SPINETIME solutions

Musculoskeletal pain is a disease of 21st century

There was no universal method of examining painful musculoskeletal dysfunctions. Its lack lowers effectiveness of therapy and hinders specialists' collaboration.

For the needs of our patients and ourselves, specialists, we have created...

World's first remote, automated digital system for analysis and therapy of MSK dysfunctions

Musculoskeletal disorders are a growing global problem and need a global solution
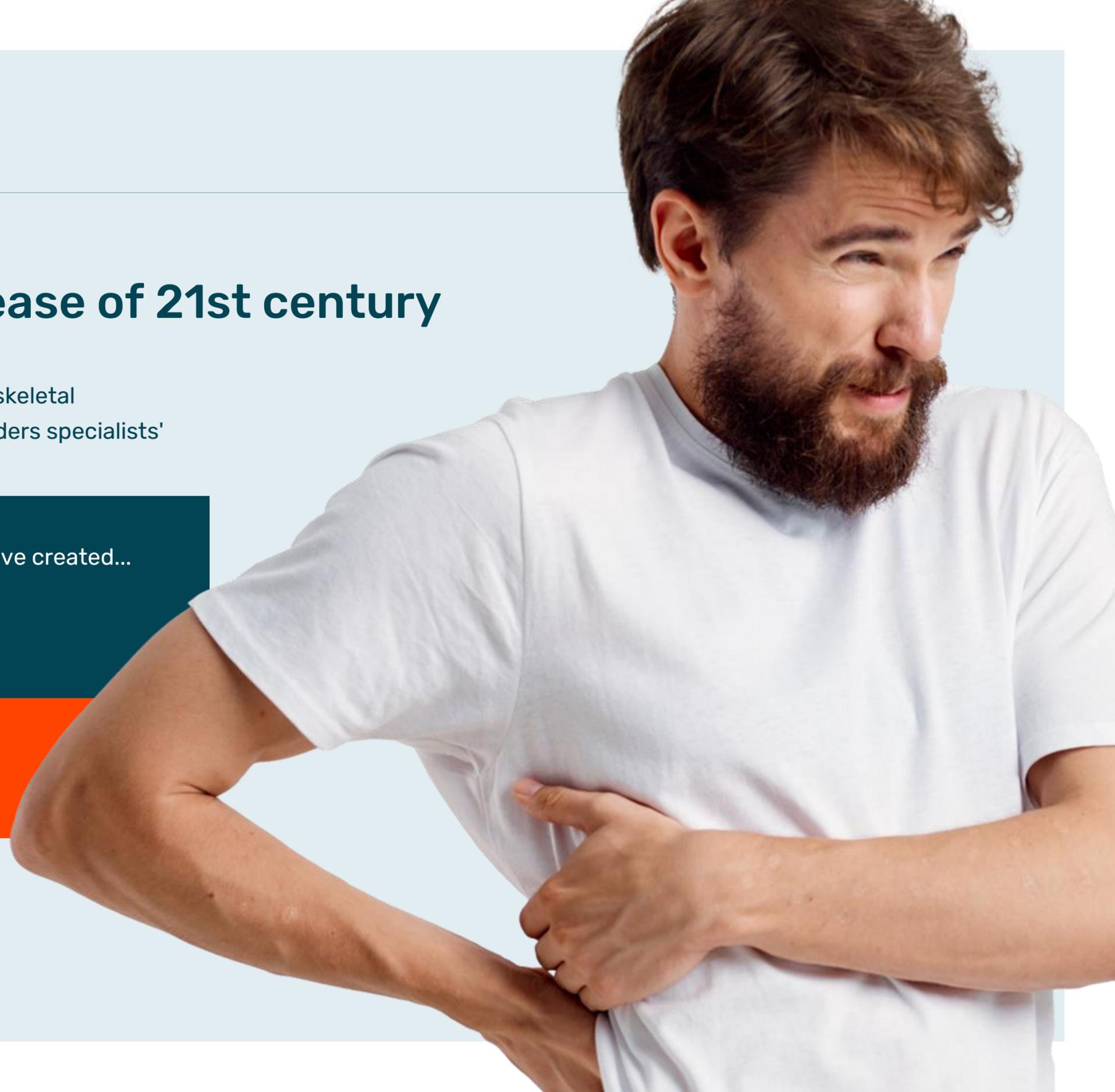
Company	Innovation	User's tool
SPINETIME solutions	**SPINETIME** index	**REHA**pp

SPINETIME
solutions

What does a patient do when they experience sudden or chronic back pain?

Book an appointment with a specialist	waiting time
Take painkillers	medication's side effects
Go to the appointment	cost of travel
Meet the physiotherapist	lack of diagnosis, series of visits required
Post visit exercise recommendations	not performing them properly
Googling for advice	risk of health deteriorating, missing red flags

What are the difficulties for your doctor or physiotherapist?

- They would like to develop effective therapy, but there is no tool or universal **procedures to analyse MSK pain** in the doctor's office.

- They would like to have access to a tool that would determine the patient's condition before the visit begins.

- In some EU countries, it is mandatory to prepare a report before starting treatment. But often there is no time for this.

- Such a report from the analysis of the patient's condition is paid by the National Health Funds. Automating the examination is a **pure time and financial gain** for the specialist.

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SpineTime solution gives you at your disposal:

SpineTime INDEX-based diagnosis of dyfunction, available immediately to physicians and physiotherapists

| Self-examination | Diagnosis | Medical documentation | Therapeutic protocol |

Smart algorithm

Dynamic model linking 3 direction of vertebrae movement for cervical, thoracic and lumbar spine.

Diagnostic module

Using smartphone or tablet, patient answers simple questions and makes few easy movements, creating SpineTime index.

PRO module

Mobile application for a doctor or physiotherapist. It allows you to read the results of the patient's self-analysis, edit and invoice the procedure.

Patient module

Application for the patient. It allows you to carry out an analysis, gives access to personalized therapy and dedicated orthopaedic supplies (E-commerce).

Doctor & physiotherapist

Doctor & physiotherapist working with the patient on a daily basis have the ability to track the progress of the therapy, only with patient's permission.

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solutions

A smartphone with
REHApp PRO installed

is enough to give the specialist immediate access to quantified results of the analysis of musculoskeletal dysfunction. It allows you to edit and comment on the submitted documentation. Allows you to add images, e.g. a doctor's referral, a description of a radiographic examination, etc.

List of REPORTS

Search by patient's name

Emma Baker

James Carter

Olivia Davis

Noah Edwards

Mia Foster

SPINETIME
solutions

A smartphone with
Patient REHApp installed

is enough to

- give the patient the opportunity to perform an analysis of musculoskeletal dysfunction without the need for the presence of a specialist.

- It allows you to securely send results to a doctor/physiotherapist of your choice.

- Thanks to the created patient account, he receives access to individual, paid therapeutic solutions (adapted physiotherapeutic techniques for self-performance at home, dedicated orthopedic supplies, available for purchase through an individual SpineTime profile).

Breakthrough innovation
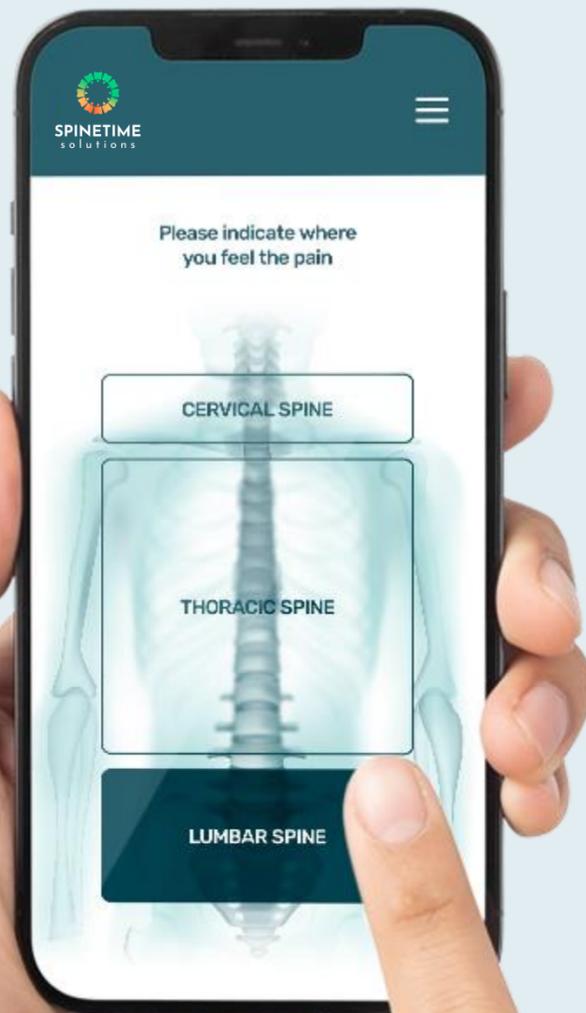
MSK PRO App

Applications for professionals to synthesize, edit and exchange musculoskeletal Disorders information between professionals and patients

Measurable SpineTime index

Diagnostic module finds the cause of pain, which allows to choose the most effective therapy.

Simple handling

Scientifically proven method of assessing complicated dependencies of factors affecting experience of pain, requires user to answer just few direct questions and a few simple moves..

Unique database

REHApp collects huge amounts of data for analysis by the artificial intelligence engine of the REHApp system

Advantage of SpineTime method

It contains a scientifically and clinically proven objective self-examination element that is safe for the patients.

Personalised therapeutic protocol

Recommendations are selected from over 640 how-to videos, arranged in the right order. It verifies red flags, updating protocols as the state of patient's pain changes.

Please indicate where you feel the pain

CERVICAL SPINE

THORACIC SPINE

LUMBAR SPINE

SPINETIME

Area leaders

For a year now we have been delivering our project as a team below:

Łukasz Pawik, POL

Chief Scientific Officer, PhD in physiotherapy, head of department of physiotherapy in dysfunctions of the locomotor system at Wroclaw University of Health and Sport Sciences. Experienced in leading research teams.

Robert Studziński, FRA

CEO

Originator, algorithms creator, physiotherapist, medical expert, runs the biggest physiotherapeutic clinic in Strasbourg, France. Key member of R&D teams (SOFTWARE & MEDICAL).

Andrzej Studziński, POL

COO

Physiotherapist, project manager, runs a medical clinicin Wroclaw, Poland. Successfully implemented and set projects with national grants organisations (e.i. NCBR, PARP, DIP, PUP, etc.). Focused on working with ortopedic patients,

Jean-François Laugel, FRA

CFO

Chief Financial Officer, founded many start-ups (Gustoso.com, Voyages-sur-mesure.com, Xanadu Voyages...), A partner of consulting companies dealing with strategy and finance (A&F Conseil, Corporate Value Associates in Paris and Deloitte&Touche (Braxton).

Marek Sawicki, POL

IT and AI specialist; PhD in ML/AI methods with non destructive testing (NDT)

Mateusz Szczukiewicz, POL

Experienced Technical lead, IT system architect expert, Front End specialist

Marta Studzińska, FRA

Therapeutic processes director, physiotherapist

Juliet Ogier-Denis, FRA

Digital expert, qualified movies director and editor
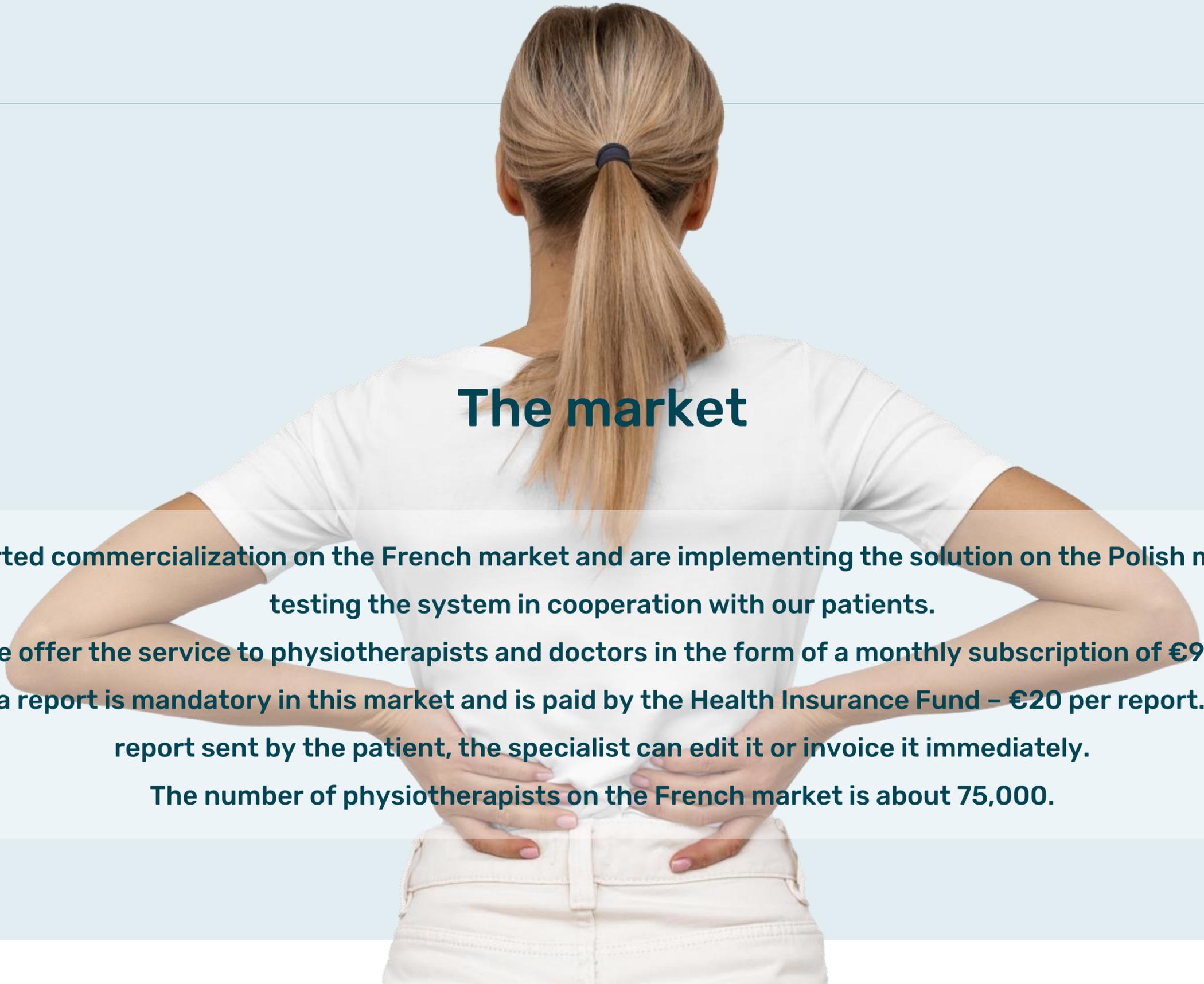
The market

We have already started commercialization on the French market and are implementing the solution on the Polish market, where we are testing the system in cooperation with our patients.

In France, we offer the service to physiotherapists and doctors in the form of a monthly subscription of €9.99 / month.

The preparation of a report is mandatory in this market and is paid by the Health Insurance Fund – €20 per report. After receiving the report sent by the patient, the specialist can edit it or invoice it immediately.

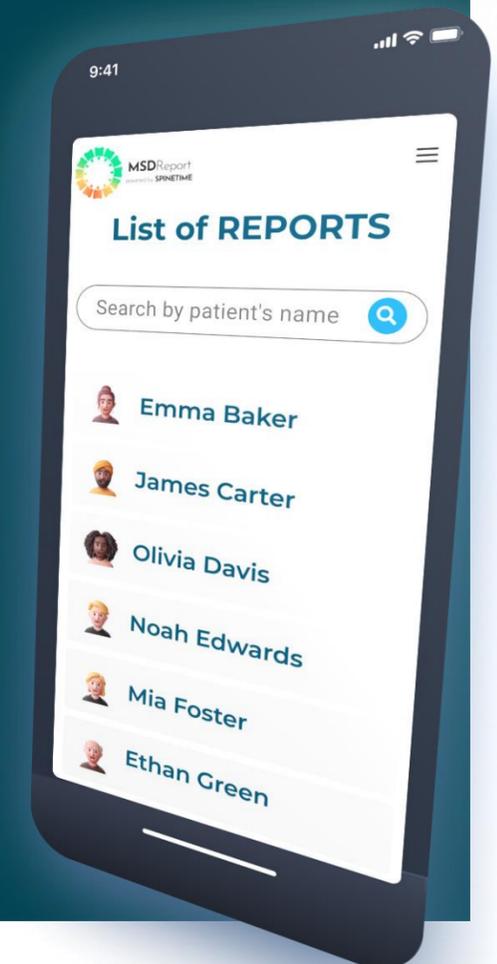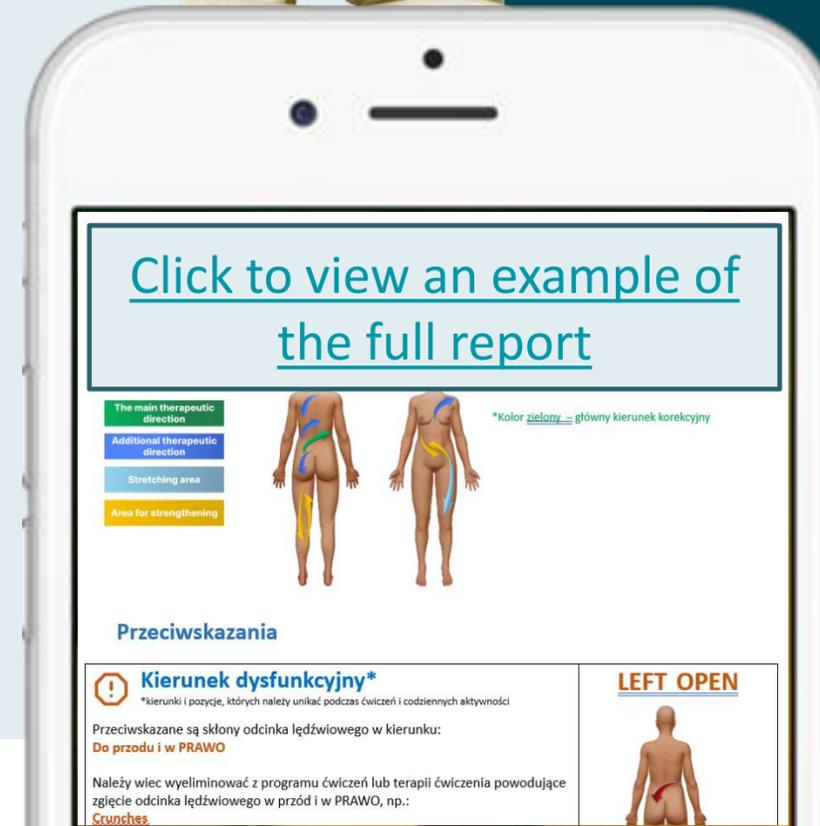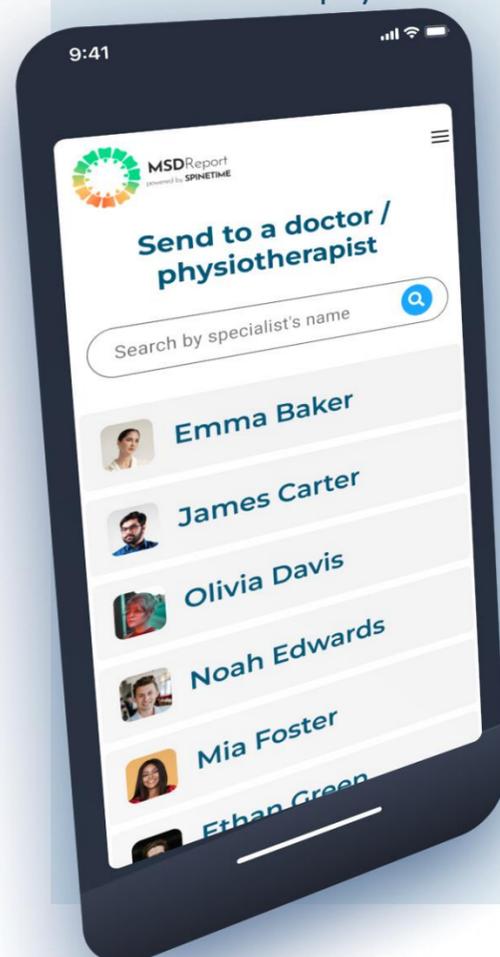The number of physiotherapists on the French market is about 75,000.

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Synchronized diagnostic system for musculoskeletal dysfunction

What does the patient receive?

- Application for self-diagnosis and therapy of musculoskeletal disorders

- Be able to safely share your results with your doctor or physiotherapist.

What does a physiotherapist receive?

- Instant report on the patient's dysfunction status

- Ability to edit the report and exchange between specialists

9:41

MSDReport
powered by SPINETIME

Send to a doctor / physiotherapist

Search by specialist's name

Emma Baker

James Carter

Olivia Davis

Noah Edwards

Mia Foster

Ethan Green

Click to view an example of the full report

The main therapeutic direction

Additional therapeutic direction

Stretching area

Area for strengthening

*Kolor zielony — główny kierunek korekcyjny

Przeciwskazania

⚠ **Kierunek dysfunkcyjny***

*kierunki i pozycje, których należy unikać podczas ćwiczeń i codziennych aktywności

Przeciwskazane są skłony odcinka lędźwiowego w kierunku:
Do przodu i w PRAWO

Należy więc wyeliminować z programu ćwiczeń lub terapii ćwiczenia powodujące zgięcie odcinka lędźwiowego w przód i w PRAWO, np.:
Crunches

LEFT OPEN

9:41

MSDReport
powered by SPINETIME

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Main competition on the global market

KAIA Health

https://kaiahealth.com

„Join over 500,000 people who have turned to Kaia for pain management"

When selecting exercises, the application only takes into account the subjective intensity of pain sensations at a given moment. No precise diagnosis. Does not eliminate risk factors (red flags).

SPINETIME parameters' advantages

Taking into account the main parameters (pain localisation, pain behavior depending on the surface/direction, subjective intensity of sensations and their dynamics, nature and source of symptoms, pain incident chronicity), considering red flags, the AI's ability to self improvement thanks to the users' feedback.

ADA Health

https://ada.com

*„10M users, 25M symptom assessments completed, 250000 5 star ***** ratings"*

Searches source of back pain based on answers provided by users. Low effectiveness in diagnosing the source of back pain. Helps in choosing a specialist to go to. Does not eliminate risk factors (red flags).

SPINETIME parameters' advantages

A medically proven method of analysis and therapy of movement dysfunctions, presenting the results in a way that increases the self-awareness of the user's body, accompanying during daily therapy.
Precise diagnosis.
Personalized therapy.
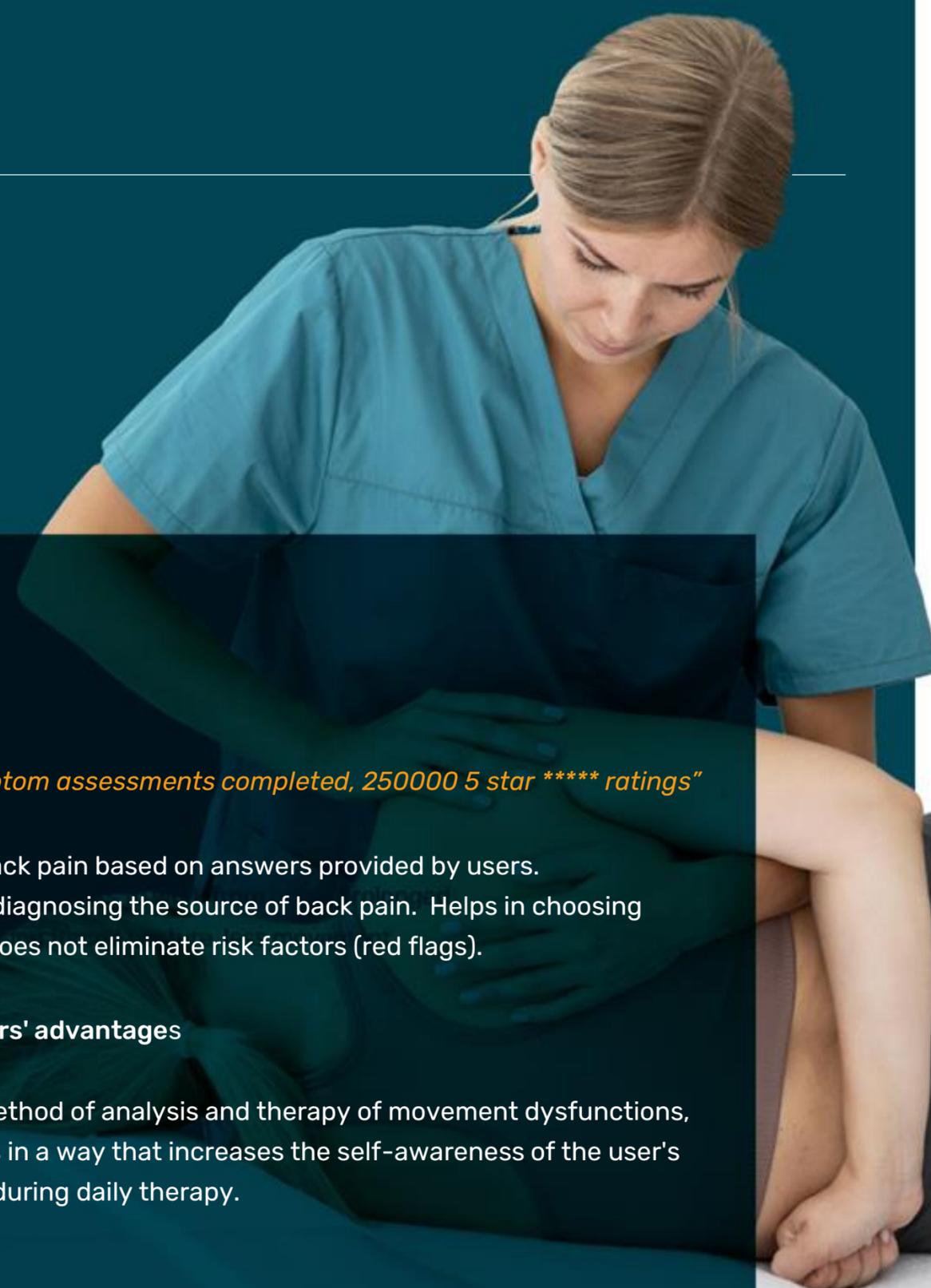
Investment component

Cash flow in millions of euros

Year	2024	2025	2026	2027	2028
Countries	France Poland	France Poland	France Poland Germany	France Poland Germany USA	France Poland Germany USA UK
Investment	1	3	-	-	-
Income	0,1	2	5	6	7
Costs including marketing	1	5	2	2	2

As a startup with an experienced team, we count on the support of the EIC ACCELERATOR program, both substantive and financial. The opinions we have collected from patients in our research group confirm that REHApp is the tool that everyone has been waiting for !!!
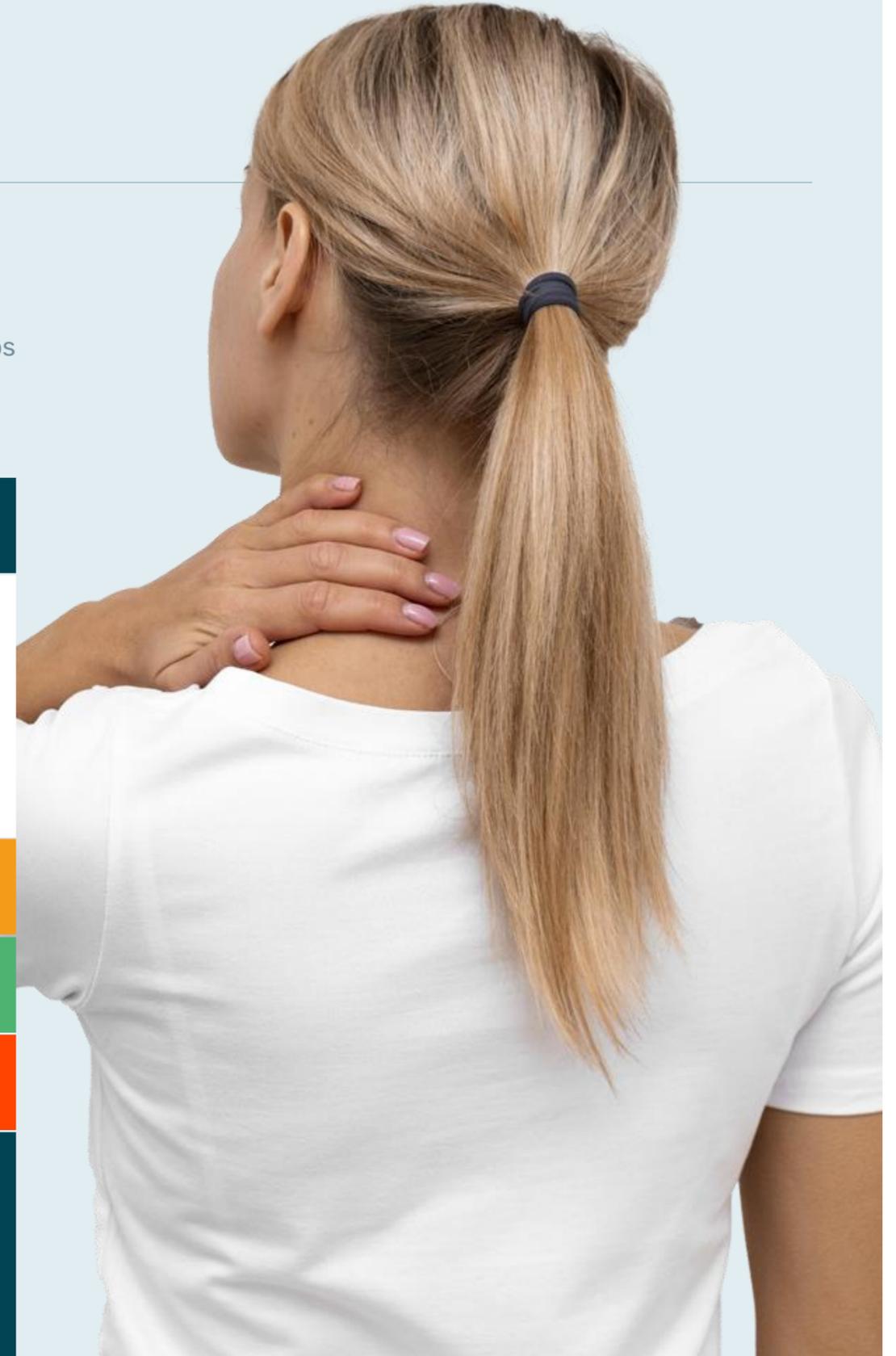
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REHApp

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Thank you for your time!

We will gladly provide you with more information about the project
delivered by SPINETIME company!