



Expanding Access to Pediatric Clinical Services in in Ukraine's Conflict Zones Through Telehealth

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RUSSIAN INVASION OF UKRAINE

On February 24th 2022, Russia launched a full-scale invasion of Ukraine – a conflict still ongoing today

The UN estimates 15,000+ civilians have been killed, including 775+ children, and 42,000+ others injured ¹

Hospitals and clinics have been damaged or destroyed, resulting in shortages of medical equipment and trained staff

Greater risk in accessing subspecialty hospital care, especially in frontline areas

Increase in trauma-related injuries, a rise in untreated chronic illnesses, and a growing mental health crisis

HTWB'S PRIOR WORK IN UKRAINE: TELEMEDICINE & SUPPORTING PATIENTS

We have been providing support for the physical and mental health of Ukrainians since the beginning, helping them manage the ongoing trauma of living in a war zone

In partnership with Doctor Online, we offer day and night access to digital health resources to provide access to healthcare to local facilities

We delivered 100,000+ telemedicine consultations in Ukraine ²

Diagnostic Group	# Visits	%
General Care and Prevention	26604	42.4%
Infectious Disease	12234	19.5%
Pediatrics	4150	6.6%
Dermatologic	3355	5.3%
Neurological	3316	5.3%
Psychological	2827	4.5%
Gastrointestinal	2572	4.1%
Pregnancy	2472	3.9%
Ears-Nose-Throat and Dental	1096	1.7%
Gynecological	793	1.3%
Musculoskeletal	740	1.2%
Cardiovascular	419	0.7%
Endocrine	387	0.6%
Trauma	129	0.2%
All Other Diagnostic Categories	1712	2.7%
Total	62806	100.0%

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UCAP'S WORK IN UKRAINE: TELEMEDICINE & SUPPORTING CHILDREN AND YOUTH

Ukraine Children's Action Project (UCAP) was launched in May 2022 to support displaced Ukrainian families and provide relief efforts in Ukraine

By 2023, UCAP had established regional operations in Lviv, Expanded its on-the-ground partnerships and funded children's medical, educational and mental health programs across Ukraine and Poland

In its first 4 years, UCAP raised \$8.2+ million to support 44 partners, directly benefiting over 146,000 children, teachers, & family members affected by the war



WHY TELEMEDICINE (FOR CHILDREN) IN UKRAINE?

2.4 million children in Ukraine are in urgent need of humanitarian assistance, particularly improved healthcare access ³

Cities in eastern Ukraine, such as Dnipro, have been particularly affected by the ongoing war ⁴

Telemedicine can reduce the need to transport critically ill patients, while a coordinated network of pediatric hospitals can support more efficient reallocation of resources and specialized care

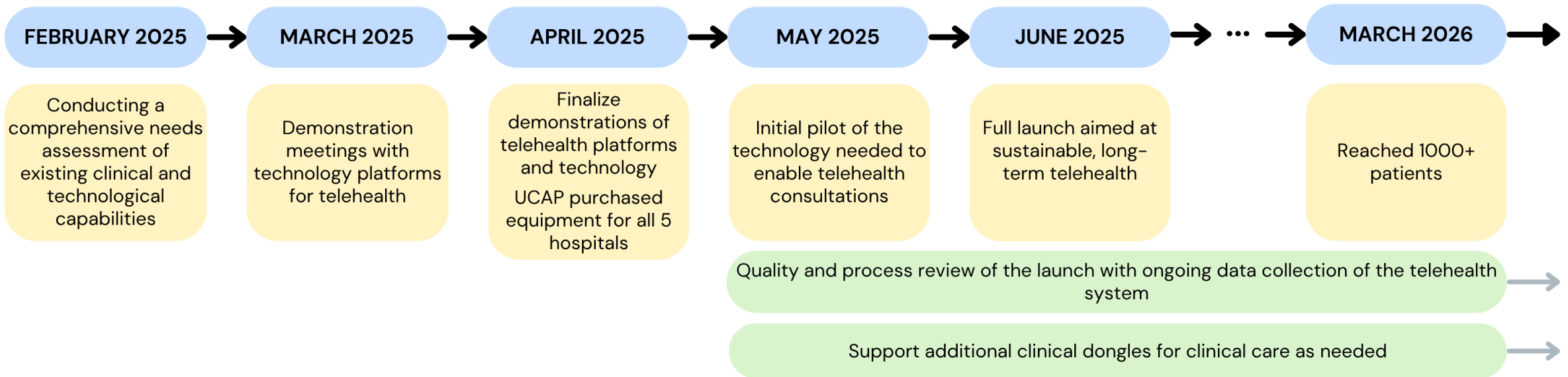
OUR VISION & MISSION

UCAP partnered with Dnipro Regional Medical Centre (DRMC) after Ministry of Health identification for telehealth development with a goal improve access to pediatric subspecialty care amid increasing travel risk

With HWTB, we collectively aim to improve access, quality, & efficiency of pediatric care across a network of four regional hospitals in Dnipro



METHODS & MAJOR MILESTONES

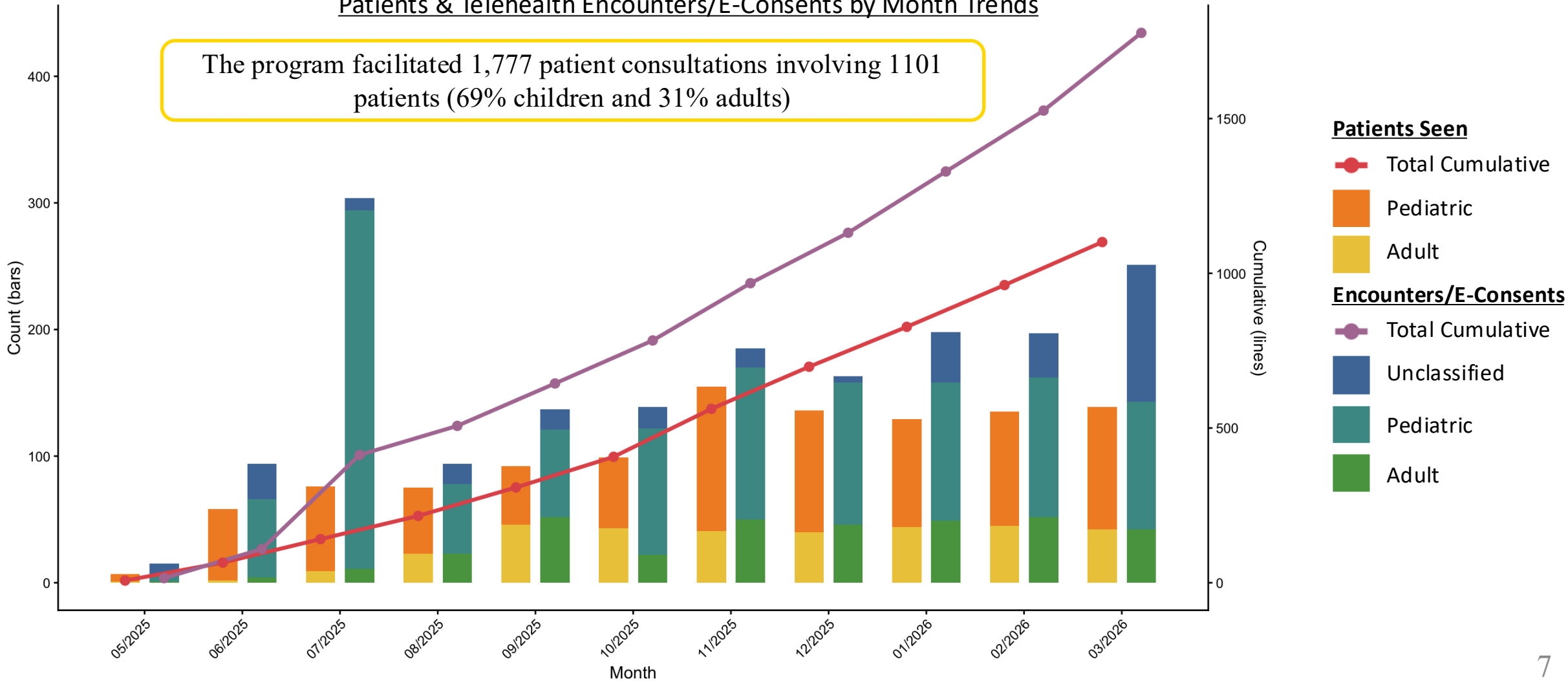


Throughout, we monitored impact and facilitated sessions with international pediatric experts for complex cases and training

HOSPITAL'S IMPACT

Patients & Telehealth Encounters/E-Consents by Month Trends

The program facilitated 1,777 patient consultations involving 1101 patients (69% children and 31% adults)



HOSPITAL'S IMPACT

OVERALL TOP 5 SPECIALTY – PEDIATRICS (by patients)

	Specialty	Total
1	Neurology	176
2	Psychiatry	171
3	Trauma	106
4	Palliative Care	66
5	Surgery	53

OVERALL TOP 5 DIAGNOSES – PEDIATRICS (by patients)

	Diagnosis	Total
1	Moderate and Severe Intellectual Disability	204
2	Neurosurgical and Orthopedic Conditions requiring Surgical Correction	88
3	Perinatal Central Nervous System Injury	88
4	Encounter for Palliative Care	85
5	Neurological Disorders	64

HOSPITAL'S IMPACT

Adults seem to have more encounters per patient than pediatrics

The program has grown beyond its initial focus to incorporate direct home-based consultations, with an average monthly growth rate of 124%

The initiative supports cross-border consultations, with Dnipro clinicians providing care to Ukrainian patients abroad

CONCLUSIONS

The telehealth program in Dnipro has demonstrated early success in expanding care access for vulnerable populations, especially children, in conflict-affected regions

These results highlight a scalable, adaptable digital health model capable of addressing both urgent and long-term healthcare needs locally and beyond

OUR FUTURE IMPACT

Our goal is to continue building a sustainable healthcare ecosystem, expanding reach across Ukraine and to other war-affected regions globally

HTWB aims to integrate advanced imaging and large language models (LLMs) to improve clinical decision-making, triage, care coordination, and data efficiency.

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The brave people of Ukraine



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CLINTON
GLOBAL
INITIATIVE



HARVARD
MEDICAL SCHOOL



MASSACHUSETTS
GENERAL HOSPITAL

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Thank You!