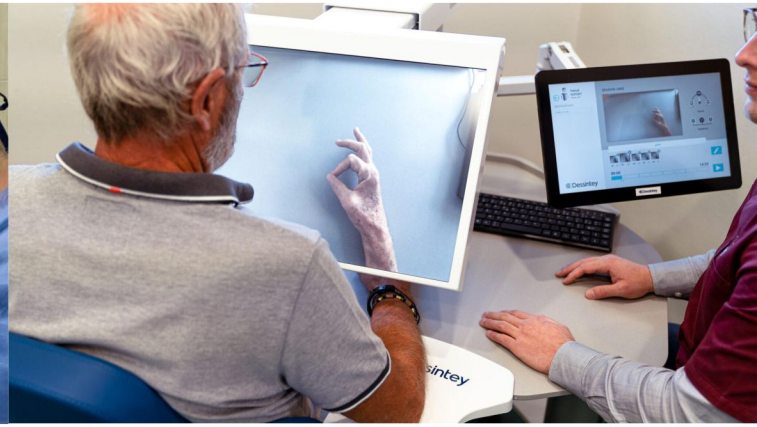
PROJECT SUMMARY

The Municipal Non-Profit Enterprise "Central City Clinical Hospital" of Sumy City Council, a cluster hospital serving the Sumy Territorial Community, has strong clinical expertise in:

- ORTHOPAEDICS
- TRAUMA SURGERY
- CARDIOLOGY
- STROKE MEDICINE
- REHABILITATION MEDICINE





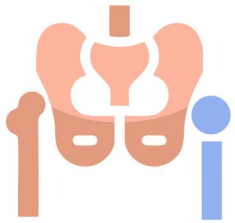




The hospital plans **to expand its rehabilitation capacity** by establishing a major regional center for comprehensive rehabilitation, including care for patients with limb amputations.

PRIMARY ROJECT GOAL

To provide comprehensive rehabilitation for patients



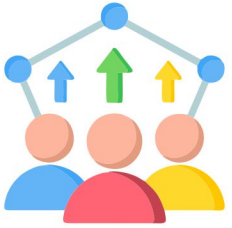
MEDICAL REHABILITATION



PHYSICAL REHABILITATION



PSYCHOLOGICAL REHABILITATION



SOCIAL REHABILITATION

PRIMARY GOAL

To ensure comprehensive patient recovery — medical, physical, psychological, and social.

We help people regain their health, independence, and self-confidence after serious illnesses and injuries

PATIENTS OF THE CENTER

- ✓ patients recovering from strokes and myocardial infarctions;
- ✓ patients with oncological conditions;
- ✓ patients with hearing and visual impairments;
- ✓ patients following limb amputation, including prosthetic fabrication, fitting, and adjustment.

AREAS OF REHABILITATION

NEUROREHABILITATION

Recovery following ischemic and hemorrhagic stroke, including restoration of: motor function, speech, memory and attention, and self-care skills.

ORTHOPAEDIC REHABILITATION

Recovery after fractures, injuries, and musculoskeletal surgery, including:
joint replacement, ligament reconstruction, spinal surgery, pain management, restoration of joint mobility and muscle strength, regaining confident walking, training in safe movement, and prevention of recurrent injuries.

REHABILITATION AFTER LIMB AMPUTATION

Preparation for prosthetic fitting, prosthetic fabrication and individual fitting, gait training and prosthesis use, as well as psychological support.

CARDIAC REHABILITATION

Support for patients following myocardial infarction, cardiac surgery, and with chronic cardiovascular conditions, including: safe and gradual increases in physical activity, monitoring of cardiac status, and prevention of recurrent cardiovascular events.

ONCOLOGY REHABILITATION

Restoration of physical strength and quality of life during and after cancer treatment, together with psychological support for patients and their families.

HEARING REHABILITATION

Selection and fitting of hearing aids, auditory and speech training, and adaptation to communication in everyday life.

VISION REHABILITATION

Restoration and optimization of visual function, orientation and mobility training, use of assistive devices, and return to everyday and professional activities.

OUR APPROACH

→ **Each patient is supported by a multidisciplinary team:**
physicians, physical therapists, occupational therapists, speech and language therapists, psychologists, and social workers.

→ **We develop an individualized rehabilitation program for every patient**
based on their diagnosis, functional capacity, and personal life goals, with progress assessed at every stage.

THE OUTCOMES WE AIM FOR:

- ✓ greater independence
- ✓ fewer functional limitations
- ✓ a return to a full and meaningful life — with family, in the community, and at work

In the future, we plan to introduce **osseointegrated prosthetics** as an advanced rehabilitation option for patients with limb amputations.



Due to limited available space, the hospital is seeking partners to support the financing of the project.

PROBLEM STATEMENT

- As a result of the full-scale war, the number of people requiring rehabilitation medicine services has increased significantly, including patients with limb amputations.
- The hospital's existing facilities do not have sufficient additional space to expand rehabilitation services.
- The lack of space for installing modern rehabilitation equipment limits the hospital's ability to provide high-quality care.
- The Sumy region currently lacks a comprehensive rehabilitation center for patients with visual and hearing impairments and for patients with limb amputations, including facilities for prosthetic fabrication, fitting, and adjustment.



ONCOLOGICAL REHABILITATION DESERVES PARTICULAR ATTENTION

Only three facilities in Ukraine currently provide specialized rehabilitation services in this area, while the number of patients with cancer continues to increase each year.

TARGET PATIENT GROUPS

- Civilians with other medical conditions requiring rehabilitation, including:
  - consequences of injuries;
  - stroke;
  - myocardial infarction;
  - chronic pain;
  - neurological disorders.
- Civilian patients with traumatic injuries, including injuries resulting in limb loss.
- Patients with cancer following systemic therapy and surgical treatment.
- Veterans and civilians requiring comprehensive, long-term rehabilitation following war-related injuries and associated conditions.
- Civilians injured as a result of hostilities.



FUNDING SOURCES

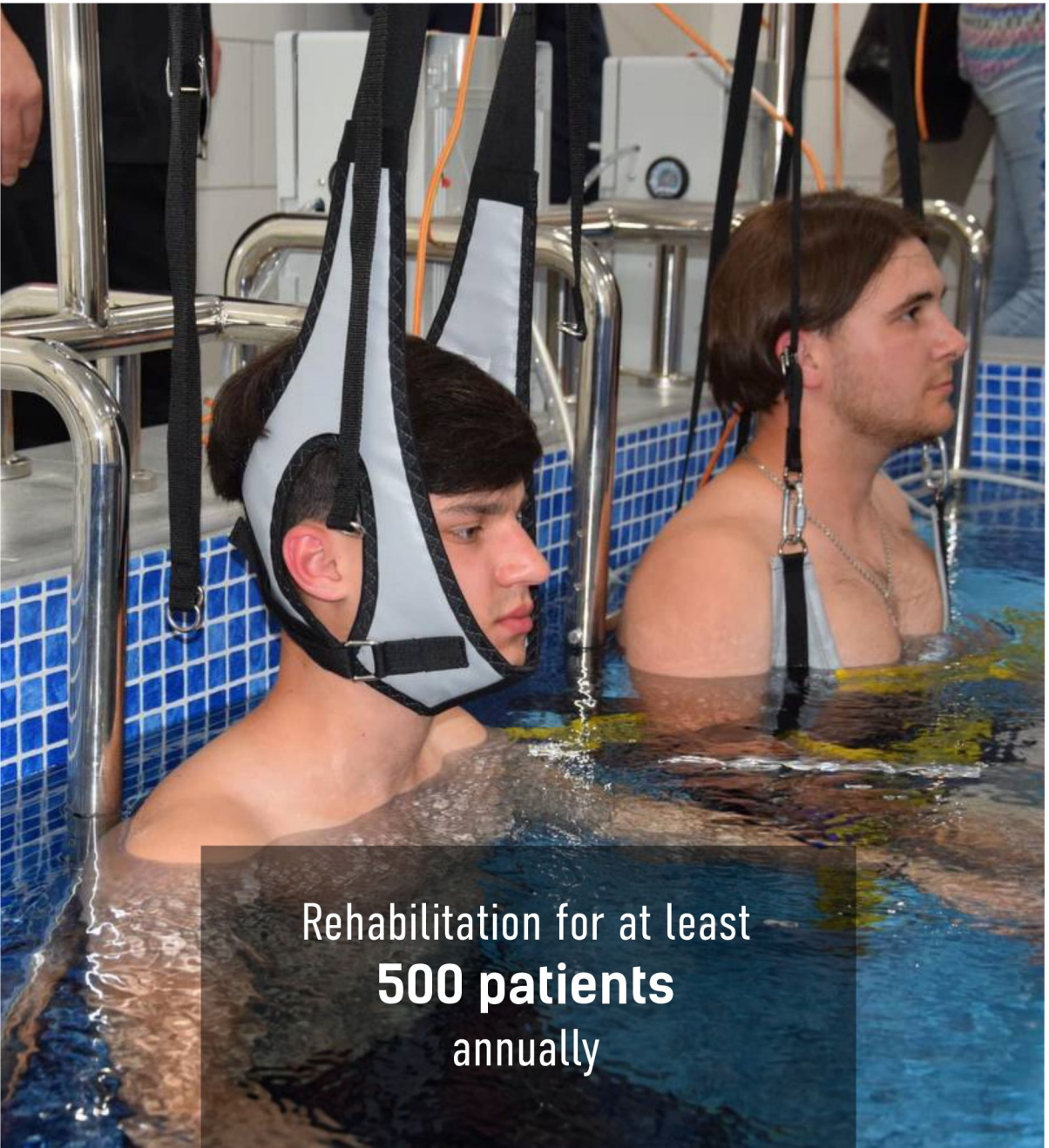
- ✓ Funding from private and international donors
- ✓ Grant programs in rehabilitation and prosthetics
- ✓ Government participation through public-private partnerships (PPPs)

PROJECT ADVANTAGES

- ✓ Use of the hospital's existing infrastructure and clinical workforce capacity
- ✓ Strategic location of the hospital within the region
- ✓ High social impact
- ✓ Potential for scaling the model to other regions



EXPECTED OUTCOMES



Full operation of the region's only
comprehensive rehabilitation center

Improved quality of life
for patients with visual and hearing impairments, limb amputations, and cancer.

Access to modern comprehensive rehabilitation care
for residents of the region.

Social reintegration
of veterans and civilians affected by the war.