

# REHABILITATION CENTRE JAUNKEMERI: THE SUCCESSFUL INTEGRATION OF NATURAL HEALING FACTORS INTO REHABILITATION

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Chairperson of the Board of the RRC “Jaunkemeri”





## 18th century

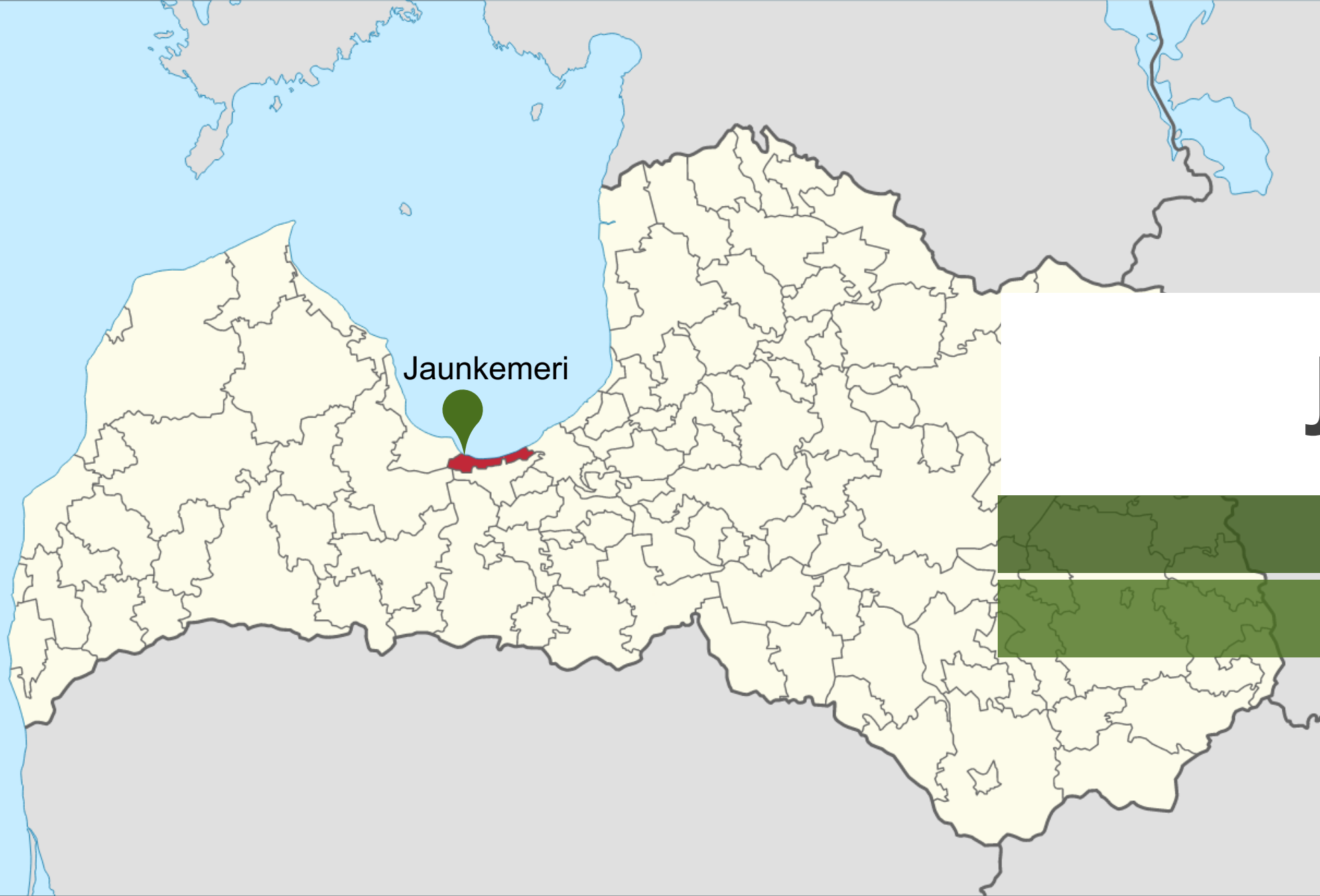
- The **beginnings** of peloid therapy in **Latvia** can be traced to the **18th century**.

## 19th century

- The famous **Kemmern** (Kēmeri) **resort** was started in the **19th century**.

## 20th century

- Physical Medicine and Rehabilitation



Jaunkemeri

# Jurmala

Jaunkemeri

[www.jaunkemeri.lv](http://www.jaunkemeri.lv)



# CAPABILITIES



Rehabilitation  
programs



Recreational  
programs



Outpatient  
department





# IN FIGURES

Experience

54 years

Number of  
employees

280

Technologies,  
activities

>160

Number of  
patients

11 566 (2019)  
8538 (2020)





## REHABILITATION IS DEFINED AS

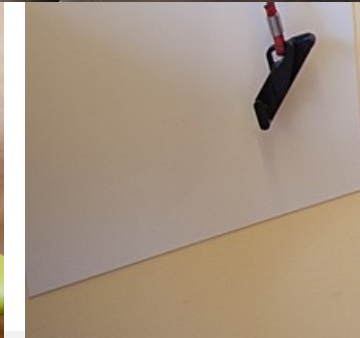
*"a set of interventions designed to optimize functioning and reduce disability in individuals with health conditions in interaction with their environment".*



# MULTIPROFESIONĀLA KOMANDA







# Physiotherapy



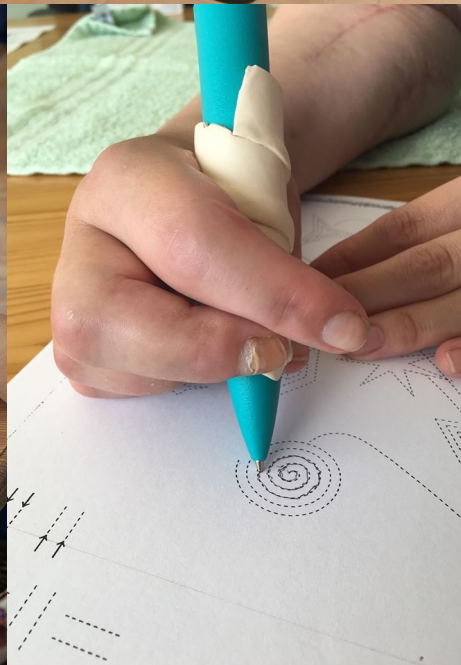


# Physiotherapy





# Occupational Therapy







# Hippotherapy



# Nutrition therapy





# Massage





Physical therapy



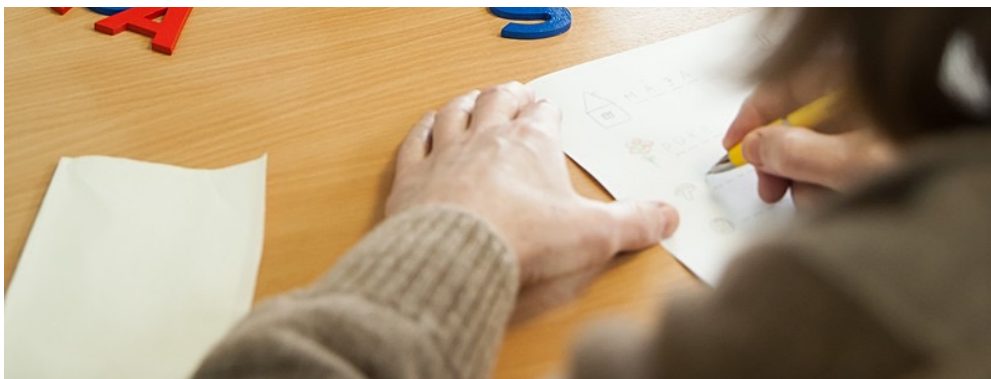
Psychotherapy



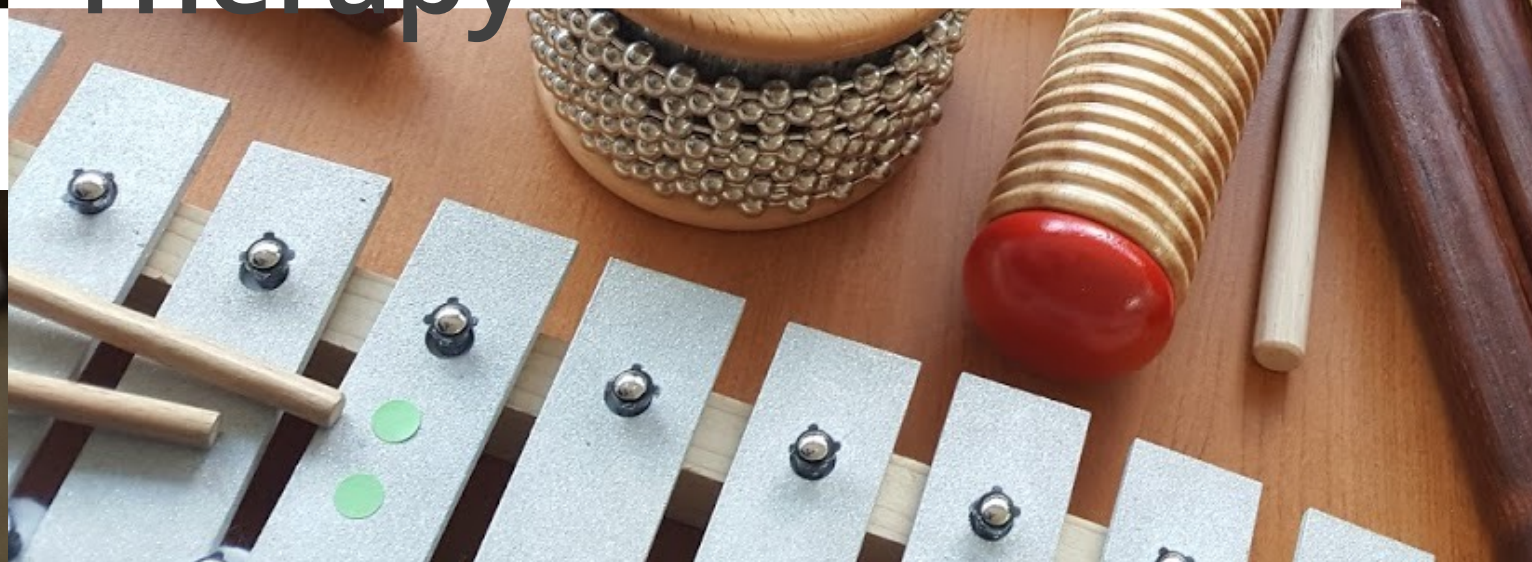




# Speech Therapy



# Art and Music Therapy







# NATURAL HEALING FACTORS



**BALNEOTHERAPY**



**PELOID THERAPY**



**CLIMATE THERAPY**





# Excavation





# Treatment Methods





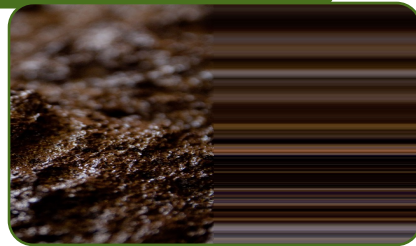
# Peloid Therapy Cycle

## Excavation



40 tons per month

## Preparation



- Quality Control
- Dilution by hydrogen sulphide mineral water
- Warming up

## Treatments



- 1 ton per day is consumed
- ap. 100 treatments per day

## Regeneration

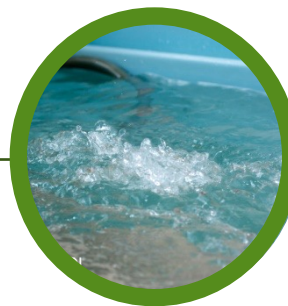


- About 900 kg daily
- Designated regeneration fields
- After 2-10 years regeneration period, re-testing and repeated use is possible





# NATURAL HEALING FACTORS



**BALNEOTHERAPY**



**PEAT/MUD/PELOID  
THERAPY**



**CLIMATE THERAPY**





# Balneotherapy





# Mineral Waters



**Mineral Water treatments has been established at Kemerī resort at the beginning of 19th century.**

**There is available the unique combination of mineral waters:**

- hydrogen sulphide
- iodine-bromine
- **sodium chloride**



[www.kalnina.lv](http://www.kalnina.lv)



# Hydrogen Sulphide Mineral Water



Hydrogen sulphide mineral water is obtained from a well, which is located in the territory of the rehabilitation centre "Jaunkemeri" at the depth of 14 m.  
The chemical composition of hydrogen sulphide mineral water is favorable for drinking, as well as it is used for bathing



# Iodine Bromine Mineral Water

This type of mineral water is obtained from the drill, which depth is 991,4 m

Not thermal

This mineral water is concentrated and therefore intended for external use and after proper dilution only.







# Sodium Chloride Mineral Water





# NATURAL HEALING FACTORS



**BALNEOTHERAPY**



**PELOID THERAPY**



**CLIMATE THERAPY**



# Air Therapy



The main therapeutic factors are outdoor air containing pine needles phytoncides and seawater aerosols. The therapeutic factors include solar radiation, as well as the importance of air temperature, humidity and wind.



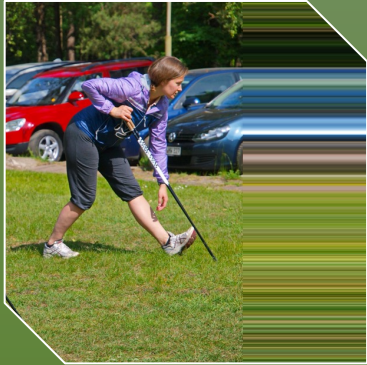


## REHABILITATION IS DEFINED AS

*"a set of interventions designed to optimize functioning and reduce disability in individuals with health conditions in interaction with their environment".*



# Medicinal Rehabilitation Programs



**General  
Rehabilitation**



**Orthopedic  
rehabilitation**



**Neuro  
rehabilitation**



**Rehabilitation  
for patients  
with  
Oncological  
conditions**

**PĒC INDIVIDUĀLA REHABILITĀCIJAS PLĀNA**



# Medicinal Rehabilitation Programs



**Cardio  
rehabilitation**



**Rehabilitation for  
patients with  
Rheumatological  
conditions**

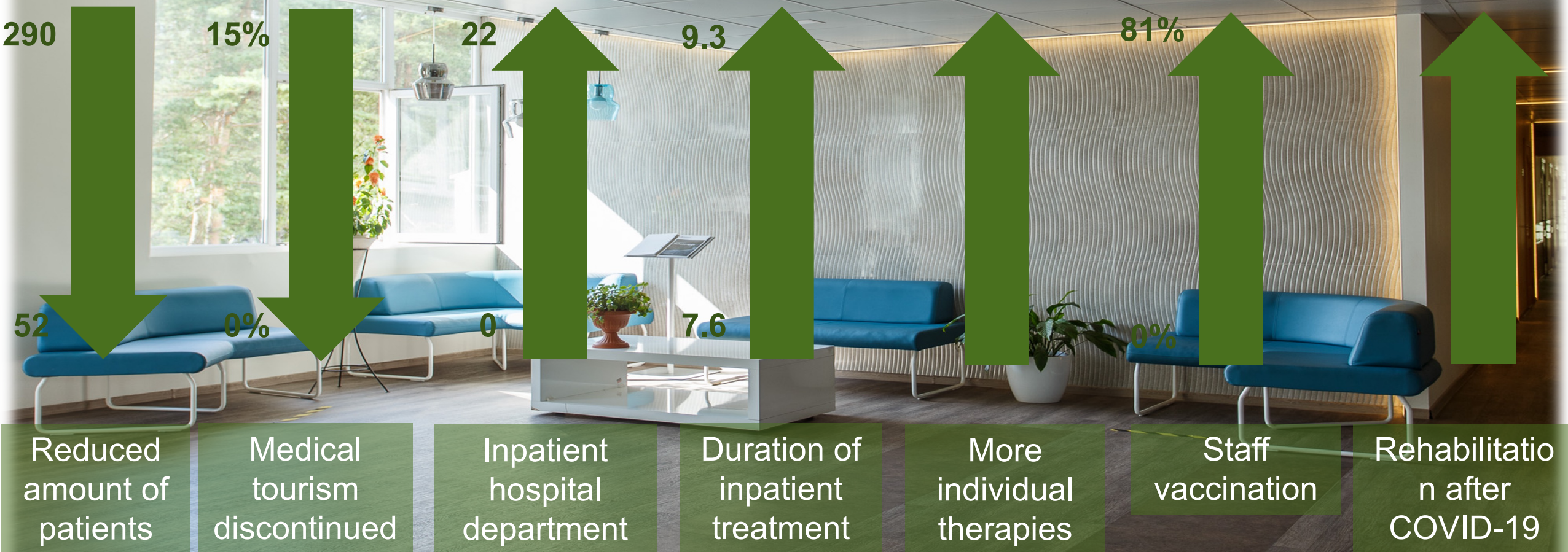


**Rehabilitation for  
babies and children**

**PĒC INDIVIDUĀLA REHABILITĀCIJAS PLĀNA**



# Pandemia





**Thank you for your time and interest!**