



RIABLO

evolve your exercise, measure the movement

 Corehab
empower your training

RIABLO BY COREHAB

Riablo changes the way of doing rehabilitation exercises in the clinic and at home, measuring the movements, providing motivation to the patient and detailed tools to professionals.

Riablo is a product totally made in Italy designed, developed and industrialised by CoRehab, an Italian company that has been collaborating since 2012 with the most prestigious professionals of physical rehabilitation and sport.

CoRehab is an **ISO13485** certified company that designs, manufactures and distributes **CE class 1/m** certified medical products for physical rehabilitation and injury prevention.

CoRehab is an award-winning international company, with important scientific and clinical collaborations that works with the main players in the market of physical medicine and rehabilitation.





THE RIABLO METHOD

The innovative and patented Riablo method is used successfully throughout Europe, the United Arab Emirates and Australia with orthopaedic, neurological and sports patients of all ages.

Thanks to validated and extremely accurate **wearable inertial sensors**, a **pressure board** and a dedicated **software** designed according to the most modern user experience techniques, Riablo allows the patient to perform the exercises in a motivated and correct manner, ensuring sensible improvements compared to traditional exercises.

The visual-auditory **biofeedback** of Riablo is scientifically validated and guides patients in the execution of the exercises, allowing them to self-correct and learn to correctly execute every movement, avoiding compensations.



The exercises can be combined in specific **sequences** for the clinical indications treated and it is also possible to use the **pathways** created by CoRehab, i.e. clinically validated sequences allowing to follow patients for a predefined period of time with specific exercises for their indication.

In addition to the biofeedback exercises, Riablo allows to perform range of motion, functional and balance **evaluations**, providing a simple result of high clinical value.

Riablo is a useful tool for **clinical and scientific research**, thanks to the simple interoperability of the system and the possibility of having raw or aggregate data available for each exercise and for each patient, collaborating with CoRehab professionals and technicians.



NUMBERS OF RIABLO



11.000+ PATIENTS

12.500+ ASSESSMENTS

150.000+ EXERCISES



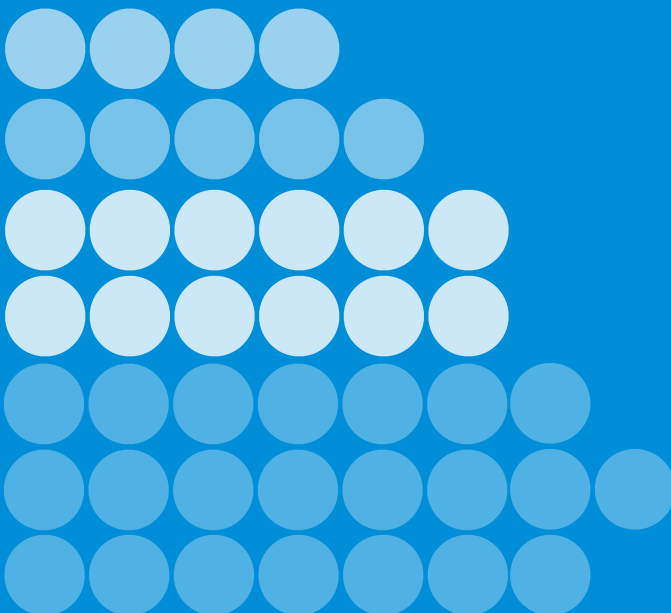
300+ PRODUCTS
INSTALLED



TRANSLATED IN
8 LANGUAGES



PRESENT IN 12
COUNTRIES

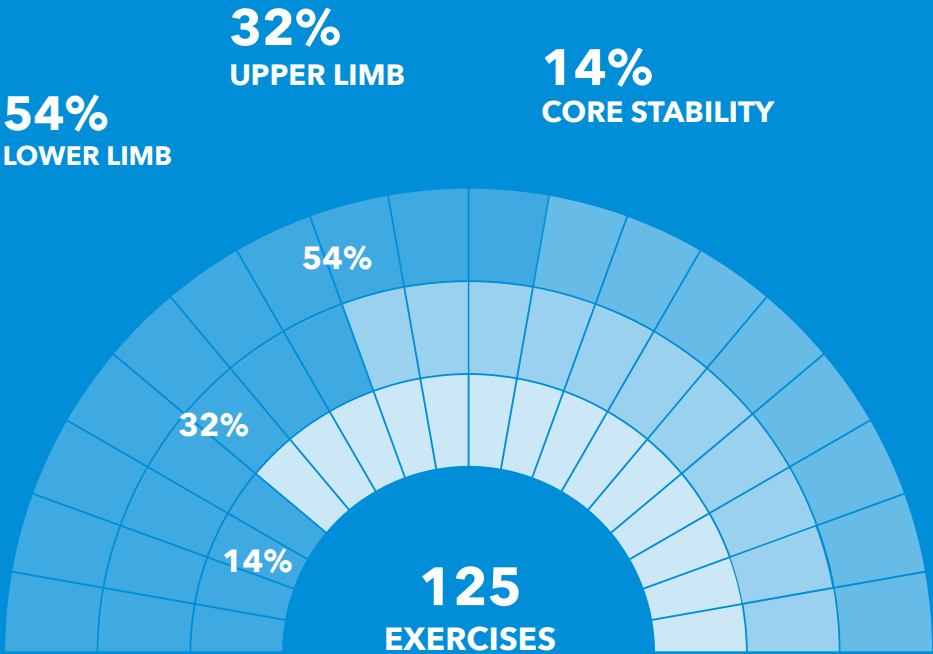


4 RESEARCH PROJECTS

5 YEARS OF R&D

12 RESEARCH CENTRES
INVOLVED

22 SCIENTIFIC
PUBLICATIONS



AVAILABLE IN ALL
PRODUCT PORTFOLIO

PATIENTS AGE WITH RIABLO



ASSESSMENTS



FUNCTIONAL
LOWER LIMB



FUNCTIONAL
UPPER LIMB



FUNCTIONAL
TOTAL BODY



BALANCE AND
STABILITY



R.O.M. AND
MOBILITY

RIABLO IMPROVES:

- 1 **BALANCE**
CONTROL
- 2 HANDLING OF **ANGLE**
MOVEMENTS
- 3 **COMPENSATION**
LEARNING
- 4 CORRECT MANAGEMENT
OF **TIMING**

RIABLO GUARANTEES AN INCREASE OF:



COMPARED TO TRADITIONAL EXERCISE

WORKING CYCLE WITH RIABLO

The work experience with Riablo typically begins in the clinic in the first days following the patient's hospitalisation with an **initial assessment** performed with Riablo, continues throughout the duration of the hospital stay with dedicated **sessions in the gym**. Then patients can continue **at home** for a period of time that on average it is estimated in 3 months, to then end with a **final re-evaluation**, always performed with Riablo.

START

INITIAL ASSESSMENT



1

IN CLINIC REHABILITATION



2

HOME REHABILITATION



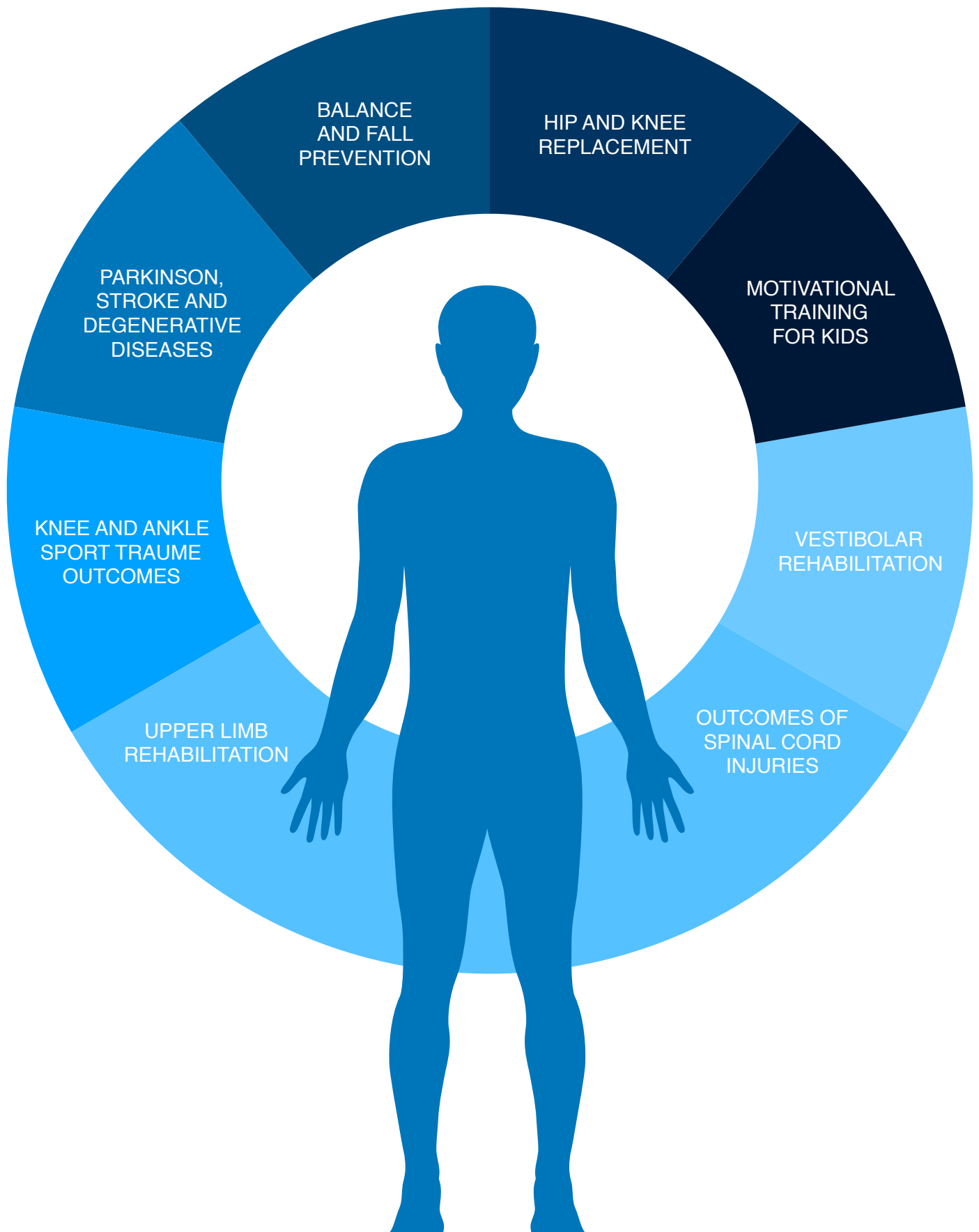
3

FINAL RE-EVALUATION



4

MAIN INDICATIONS



RIABLO IN THE CLINIC



BASIC

The lightest and simplest configuration of Riablo: a 13" laptop and 3 sensors to perform biofeedback exercises anywhere.

BASIC

SILVER

A perfect portable solution with a laptop and 5 inertial sensors to perform both exercises and R.O.M.-functional evaluations in total mobility.



SILVER



GOLD

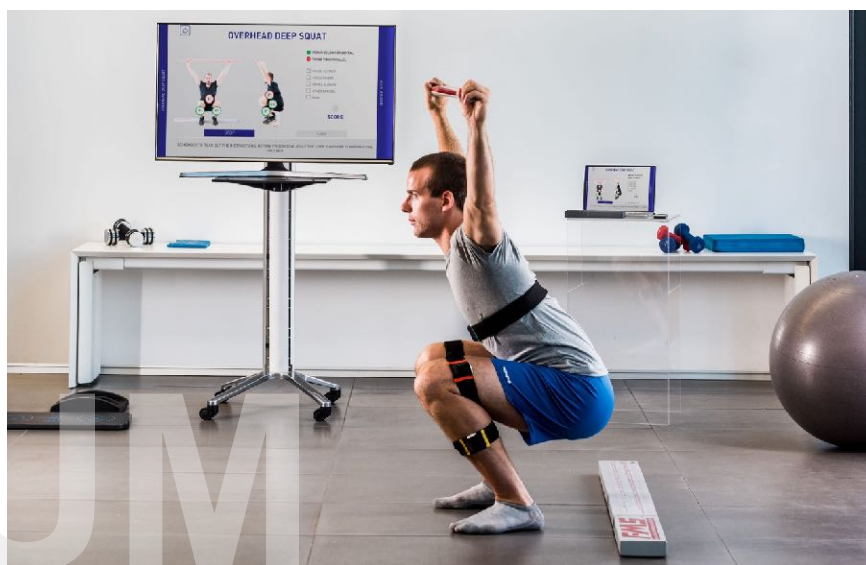
This version of Riablo consists of 3 inertial sensors and a pressure board to have the basis of the Riablo method available, including the balance part.

GOLD

PREMIUM

The most complete experience of Riablo, to be able to use the database of exercises in its entirety, the sequences, the pathways and all the evaluations with 5 sensors and the pressure board.

PREMIUM



RIABLO SPACE

Riablo Space is the solution for the clinic that wants to offer its customers the complete experience of the Riablo method. By installing multiple devices in a single environment, it is possible to implement group work, thus **multiplying the time of physiotherapists**. A single web platform allows a unified management of patient records and their results of exercises and evaluations.

The creation of a **Riablo Space** consists therefore in the installation of several devices in parallel with at least one Premium Riablo and a variable number of stations chosen from the Basic, Silver and Gold versions, all connected to a single server.

You can **customise the work area** with wall prints and an ergonomic floor that facilitates the execution of the exercises.

The image below shows an example of installation of **Riablo Space** made up of three parallel systems: a Riablo Premium workstation to perform exercises and evaluations and two Riablo Gold stations to perform group work, all connected to a single CoRehab server for the unified management of data.



A SOLUTION FOR EVERY NEED

	BASIC	SILVER	GOLD	PREMIUM
HARDWARE	3 Sensors	5 Sensors	3 Sensors Pressure board	5 Sensors Pressure board
EXERCISES	67	85	106	125
SEQUENCES	0	Max 10	Max 15	Unlimited
PATHWAYS	0	0	0	ORTHO NEURO SPORT
ASSESSMENTS	0	R.O.M. Functional	Balance	R.O.M. Functional Balance
REPORTS	PDF exercises	PDF exercises PDF assessments	PDF exercises PDF assessments	PDF exercises PDF assessments Export CSV

RIABLO AT HOME



RIABLO HOME

Riablo Home allows the patient to continue the experience of Riablo started in the clinic in the comfort of their home environment thanks to a 1 **laptop** computer that can also be connected to home television and 3 **inertial sensors** worn with comfortable straps.

SPECIFIC PROTOCOLS

The patient receives the device with the specific rehabilitation protocols for his clinical case already loaded inside.

By connecting **Riablo Home** to the Internet, you can keep in touch with your physiotherapists and receive assistance or changes in work schedules.





REMOTE MONITORING

When the Riablo Home consoles installed in the patient's houses are connected to the internet, the data of the performed exercises are sent to the clinic, ensuring remote control from the professional.

SERVICES OFFERED

CoRehab works with partners with national coverage to guarantee the following services:

- loading of the patient's **rehabilitation protocol** into the device based on the indications of the professionals
- **delivery, installation** and **withdraw** of the device at home
- **assistance** to the patient for technical problems
- **periodic reports** of the exercises performed by patients at home



COMPONENTS

	BASIC	SILVER	GOLD	PREMIUM	HOME
LAPTOP	✓	✓	✓	✓	✓
3 SENSORS KIT	✓		✓		✓
5 SENSORS KIT		✓		✓	
BOARD			✓	✓	
STRAPS KIT	✓	✓	✓	✓	✓
CABLE KIT	✓	✓	✓	✓	✓
BAG	✓	✓	✓	Optional	✓
TV+TV-STAND	Optional	Optional	Optional	✓	

* Requirements for a correct installation of CoRehab products: minimum space 3mx2m equipped with electrical sockets for the positioning of components and for the execution of tests/exercises, internet connection (WiFi or ethernet) to enjoy the services and remote assistance.

Laptop 13 "Intel i3 processor, 4GB Ram, 256 GB HD with custom Linux SO and software
Riablo installed on board
Possibility to use compatible laptops
Navigation software from keyboard or via wireless remote control



LAPTOP

Inertial bluetooth sensor
Cortex M3 @ 72MHz
3D Accelerometer [$\pm 16g$], 3D Gyroscope [$\pm 2000dps$],
3D Magnetometer, f.s. up to 1 KHz
Dimensions: 5.5x4x1.2 cm, Weight: 30g
4 hours of continuous use
Rechargeable with relative charging station



SENSORS

Bluetooth pressure board
320 pressure sensors
Magnetic unstable support on the frontal and sagittal plane
Dimensions: 55x37x2.5 cm
8 hours of continuous use
Rechargeable equipped with unstable support to introduce



BOARD

Kit of elastic bands for positioning the sensors available in sizes S, M and L.
Hypoallergenic bands that can be washed at 90°.



STRAPS

ADDITIONAL SERVICES



SEQUENCES CREATION

You can create your own work sequences along with CoRehab professionals

Characterisation of the space according to your needs (flooring, banner, TV Stand)

CUSTOM AREA



CLINICAL RESEARCH

Additional data processing (eg index calculation to movement analysis), custom data extraction, database processing

Free participation in ECM courses organised by our partners. Access to "premium" content in the online education platform

COREHAB ACADEMY



USAGE STATISTICS

Receiving periodic reports with the usage statistics of the device: time of use, exercises performed, "profitability" index

Integrazione con i sistemi informativi ospedalieri, importazione dei dati dei pazienti ed esportazione dei report

INTEGRATION WITH IT



CUSTOMERS TRAINING

Installation and training by a CoRehab product specialist. Continuous periodic training with support for use with patients

OTHER PRODUCTS

BACK IN ACTION

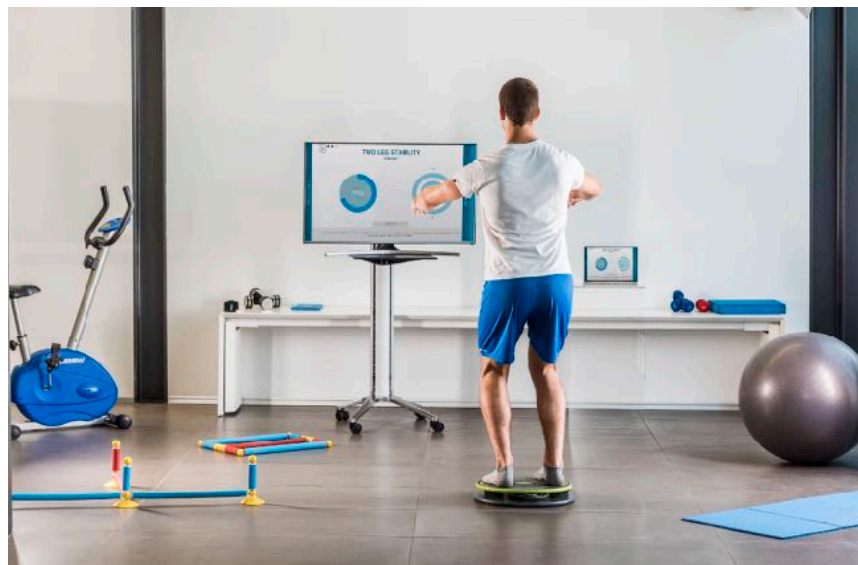
Back in Action is an innovative test battery consisting of 7 exercises, designed by CoRehab together with the **Fifa Medical Center of Austria**, to evaluate in a simple, fast and objective way the ability to return to sport after the reconstruction of the LCA.



MY ROUND

MyRound is a product that allows you to perform a **balance training** thanks to a proprioceptive platform and dedicated software.

Three different levels of available to perform workouts / challenges of increasing difficulty and duration.



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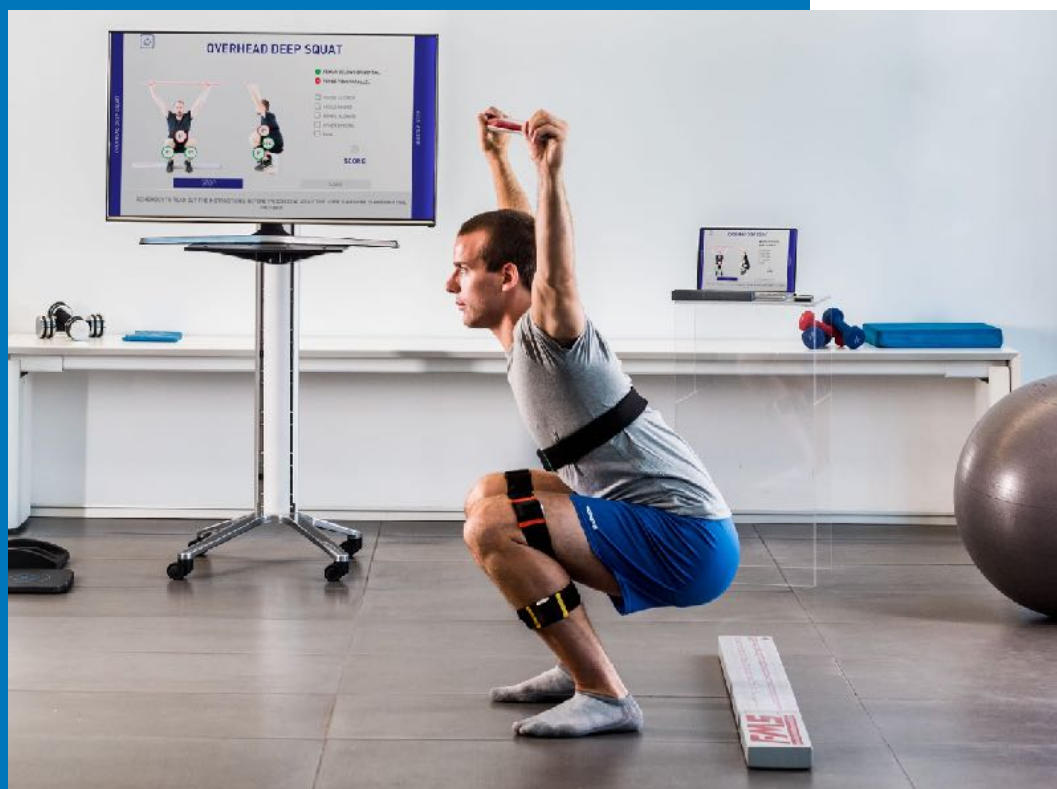
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RESEARCH

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