

## Services provided by the Product Design Laboratory

- Product design and developing concept solutions
- Consultations and counselling in product development and design
- Developing functional software, designing and prototyping user interfaces
- Producing prototypes

### Completed designs:

- Industrial design of vibroacoustic bed (Community design Register, no 003004332-0001)
- Electrical mud therapy device for limbs (patent application number P201400009, letters patent number EE 05772 B1)

**For whom:** enterprises, other organisations



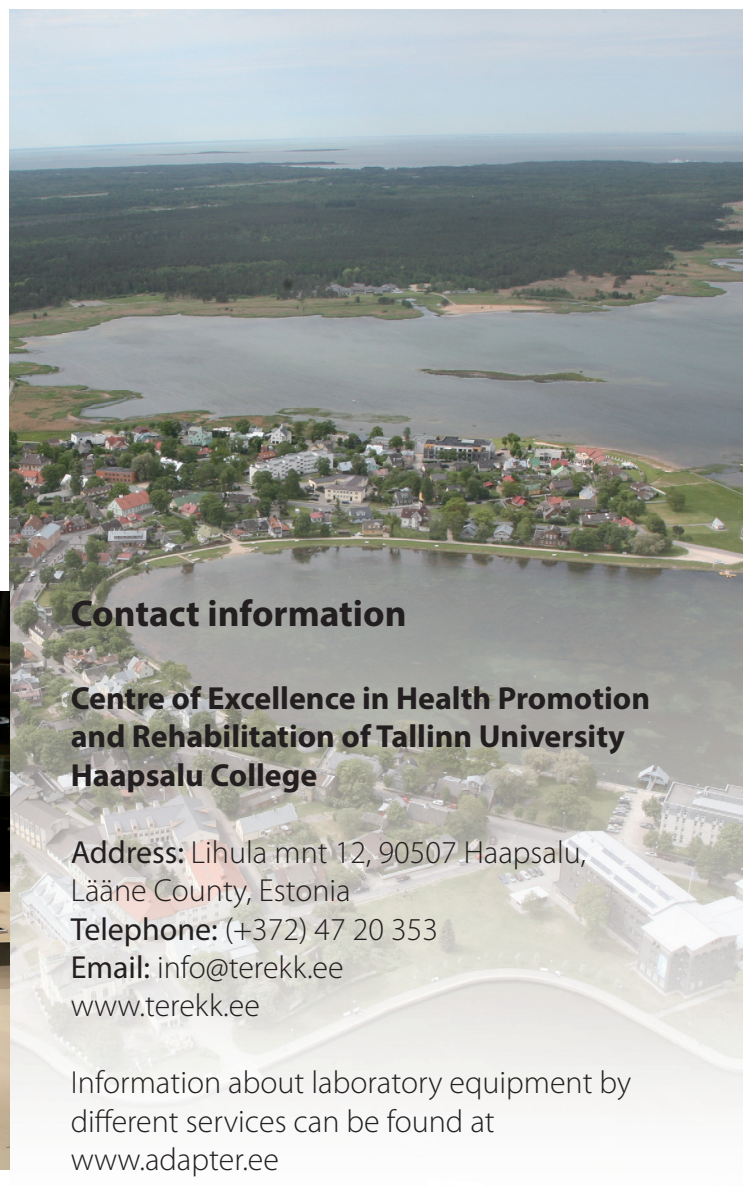
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**CENTRE OF EXCELLENCE  
IN HEALTH PROMOTION  
AND REHABILITATION**



### Contact information

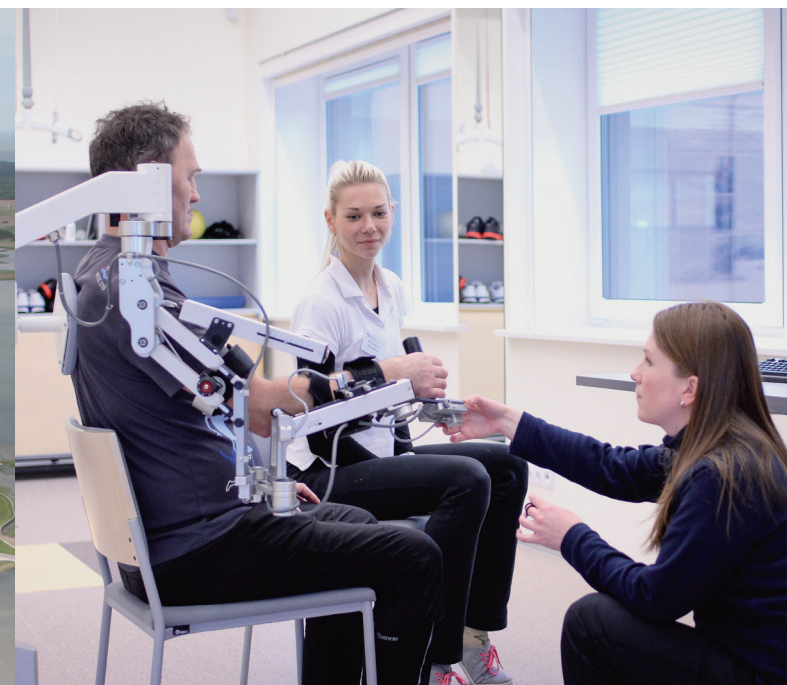
**Centre of Excellence in Health Promotion  
and Rehabilitation of Tallinn University  
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Information about laboratory equipment by  
different services can be found at  
[www.adapter.ee](http://www.adapter.ee)



### The Centre of Excellence in Health Promotion and Rehabilitation

is a centre for promoting and advancing research and development, as well as implementation, dissemination and mediation of information and science-based entrepreneurship in the fields of human mobility, operational capacity and curative mud treatment. The centre is a partner for the private sector in developing new evidence-based products and services.



## Services offered by the Laboratory of Physical and Rehabilitation Medicine (PRM)

- Conducting clinical studies in the field of PRM
- Developing rehabilitation programmes and plans, analysis and counselling
- Organising training events and round tables in the field
- Studies and consultations in adapting life and work environments
- Testing rehabilitation tools, counselling in product development and use
- Testing assistive devices and orthoses, counselling in product development and use
- Studies, counselling and training in vibroacoustic therapy

**For whom:** manufacturers of assistive devices; doctors in the fields of PRM and occupational health; architects; furniture manufacturers; local authorities; developers and manufacturers of medical equipment; service financiers; universities and scientists connected with the field of health promotion and rehabilitation



## Services provided by the Health Promotion Laboratory

- Measuring body composition
- Skin diagnostics
- Testing core muscles and posture

**For whom:** health and sports centres, sports clubs, nutritionists, makers of natural products



## Services provided by the Mud Laboratory

- Determining the water content of curative mud and peat (peloids)
- Determining the mineral composition of curative mud and peat
- Studying the organic components of curative mud and peat, determining the antioxidant substance content, determining the toxin content
- Grinding curative mud and peat with disintegrator
- Developing products of curative mud and peat
- Studying the therapeutic effect of curative mud and peat, organising and conducting studies

### Completed designs:

- Therapeutic mud mixture and a method for its manufacture (patent application number P201500002, letters patent number EE 05778 B1).
- Curative mud massage cream with humic substances

**For whom:** miners of curative mud and peat; processors, producers, and exporters of curative mud; providers of curative mud services; makers of natural products; occupational physicians, general practitioners, rehabilitation doctors; universities and scientists connected to the field of curative mud

