

# Rehabilitation Centre «Sumy»



# Contents

- 1.Rehabilitation Needs and Future Plans (pages 3–4)
- 2.Current Services and Capacity of the Specialized Dispensary (page 5)
- 3.Purpose and Function of the Future Rehabilitation Center (page 6)
- 4.Location and Environment (page 7)
- 5.What Do We Want to Do? (pages 10–11)
- 6.Planning (pages 12–28)
- 7.Equipment (pages 30–35)
- 8.Contact Information (page 36)



What do we have now?



Currently, there is no full-fledged Rehabilitation Center in Sumy region with the ability to manufacture and select prostheses for patients who have lost limbs.



**In 2024**, 7,183 people received rehabilitation services in Sumy region.

**In 2025**, such a need for rehabilitation services of varying complexity will already amount to more than 9,000 people only in the hospitals.

**And in 2026-2030**, according to forecasts, this number will be at least 10,000 people annually.

The need for rehabilitation treatment of **disturbances in the functioning of the musculoskeletal system** in Sumy region will grow rapidly and may amount to 90% of all combatants returning from the war in 2026-2030, which could be up to 50,000 people annually, or even more.

**Potential target audience of the future Center:** military personnel, veterans, civilians injured as a result of hostilities, and patients with injuries that led to the loss of limbs.



We plan to renovate a building of **Regional specialized dispensary for radiation protection of the population** with a total area of 3,500 sq. m, located in the immediate vicinity of the hospital complex, and transform it into a multifunctional Rehabilitation Centre.

The medical building of the dispensary was built in the 80s of the last century according to the design of the sanatorium and has a block system of medical wards with separate toilet rooms, but today the complex needs major repairs.

The inpatient ward will be expanded to 50 beds, which will allow us to treat up to 1,500 patients annually. Also, 120-150 people will be able to receive outpatient treatment at the same time.





Today the non-profit enterprise of the Sumy Regional Council "Sumy Regional Specialized Dispensary for Radiation Protection of the Population" provides specialized inpatient, outpatient, rehabilitation, and psychological medical care for a wide range of patients.

### **The structure of the Specialized Dispensary:**

- **An outpatient clinic**, with the possibility of 90 patient visits per day, based on which doctors in almost 20 specialties (therapy, surgery, endocrinology, neurology, otolaryngology, psychotherapy, ophthalmology, gynecology, dermatology, urology, cardiology, pulmonology, gastroenterology, rheumatology, vascular surgery and others) conduct appointments, and there is also a Medical and Psychological Rehabilitation Center
- **Inpatient departments** with 150 beds (therapeutic, cardiological, neurological, surgical, rehabilitation), in 2024 - 6,856 patients were treated; in 6 months of 2025 - 5,234 patients were treated
- **Diagnostic units** (X-ray examination: 2024 – 6,957, 6 months of 2025 – 3,518; ultrasound examination: 2024 – 22,508, 6 months of 2025 – 6,952; endoscopy: 2024 – 572, 6 months of 2025 – 342; CLD examination: 2024 – 271,825, 6 months of 2025 – 142,782)

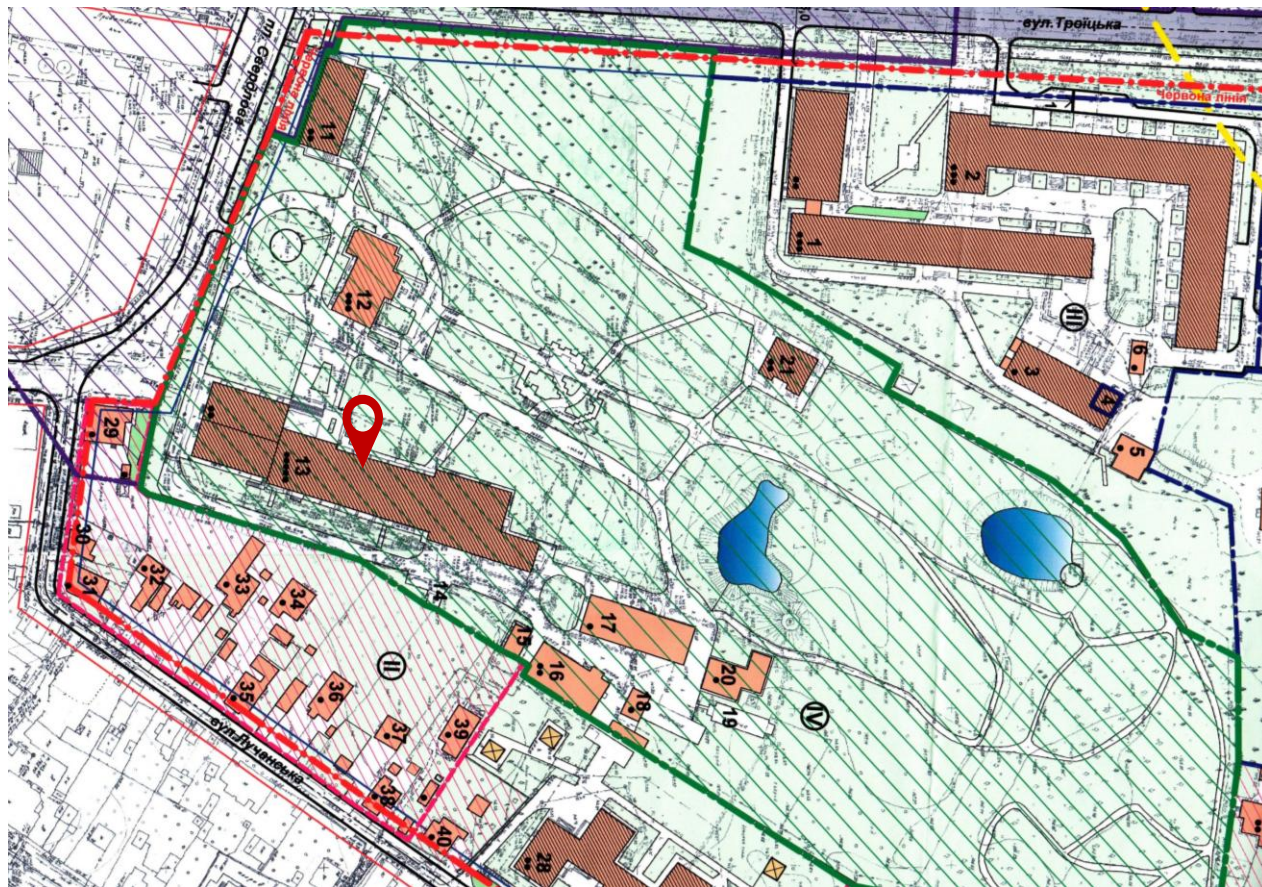
For 2025, contracts have been concluded with the **National Health Service of Ukraine** for 9 packages



The purpose of creating a Rehabilitation Center is to provide conditions for high-quality recovery and/or maintenance of optimal physical and mental health of military personnel, veterans, survivors of captivity, torture, and occupation. As well as restoring the health of family members of the deceased, prisoners of war, missing persons, and other persons with injuries and recurrent disorders caused by the war.

Separate rooms will be designed for group and individual work with patients. This will allow for continuous professional development of doctors from the multidisciplinary rehabilitation team in Sumy, without the need to travel to other large cities of Ukraine or seek their professional realization abroad.





The hospital is in the historical part of the city of Sumy, on the territory of the Asmolov Park with an area of 5.3 hectares.

This allows you to use the park for the design and location of a sports ground for practicing adaptive sports for veterans with disabilities, a path along the perimeter of the park for walking in wheelchairs, separate areas for organizing meetings with loved ones, etc.



The Hospital generally has the conditions for rehabilitation and restorative treatment:

- 2 gyms with an area of 97 sq. m and 279.6 sq. m are equipped
- There is some equipment for the rehabilitation of patients with musculoskeletal, cardio-respiratory and nervous systems, after surgical interventions



Multidisciplinary rehabilitation teams provide outpatient and inpatient medical rehabilitation with the development of individual rehabilitation plans for a wide range of pathologies.

The team includes: a doctor of physical rehabilitation medicine, an occupational therapist, a physical therapist, their assistants, doctors and specialists in related specialties (neurologist, orthopedist, cardiologist, psychotherapist, psychologist, speech therapist)





The need for rehabilitation treatment in the Sumy region alone will grow rapidly and may amount to **90% of all combatants returning from the war in 2026-2030**, which could be **up to 50,000 people or even more**.



What do we want to do?



We envisioned the creation of a modern mental health center for military personnel, veterans, and their families.

The 6th and 7th floors of the complex are a modern safe space for mental recovery, where comfort and functionality are combined with innovative solutions.

All rooms create an atmosphere of trust, peace, and support, and thanks to innovative equipment, assistance is provided according to the best international practices.



The space is designed to make every visitor feel comfortable: wide doorways, no thresholds, medical anti-slip linoleum, and inclusive sanitary rooms with sufficient space for people in wheelchairs.

Everything necessary for comprehensive care is provided here: a reception with a waiting area, four specialist offices for individual, family, and psychiatric support, a group therapy room, single-bed day hospital wards with innovative multifunctional beds.

The center has a manipulation room, a doctor's office and inclusive sanitary rooms, accessible to visitors, including people in wheelchairs.

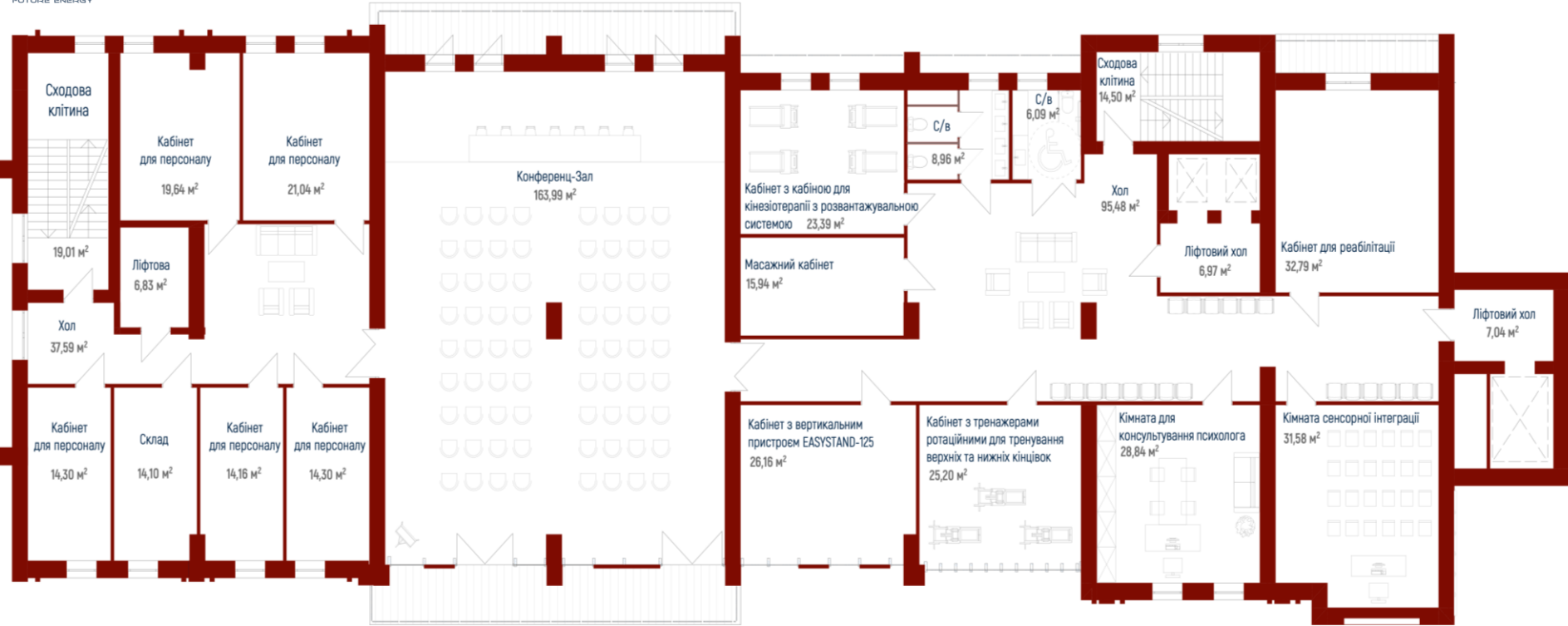


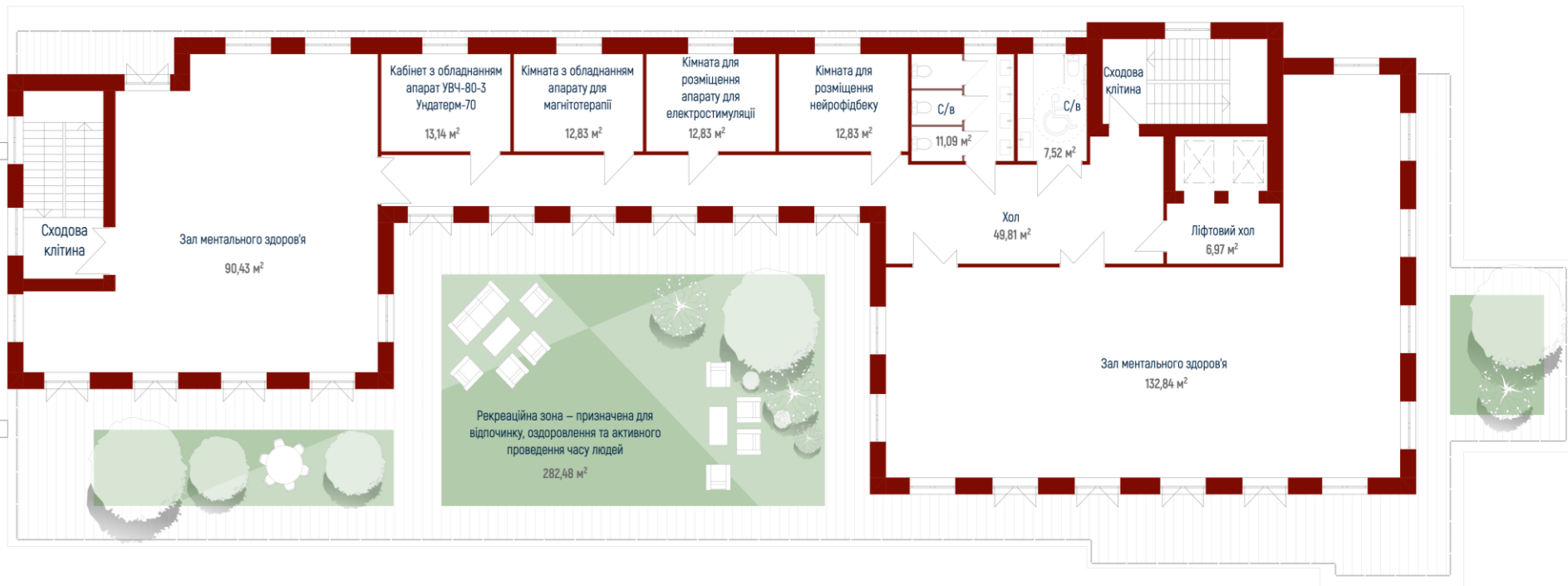
The key area of the specialists' work will be supporting people who are experiencing the effects of stress, anxiety disorders, depression, post-traumatic stress disorder (PTSD), adaptation and psychosomatic difficulties.

The team of specialists will use effective approaches, including cognitive-behavioral therapy, Gestalt therapy, trauma-focused therapy, EMDR therapy, stabilization and self-regulation techniques, as well as crisis counseling.











Perspective vision (Main building of the hospital)



Perspective vision (Main building of the hospital)



Perspective vision (Main building of the hospital)



Perspective vision(building terrace K-1; K1-1)



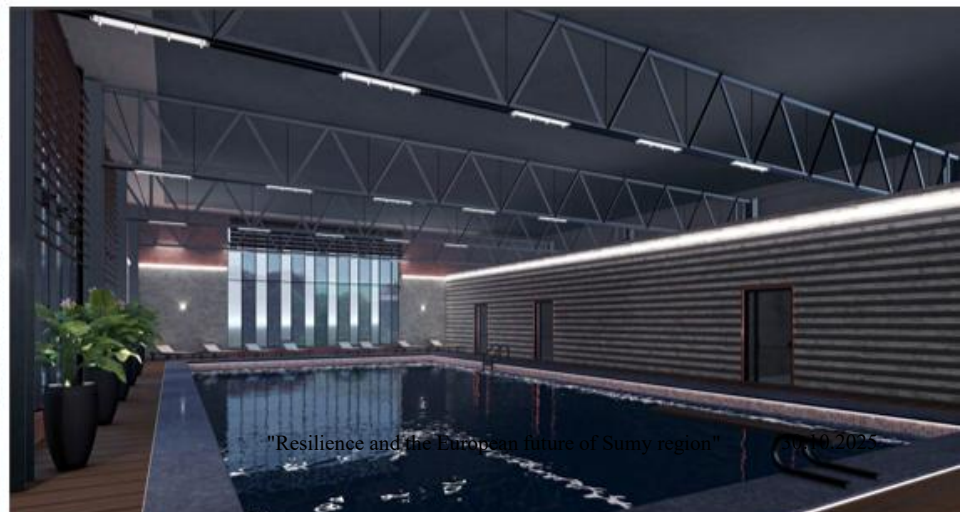


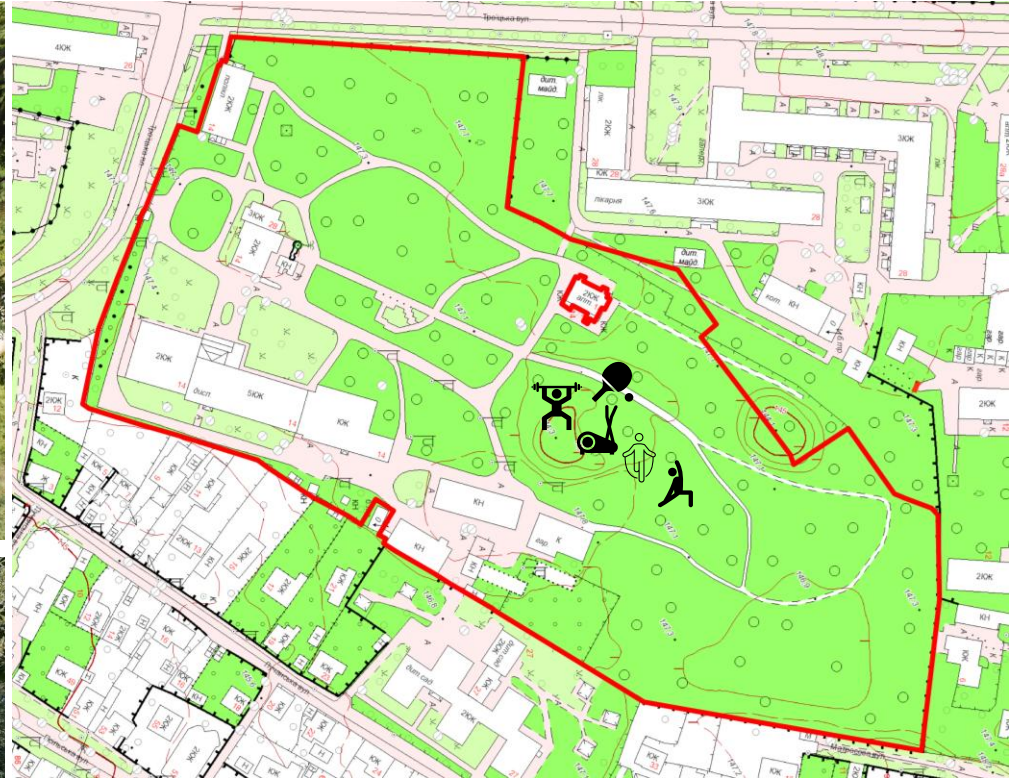
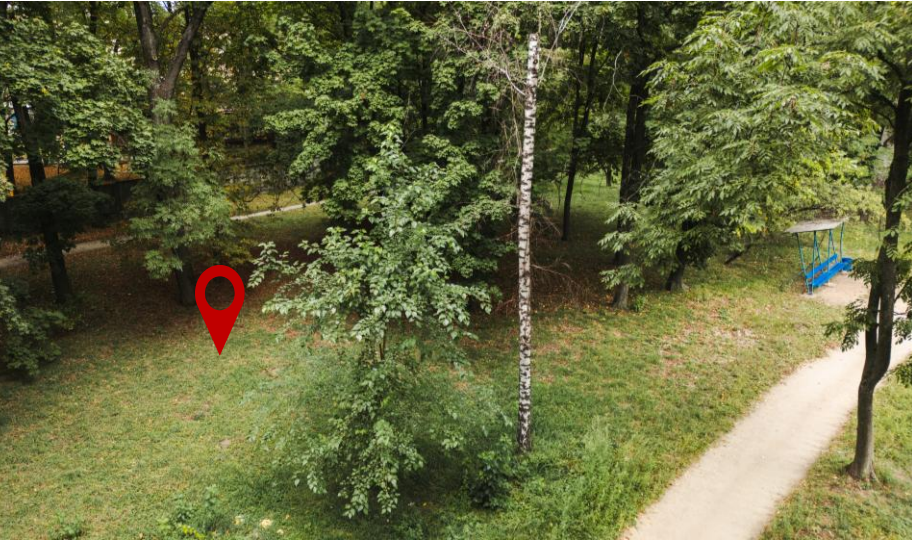


Perspective vision (Sports hall for rehabilitation)



Perspective vision (Sports hall for rehabilitation and swimming pool)





We plan to create a park sports field for patients of the rehabilitation center, including adaptive tennis, rowing on simulators, sitting volleyball, etc.



Perspective vision (sports field in the park)



Perspective vision (sports field in the park)





Perspective vision (Artificial reservoir, option 2)



How will rehabilitation take place?

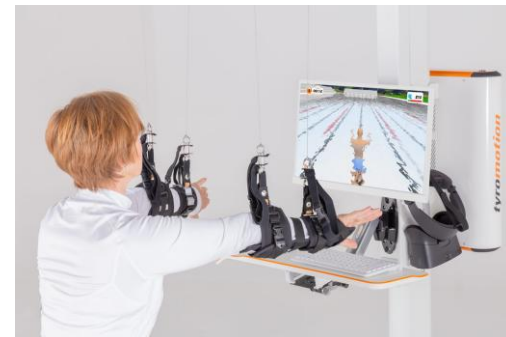
## Occupational therapy equipment



Multisensory therapeutic device for motor and cognitive rehabilitation MYRO



Tirostazione, a device for restoring cognitive impairments



Diego - a device for restoring upper limb motor skills and cognitive impairments



Exercise machine for active and passive use for upper and lower extremities



Universal exercise machine Norma-Trade (rehabilitation table)

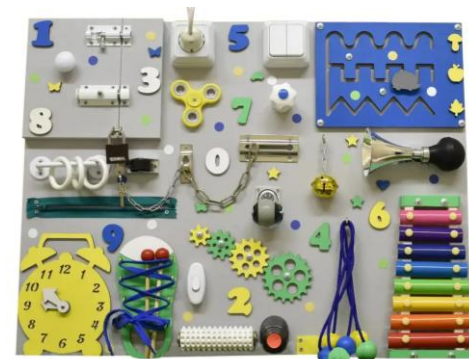


Gloreha Crescendo upper limb rehabilitation device

## Occupational therapy equipment



Robot simulator for upper limb rehabilitation



Busy board



Occupational therapy kitchen

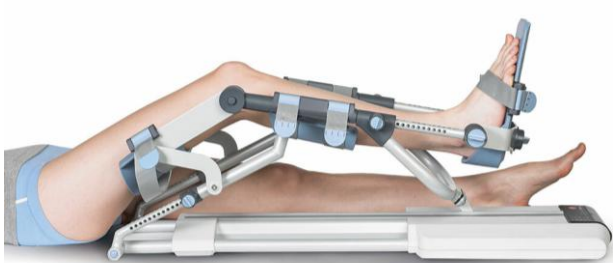


Occupational therapy kitchen

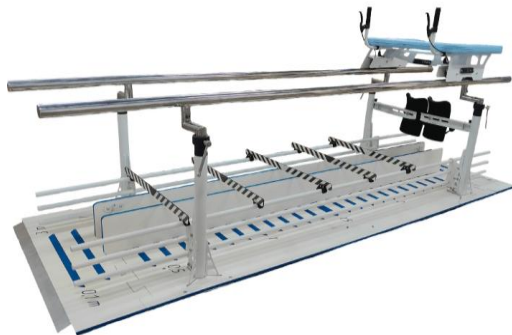


Occupational therapy kitchen

# Physical therapy equipment



Apparatus for passive development of the lower extremities



Rehabilitation bars with obstacles



Redcord system



Dynamic Staircases



Dynamic Staircases



Physical therapy equipment



Ceiling lift for water rehabilitation of patients



Rehabilitation treadmill



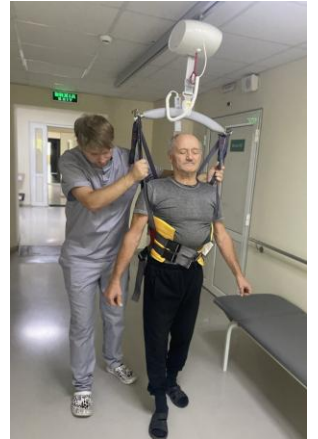
Ceiling lift



Ceiling lift



Ceiling lift



Ceiling lift

Physical therapy equipment



MTB Strength Training Equipment



MTB Strength Training Equipment



Orbitrek



AmooVe 300 Stabilometric Systems



Lower limb extension exerciser

## Physical therapy equipment



High-Intensity Magnetic Therapy BTL-6000 SUPER  
INDUCTIVE SYSTEM ELITE



— Multifunctional rehabilitation complex



Extracorporeal radial shockwave therapy



Balance boards for rehabilitation



Cycle ergometers with Ergoline ERS-2 system



Set of mechanotherapeutic equipment for  
kinesiotherapy "GRAVITON"



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