



University Rehabilitation Institute
Republic of Slovenia



Welcome to University Rehabilitation Institute Republic of Slovenia

Assist. Prof. Metka Moharič, MD, PhD



Slovenian rehabilitation health system

Health level

Tertiary level

University Rehabilitation
Institute

Secondary level

Acute hospitals (15)

Health resort (spa) (10)

Early acute rehabilitation
(hospital treatment),
outpatient clinic

Outpatient and hospital
rehabilitation treatment

Primary level

Health resort
(spa) (10)

Primary health
centers (57)

Community based
rehabilitation
centers (CBR) (10)

Social centers,
old people's
home

Private centers

Outpatient
treatment
(physiotherapy)

Outpatient clinics
(physiotherapy)

Outpatient clinics
(physiotherapy),
social rehabilitation
services

Outpatient clinics
(physiotherapy),
social rehabilitation
services

physiotherapy,
social rehabilitation
services

Capacity

18,000 patients treated per year, 95 % from Slovenia and 5 % from abroad

2,000 patients treated in hospital wards with total capacity of 220 beds.



People make difference



520 highly educated staff,
Physicians with **European license**,
Nurses,
Physiotherapists,
Occupational therapists,
Speech therapists,
Psychologists,
Biomechanical engineers.

Multidisciplinary approach



Medical doctor

Nurses

Occupational
therapist

Physiotherapist

Social workers

Psychologist

Prosthetist
Orthotist

Relatives and friends

Work technologist

Bio mechanical
engineers

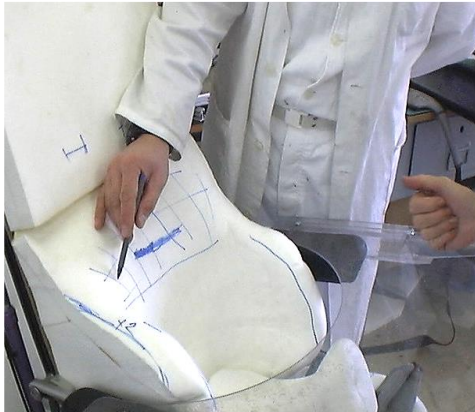
Speech and language
therapists

Physical medicine and rehabilitation departments

1. Department for rehabilitation of patients after amputation
2. Department for (re)habilitation of children
3. Department for rehabilitation of patients after injuries, with peripheral nervous impairments and rheumatologic diseases
4. Department for rehabilitation of patients after traumatic brain injury, with multiple sclerosis and other neurological diseases
5. Department for rehabilitation of patients after stroke
6. Department for rehabilitation of patients with spinal cord lesions
7. Unit for rehabilitation of patients with muscular and neuromuscular diseases
8. Department for outpatient rehabilitation

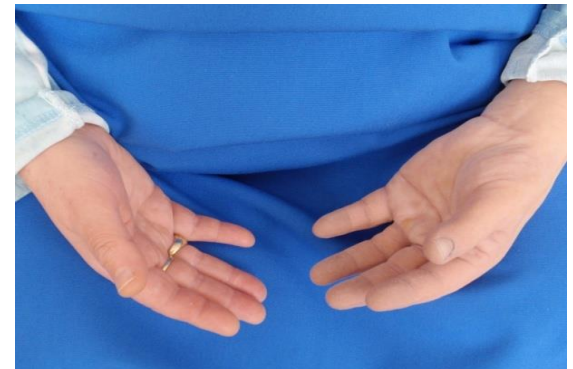


Rehabilitation Engineering – wheelchair and sitting technology



Production and application of :

- lower limb prosthesis
- upper limb prosthesis
- epithesis
- silicon technology



Vocational employment rehabilitation

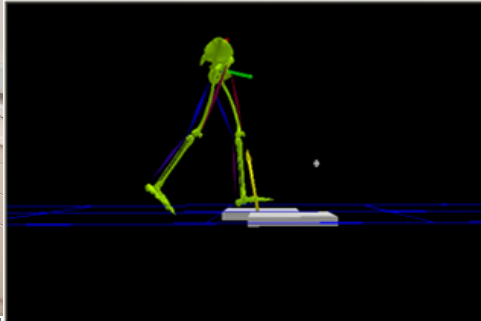


Diagnostic in rehabilitation



Kinesiological diagnostics

isokinetic and isometric dynamometry,
gait analysis



Internal medicine and vascular diagnostic

medical examination, electrocardiography – ECG, ultrasound
diagnostics, spirometry, blood pressure measurement,
exercise testing, measurement of perfusive pressure,
plethysmography, oximetry, Doppler ultrasound



Laboratory for uroynamics

Center for spasticity

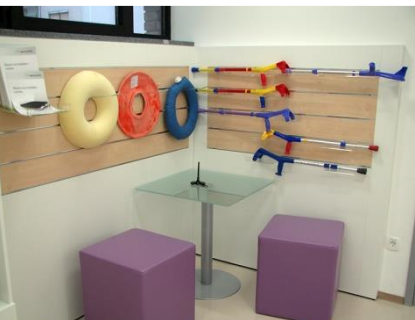
clinical and neurophysiologic assessment and
treatment of severe spasticity



Neurophysiologic diagnostics

EMG, EEG, SEP and MEP, QST

Pharmacy



Research and development

39 registered researchers at Slovenian research agency

24 colleagues have Ph.D. degree

17 articles in journals with impact factors per year on average

19 internal research projects

3 international research projects in progress

R&D projects and patents

*Universal haptic drive system :
International Application (sold to Spain)*



R&D projects and patents



Balance retractor
(sold to Germany)



R&D projects and patents

Aufstehtrainer (Sit-to-stand trainer)
(sold to Germany)



R&D projects and patents

Linear elliptical arm trainer
(sold to Germany)



Accreditation



HEREBY CERTIFIES THAT

University Rehabilitation Institute of Ljubljana
IS CERTIFIED AS A TRAINING CENTRE IN

PHYSICAL AND REHABILITATION MEDICINE

UNDER THE DIRECTION OF Prof. HELENA BURGER

THIS CERTIFICATE IS VALID UNTIL 31 DECEMBER 2018

PRESIDENT: Rolf Frischknecht

SECRETARY GENERAL: Mauro Zampolini

CERTIFICATE 080-2014

DATE MARCH 2014

Training of international experts



A world map with countries highlighted in yellow and orange. The highlighted countries include Colombia, Venezuela, Cuba, Georgia, Greece, Jordan, Kazakhstan, Kosovo, Kuwait, Libya, Montenegro, Palestine, Qatar, Russia, Serbia, Tajikistan, Belarus, Ukraine, Turkey, Iraq, Saudi Arabia, Iran, Afghanistan, Pakistan, and several countries in Central and Eastern Europe and North Africa. A semi-transparent box on the left side of the map contains a list of countries and their corresponding number of trained international experts.

Albania	• 150
Armenia	• 30
Azerbaijan	• 20
Belarus	• 20
Bosnia and Herzegovina	• 250
Colombia	• 60
Croatia	• 15
Cuba	• 20
Egypt	• 15
Georgia	• 1
Greece	• 1
Jordanija	• 2
Kazakhstan	• 204+30
Kosovo	• 101
Kuwait	• 101
Libya	• 2
Montenegro	• 12
Palestine	• 52
Qatar	• 100
Russia	• 4+50
Serbia	• 34
Tajikistan	• 40

Rehabilitation of international patients



THANK YOU FOR YOUR ATTENTION!

