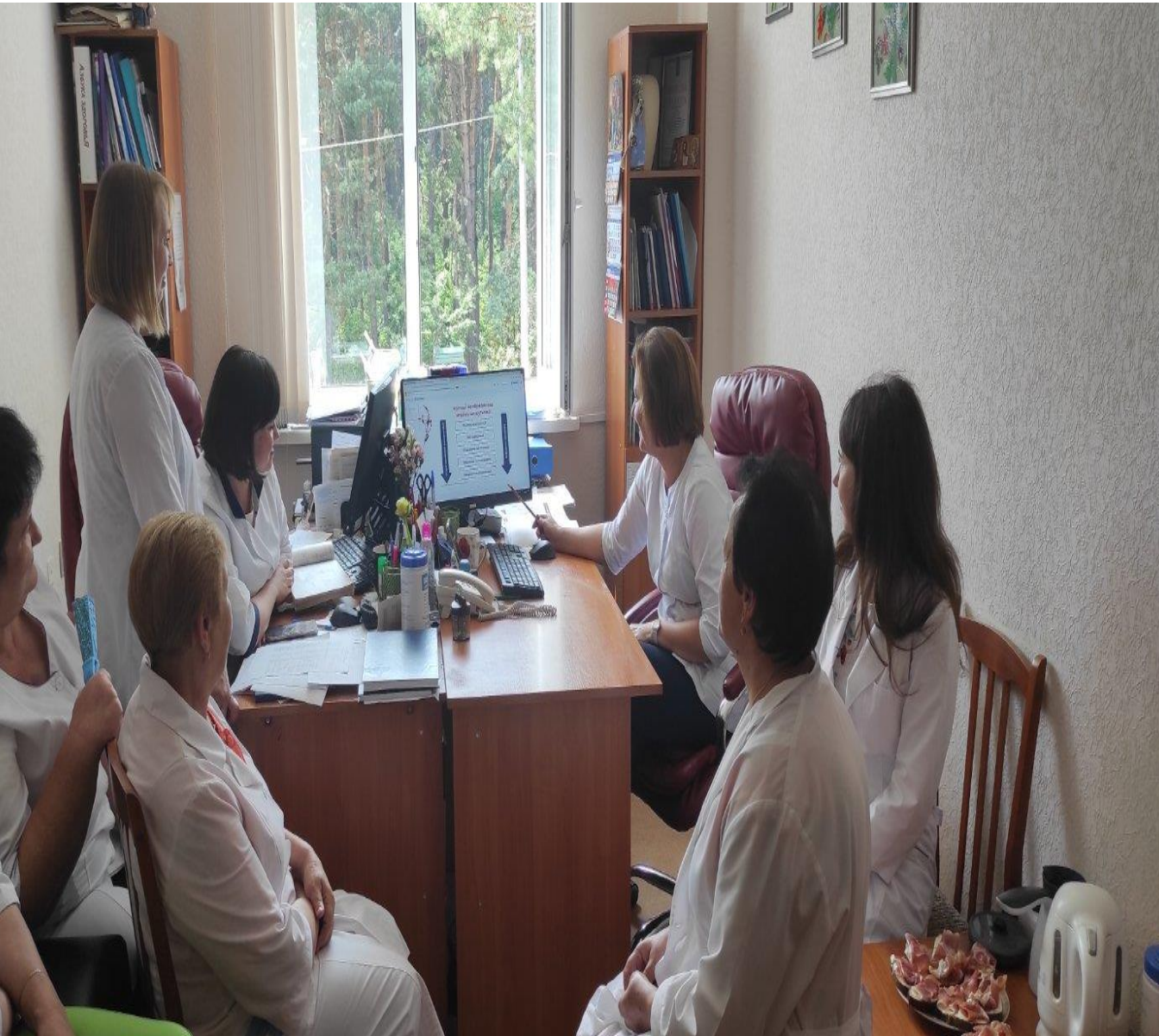
Training of doctors - lectures on HIV and tuberculosis, primary mental health, peer groups, primary pregnancy management.

Created orders for the center to implement patient pathways using international clinical recommendations.

An analysis of the functionality of MIS and social media was carried out, a report on the necessary changes was made.



# Trainings for doctors and nurses



# PATIENT-CENTERED APPROACH

- Implemented the regular feedback from patients. Created a questionnaire and conducted survey.
- Conducted diabetes school.
- Conducted lectures for teenagers "Healthy girl - healthy generation", "From physiological needs to physiology".



# Diabetes school



# EXPANSION OF SERVICES AT THE PHC LEVEL

- The new services of nurse were introduced.
- Quality indicators have been put into effect.
- "Medical assistance to tuberculosis patients" and "Approval of legal acts on protection against HIV infection during professional duties" trainings were held.
- Purchased new equipment and devices (a venous scanner, monoblocs, additional MIS workplaces, devices for putting on shoe covers, bilirubinometer, magnetic model of the body with internal organs, boxes for feedback etc.)
- a photo session of the medical staff was carried out



# Working together



# Improving knowledge and skills

- Improving our knowledge and skills (POCUS Trainings, Mental Health Trainings (mhGAP by WHO), TCCC Trainings, Communication skills etc.)
- Creating the space of communication (nationally and internationally)
- Searching the better ways to serve for the patients
- Reflecting on the impact of the experience of the war
- Dealing with burnout syndrome



# Vyshyvanka Day





- **“I have nothing to offer but blood, toil, tears and sweat”**

Winston Churchill, 13 May, 1940

**Thank you!**

# CHALLENGE FOR UKRAINIAN HEALTHCARE SYSTEM AT WAR

London  
11.04.2024



# AGENDA

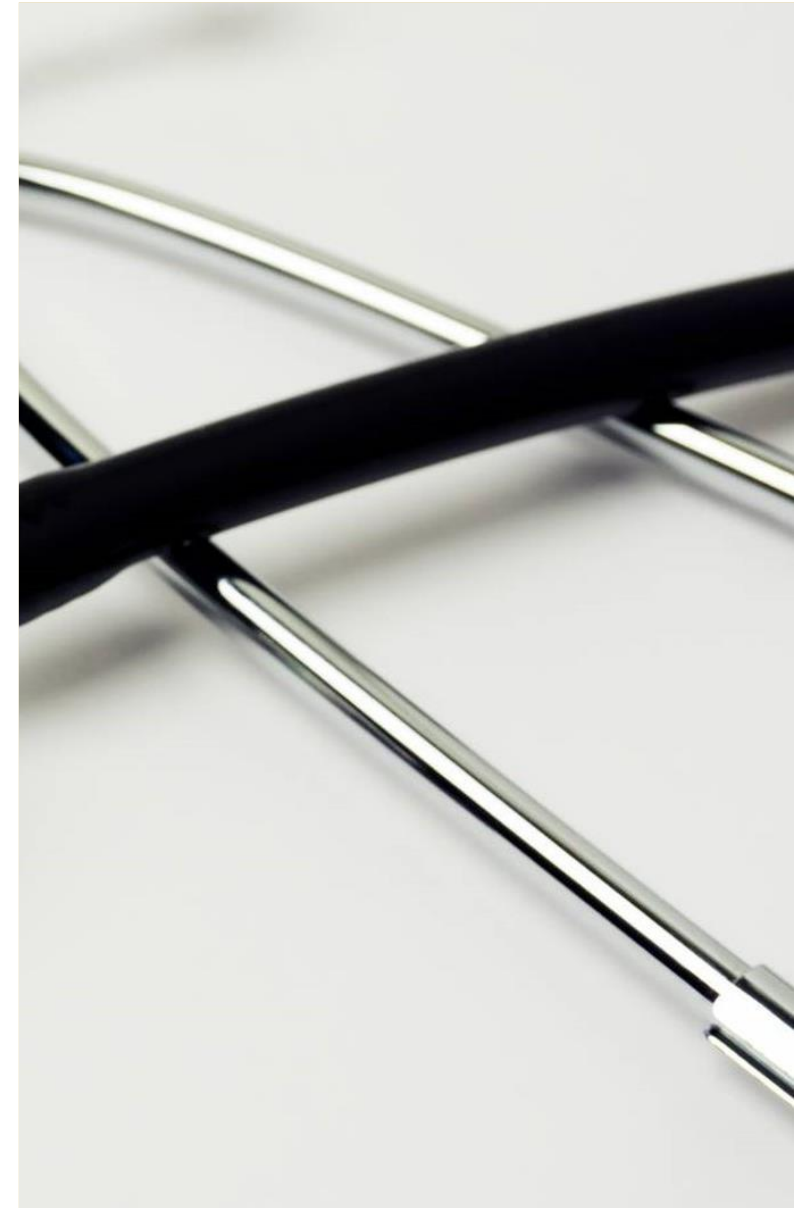
Healthcare workers

Patients

Options and services

Organization

Our vision of the future





DURING THE WAR IN UKRAINE OUR HEALTHCARE SYSTEM HAS FACED WITH NUMEROUS CHALLENGES AND PROBLEMS

ACCORDING TO MINISTRY OF HEALTH RUSSIANS HAVE COMPLETELY DESTROYED ALMOST 200 MEDICAL FACILITIES IN UKRAINE, 1218 FACILITIES HAVE BEEN DAMAGED. IN PARTICULAR, 540 HOSPITALS HAVE BEEN PARTIALLY DESTROYED, 173 – COMPLETELY, AND 593 PHARMACIES HAVE BEEN DAMAGED.



# SALUTAS MEDICAL CENTER

Ukraine, Lviv, [www.salutas.com.ua](http://www.salutas.com.ua)

Salutas Medical center is a private clinic working in Ukraine from 2019 and helps Ukrainian people.

Our Medical Center offers a wide range of different options and services in the field of health care for people suffering from all kinds of diseases.



31 physicians

4 practice nurse

50 different patients  
per day



## HEALTHCARE WORKERS

- Big challenge for our healthcare workers, esp. for the medical staff of our clinic
- We must work under pressure, dealing with vulnerable categories of patients, struggling for the health and life despite the lack of resources, uncertainty and very often in not safe environment
- Our team members are investing in care to support equitable outcomes
- Despite this difficult time, we try to extend our care for the patients



## PATIENTS

- Many Ukrainian people lost their homes and must travel regions to the safer regions and even abroad
- We have many patients with mental disorders (depression, anxiety, posttraumatic stress disorder)
- We should work with double efforts creating a good patient centered atmosphere, developing empathy and compassion
- Especially in our clinic we develop communication skills of our doctors, establishing doctor-patient relationship based on trust



## ORGANIZATION

- We helped our colleagues from the regions of Ukraine that were directly suffered by the war
- We offered the access to the medical electronic record system
- We organized online consultations with our colleagues abroad, helping the most difficult patients



# OUR EXPERIENCE

- At our clinic we change from the current health care system, which is built around diseases and institutions, to a system designed for people's everyday life
- We have found many opportunities to collaborate with our foreign colleagues
- We want to appreciate the world medical community for your support. And we are hope for the future communication and collaboration




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# OUR VISION OF THE FUTURE

Our future depends on our education in the wide sense of this word. It sounds hard, but this war unites the medical society and give us the opportunities to grow, to learn, becoming better people

We hope for further collaboration in the area of Continuing Medical Education (CME). It includes fellowships, scientific research, publishing the scientific articles, training programs of mental health and rehabilitation etc





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# THANK YOU FOR YOUR SUPPORT

**WE BELIEVE IN  
OUR VICTORY**



# Ukrainian Medical Association (UMA)



**1910 - 1939** – Ukrainian Medical Association in Lviv  
(West Ukraine in Austro-Hungarian Empire)

**1917 - 1920** – Ukrainian Union of Physicians (Kyiv)

**1977** – World Federation of Ukrainian Medical  
Associations (Chicago, USA)

**1990** – Ukrainian Medical Association  
*Vse-Ukrainske Likarske Tovarystvo*  
in Ukrainian language  
– renewed the activity

# World Federation of Ukrainian Medical Associations (WFUMA)



Founded in 1977 (Chicago, USA)

- North America (the USA and Canada), Argentina, Australia, Brazil, West Germany, Venezuela and Austria – from 1977
- Poland, Slovakia, the Czech Republic, Russia and Bulgaria, Lithuania – from 1991
- Great Britain, France – from 2010
- Switzerland, Angola – from 2020
- Greece, Japan, Sweden, Italy, Hungary, Spain – from 2022
- Malta, Israeli – from 2023
- Norway – from 2024

# SUPPORT OF THE WORLD MEDICAL COMMUNITY

## in the first days of the war, we were supported by the following international organizations



25 February 2022

### MEDICAL NEUTRALITY MUST BE OBSERVED IN UKRAINE

The World Medical Association (WMA) and the Standing Committee of European Doctors (CPME) express deep concern about the conflict in Ukraine initiated by the Russian Federation and strongly stress that the international principle of medical neutrality and human rights must be respected.

Prof. Dr Frank Ulrich Montgomery, Chair of Council of the World Medical Association, said "The World Medical Association deplores the unprecedented aggression in Ukraine by the Russian leadership. It calls on Russian leaders to respect the work of doctors and nurses in the country and the neutrality of health care institutions. Our thoughts are with Ukrainian colleagues and we appeal for a speedy end to hostilities."

Following reports of the shelling of a hospital in the Donetsk region, we emphasise that medical facilities must not be military targets, doctors and healthcare workers must not be prevented from performing their professional duties, and all efforts must be made to ensure that patients and casualties have full access to healthcare.

Preventing doctors from providing medical care to patients, or sanctioning them for doing so, contravenes international law as enshrined in conventions the Russian Federation has committed to observe.

Dr Christiaan Keijzer, President of the Standing Committee of European Doctors, said "We condemn any act of aggression that prevents doctors and healthcare professionals carrying out their duty of care to protect lives. European doctors stand in solidarity with their Ukrainian colleagues who are now working in the centre of the conflict and urge the swift end to all military aggression."

*For more information, please contact:*

Annabel SEEBOHM  
CPME Secretary General  
Tel.: +32 2 732 72 02  
Fax: +32 2 732 73 44  
e-mail: [secretariat@cpme.eu](mailto:secretariat@cpme.eu)  
website: [www.cpme.eu](http://www.cpme.eu)

Dr. Otmár KLOIBER  
WMA Secretary General  
Tel.: +33 4 50 42 6757 (office)  
Tel.: +33 6 73 90 7686 (mobile)



UNION EUROPÉENNE DES MÉDECINS SPÉCIALISTES  
EUROPEAN UNION OF MEDICAL SPECIALISTS

Association internationale sans but lucratif International non-profit organisation  
RUE DE L'INDUSTRIE, 24 T +32 2 649 51 64  
BE- 1040 BRUSSELS F +32 2 640 37 30  
[www.uems.eu](http://www.uems.eu) [info@uems.eu](mailto:info@uems.eu)

Brussels, 25<sup>th</sup> February 2022

To: The Ukrainian Medical Association

Prof. Oleg Musiy  
President of the Ukrainian Medical Association (UMA)  
Prof. Svitlana Yaremchuk  
Secretary of the Ukrainian Medical Association (UMA)

Cc: The Ukrainian Ministry of Health

The UEMS Constituency

Re: Letter of support to our Ukrainian colleagues

Dear Prof. Oleg Musiy,  
Dear Prof. Svitlana Yaremchuk,  
Dear Colleagues,

With this letter, we want to express our deep concern and sadness at the conflict instigated by the Russian Federation in Ukraine. We strongly condemn this violation of the Ukrainian territory and Russian aggression, and we stand by you during this most difficult time.

As the organisation representing the unified voice of medical specialists in Europe, we want to stress that it is imperative that medical specialists, but also all doctors, nurses and first aid responders continue to perform their duties. It is therefore crucial that their safety be safeguarded. We also strongly defend that access to healthcare must be maintained for all patients in need of assistance.

RUE DE L'INDUSTRIE, 24  
BE- 1040 BRUSSELS  
[www.uems.eu](http://www.uems.eu)

T +32 2 649 51 64  
F +32 2 640 37 30  
[info@uems.eu](mailto:info@uems.eu)



Following the Russian Federation's infiltration into Ukraine on the 24<sup>th</sup> of February, the European Forum of Medical Associations (EFMA) has issued the following statement.

The European Forum of Medical Association (EFMA) is increasingly concerned about the current conflict in Ukraine and reminds of the importance of adhering to and implementing rules of international humanitarian law protecting civilians and combatants, as well as medical, nursing and other health and humanitarian personnel.

EFMA is greatly concerned for the safety and well-being of all civilians impacted by this conflict both in terms of casualties and in addition to the increasing damage to already delicate health systems.

EFMA condemns any attacks directed at health personnel or health facilities and calls for the assurance that ambulances, health facilities or other structures which facilitate the work of health personnel are not targeted by military forces.

We are continuing to see the consequences of this conflict on civilians with an increasing number of refugees crossing the borders. We call for all countries to ensure that these displaced persons receive appropriate medical care when required.

EFMA stands in solidarity with our colleagues in Ukraine and urges to immediately end the conflict.



WORLD MEDICAL ASSOCIATION  
WMA

EN ES FR Join Us

WHAT WE DO POLICY PUBLICATIONS NEWS & PRESS WHO WE ARE JUNIOR DOCTORS MEMBERS' AREA

# Ukraine Medical Help Fund by WMA, CPME and EFMA

Campaign  
Ukraine Medical Help Fund by WMA, CPME and EFMA

Learn More





# Ukrainian Medical Help Fund



# From around World







# Ukrainian Medical Charity



## Creating a network of coordinated solutions for displaced people and refugees from Ukraine

Gothenburg, June 20-22 2022

### About the Alliance4Ukraine

The Alliance4Ukraine was founded in Germany a few days after the start of the war against Ukraine. The Alliance is under the patronage of the German Federal Government and was initiated by the non-profit organization Project Together. Over 400 civil-social organizations, governmental institutions, foundations, and private businesses are already part of the Alliance.

The Alliance4Ukraine strengthens already existing organizations, especially in Germany, that help refugees within a broad set of areas from childcare over registration to housing and job-seeking. Through our network of members and the Alliance4Ukraine fund, we support organizations in meeting refugees' needs.

### Example of our work: Crewing volunteer doctors for Ukraine

Our Alliance member Cadus e.V. is offering ambulance services and medical evacuations. Over a thousand German doctors indicated that they would like to volunteer and offer their medical services in Ukraine directly. We are helping Cadus e.V. to build a (digital) crewing and screening system to send the doctors to Ukraine – both through financial and project management support.

### Lighthouse Ukraine

Lighthouse Ukraine is a **day of encounter** that brings together refugees and volunteers, NGOs and the public sector. NGOs, public administration and businesses offer **direct access to help** on topics such as finding housing and work, health care, day care and schooling.

The Alliance4Ukraine has already successfully organised lighthouses in **10 cities** with over **25,000 visitors** (e.g., Berlin, Barcelona, London, San Francisco).

### We are looking for organisers in other cities for new lighthouses

We need Organisers of future lighthouses in cities around the world who will bring the fully developed concept to their city.

- Become the lead planner for the lighthouse in your city
- Mobilize local organizations that provide relevant offerings for refugees

Interested? Then get in touch with us

### Contact

Reach out to us if you have questions, ideas or if you could help to organize a lighthouse in your city



<https://projecttogether.typeform.com/lighthouse-eng>

Or contact us directly via  
[alliance4ukraine@projecttogether.org](mailto:alliance4ukraine@projecttogether.org)  
+49 030 609877680



<https://alliance4ukraine.org/lighthouse>

Further information about the lighthouses





# UMA North America - USA



Thank you to everybody for their support and help!

We have received a tremendous amount of donations. Please do not ship supplies to the warehouse unless you have contacted [omahutiak@gmail.com](mailto:omahutiak@gmail.com) or [olenagordon@gmail.com](mailto:olenagordon@gmail.com)

Thank you again.  
**UMANA**



To donate online go to [www.umana.org](http://www.umana.org)  
Please mail checks  
UMANA Foundation  
2247 W Chicago Ave  
Chicago, IL 60622





**UMANA** shipped 350 tons of medical supplies (worth > 10 million dollars) to Ukraine via four cargo plane shipments

And collaborating with three other diaspora organizations, UMANA donated a million dollars worth of medications  
“Million dollars for Meds” “Mission Medications”



# UMA in United Kingdom



The On-Call Room  
Medical Aid Ukraine

Fundraising for British-Ukrainian Aid



£85,052  
raised of £80,000 target  
by 1,203 supporters



## Rally London - Przemyśl

10/03/22

Call to all medics!



THE RALLY INVITES DOCTORS AND HEALTHCARE PRACTITIONERS ACROSS EUROPE TO JOIN OUR EFFORT OF BRINGING MEDICAL SUPPLIES AND VOLUNTEERS TO THE POLISH-UKRAINIAN BORDER.



Donate



[F2FDR.RALLY.FOR.UKRAINE@GMAIL.COM](mailto:F2FDR.RALLY.FOR.UKRAINE@GMAIL.COM) +44555029452

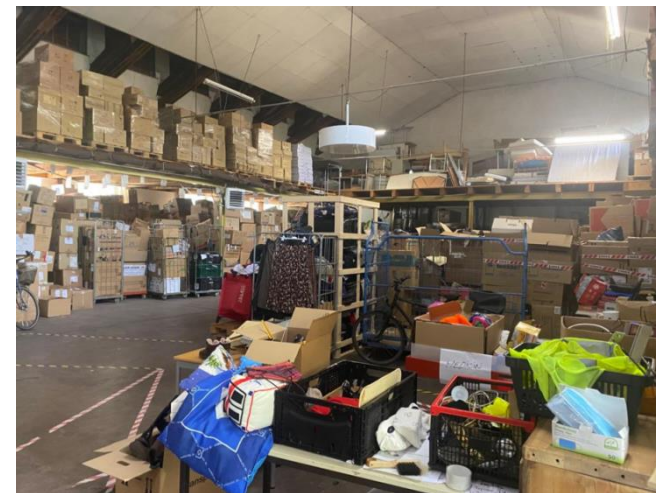
In the email message please state:  
\*name, job title, your current location are you a volunteer wanting to stay behind;  
\*do you have equipment / medical supplies / vehicle / other donations.

COORDINATED BY THE UKRAINIAN MEDICAL ASSOCIATION OF THE UK IN PARTNERSHIP WITH THE ON-CALL ROOM GROUP, BRITISH-UKRAINIAN AID CHARITY AND PLAST UK ORGANISATION.

RAISING DONATIONS VIA JUSTGIVING  
[HTTPS://WWW.JUSTGIVING.COM/FUNDRAISING/MEDICALAIDUKRAINE](https://www.justgiving.com/fundraising/medicalaidukraine)



# UMA in Germany







BR



78 0 Merken Teilen

Deutschland  
**Hilfe für Lebensretter in der Ukraine**

BR Fernsehen Online bis 12.05.2023, 15.05.2022, 16:45 Uhr 00:04 Uhr Warum? 9 Min

Tausende Tote, Zehntausende Verletzte im Krieg. Ukrainische Ärztinnen und Ärzte haben hier in Deutschland ein besonderes Hilfsprojekt organisiert: Medizinisches Material und Rettungsfahrzeuge für die Ukraine zu organisieren.



# Poland, Slovakia, Czech Republic, Greek



# Switzerland, Austria, the Netherlands, ...







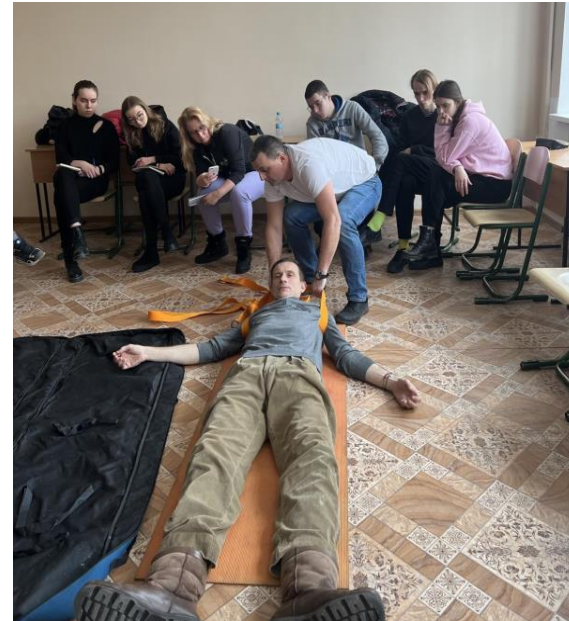
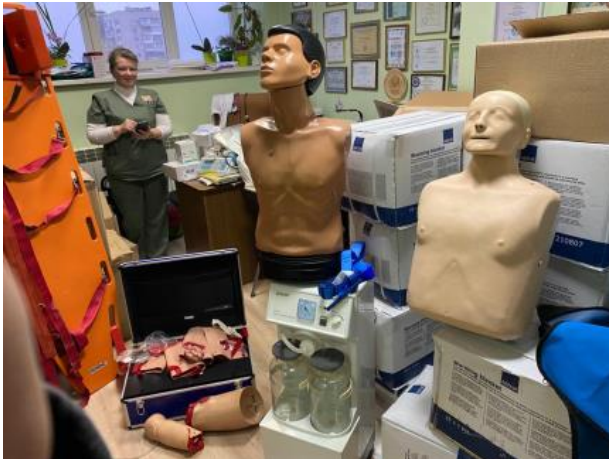
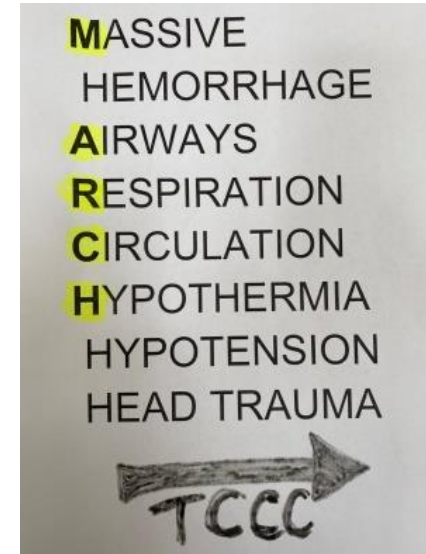


# Israeli field hospital





# TCCC «Tactical Combat Casualty Care»



# Danylo Halytsky Lviv National Medical University

Founded in 1784

- 5 faculties
- 79 departments
- National Center for National Research and Industrial Toxicology and the Laboratory of Industrial Toxicology
- Research center for testing anticancer drugs
- Dental center
- Pharmacy Training Centre
- Scientific and medical library
- Institute of Clinical Pathology
- Museum of human disease
- Anatomical Museum
- Medicinal Botanical garden





- The number of foreign students
- 2021 – 1620,
- 2022 – 1079,
- 2023 – 488.
- Countries from which foreign students study (in total 18):
- Poland, Spain, France, USA, Canada, Georgia, Belarus, India, Egypt, Tunisia, Morocco, Lebanon, Jordan, Palestine, Ecuador, Nigeria, Ghana, Zambia



# UMA North America (USA) and MedGlobal



# Training sessions from the American Association of Surgeons (AAS) and the National Association of Emergency Medical Technicians (NAEMT)



## Chemical Weapons Nerve Agents

Riley G. Jones, MD MSc MSc DTM&H FACP  
Board of Directors- MedGlobal  
Assistant Professor of Medicine and Global Health- University of Florida



UMANA



Ukrainian Medical Association of North America



**RESUSCITATION  
COMBINED BURN TRAUMA**

РЯТУНОК РАНЕНИХ ІЗ ОПІКАМИ  
ТА ІНШИМИ ПОРАНЕННЯМИ

**L. Cancio**  
MD FACS  
Colonel (ret.), MC, US Army Director  
US Army Institute of Surgical Research

ZOOM 31.03 16:00



**ДОГЛЯД ЗА ОПІКАМИ  
ВІДНОВЛЕННЯ  
В ГОСТРИЙ ПЕРІОД**

BURN CARE – REHABILITATION  
DURING THE ACUTE PHASE

**L. Cancio**  
MD FACS  
Colonel (ret.), MC, US Army Director  
US Army Institute of Surgical Research

ZOOM 1.04 18:00





# Training sessions from the Israeli Medical Associations



**Air-way management**  
Збереження дихальних

13.3.2022 | 17:00



**Bleeding control**  
Контроль кровотечі

15.3.2022 | 17:00



**Multi Trauma**  
Масова травма

17.3.2022 | 17:00



**Pediatric Trauma**  
Травма у дітей

21.3.2022 | 17:00





## TELEHELP UKRAINE

TeleHelp Ukraine provides free quality medical and mental health support to Ukrainians affected by the war through telemedicine services from a global network of clinicians, interpreters, and volunteers with a focus on patient advocacy and care coordination.

**They're looking for:** Ukrainian- and/or Russian-speaking doctors and translators to provide free consultations to Ukrainian patients in-need.

**How to get involved:** Visit their [website](#) or sign up to volunteer [here](#). Please reach out to [info@telehelpukraine.com](mailto:info@telehelpukraine.com) with any questions.

**FOR MORE INFORMATION PLEASE REACH OUT TO**

[telehealthumana@gmail.com](mailto:telehealthumana@gmail.com)

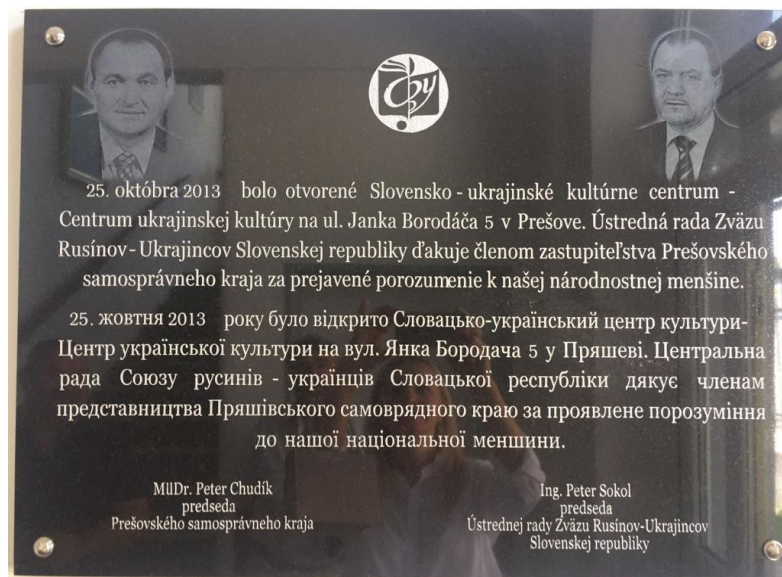


## Telemedicine Equipment, RearWear Inc. (USA)



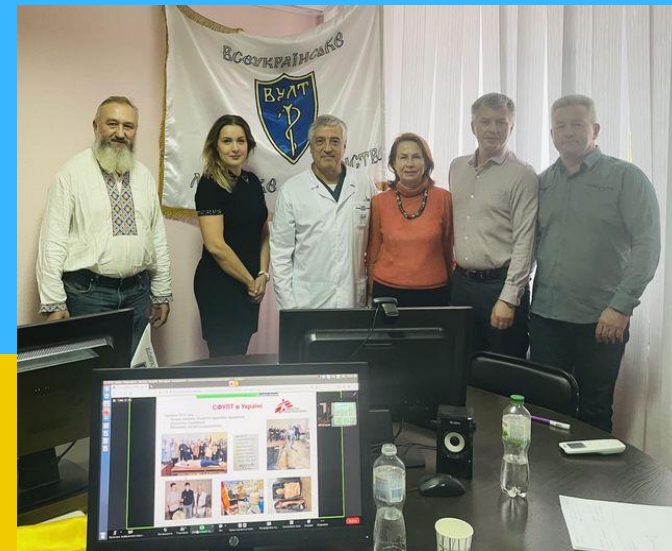


# Conference Pryashiv (SLOVAKIA) 27.07.2022





# The XIX CONGRESS OF THE WORLD FEDERATION OF UKRAINIAN MEDICAL ASSOCIATIONS - 27-29.10.2022 Uzhgorod (Ukraine)







# WFUMA and UMA at the 37th EFMA meeting (Warsaw, June 2023)





**SLAVA UKRAINI!  
GLORY TO UKRAINE!**



**Thank you  
for your support**

...

***Andriy BAZYLEVYCH***

***President of the World Federation  
Ukrainian medical associations***

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abazylevych@ukr.net**