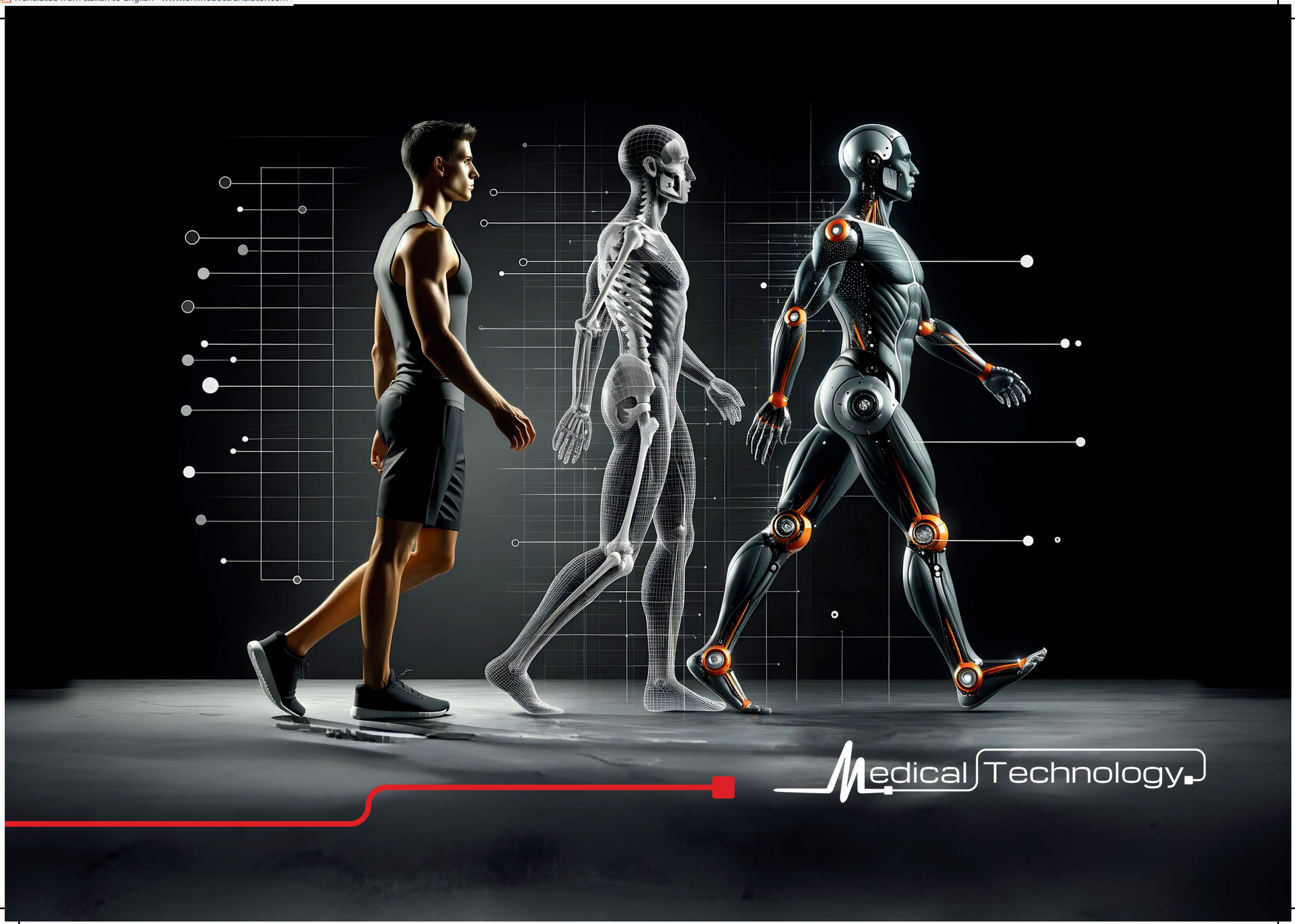


# WELCOME

Medical Technology

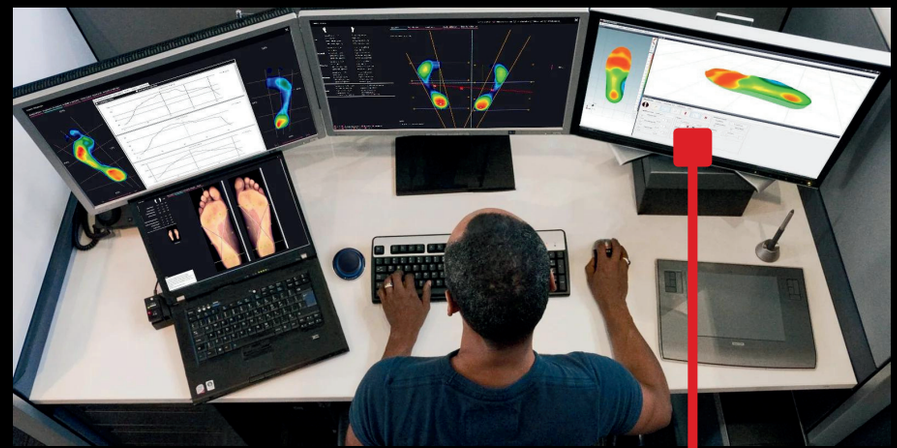
**There is only true progress**

**when the advantages of a new technology**

**they become for everyone.**

***Henry Ford***

# Who we are



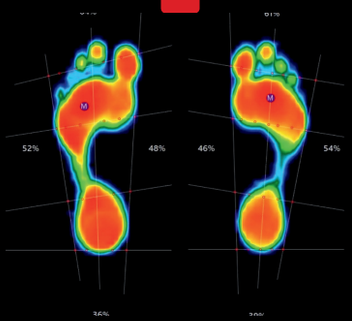
Commitment, competence and professionalism: this is who we are. With twenty years of experience in the panorama of postural analysis behind us, our mission is to help the professional in his daily work.

We are at your service to help you in your assessments, putting the best body measurement technologies at your disposal.

# What do we do

We develop, design and produce electro-medical devices for the control and specialized study of posture aimed directly at the specialist with the aim of supporting him in the digital prevention of the patient.

Our products boast the latest generation technologies, and are regularly updated in order to always offer the best of the current market.
We are constantly working to offer you increasingly innovative systems, thanks to close collaboration with research centers and universities.

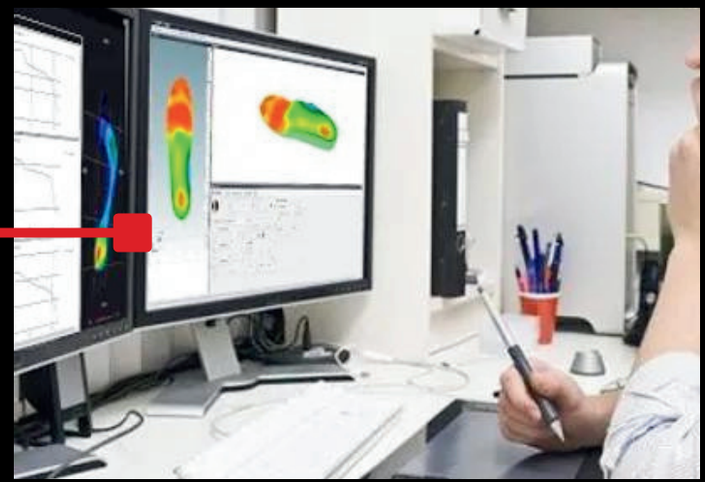



We are also the only company in the world to produce 95% of supplies internally, without using external collaborations.
Our gait, running and posture analysis systems are the most innovative systems on the Italian and foreign markets.

# Who are our products aimed at?

Freelancers, medical practices, multi-specialist offices.
Thanks to the ease of use and versatility of the measurements carried out, we are able to offer cutting-edge technology suitable for a wide range of professional figures. From the dentist to the podiatrist, from the osteopath to the dermatologist, anyone can benefit from n technologies.

# Our products

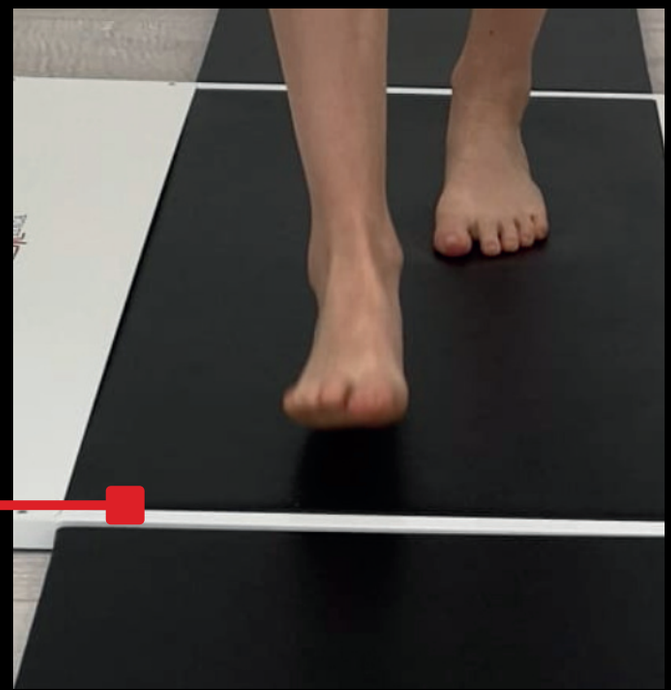


**The software:**

## Medical Dynamo Pro 2.0

Our All-In-One software, which allows you to have a single database for all the types of instruments we produce.
It allows you to perform static, dynamic, stabilometric examinations, morphological body or breech scans, analysis and 3D modeling of the insole.
It also offers the possibility of comparing the tests carried out over time, useful for ascertaining the effectiveness of treatments and orthoses.
All from a single platform, password-protected, where you can keep all your patient's data and reports safe.

**etria:**



## Dynamic and static examination

High acquisition frequency, up to a maximum of 600Hz, so as not to miss a single moment in the various phases of walking;

Possibility to perform the exam with or without footwear;

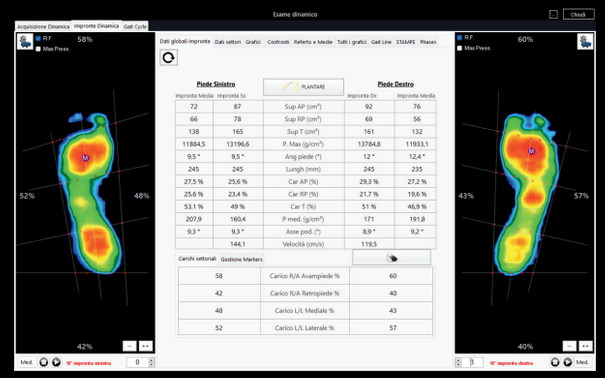
Comparison between the different tests carried out over time, useful for ascertaining the effectiveness of treatments and procedures

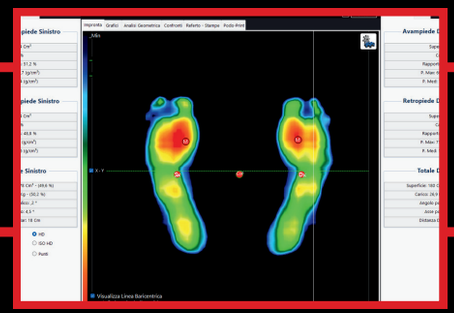
orthoses;

Different display modes: points, isobaric view and high resolution;

Software can automatically detect CoP, body weight distribution, and many more

measurements.



## Stabilometric examination

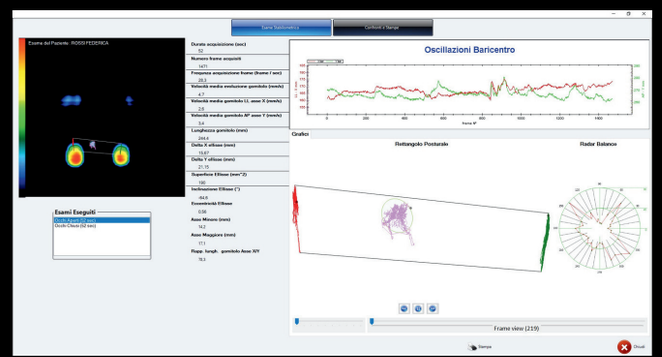
Evaluation of the oscillations performed by the patient when in an upright position, in calm conditions and in the absence of disturbances.

In the pathological field it contributes:

• the diagnosis of balance disorders (peripheral or central vestibular, cortical lesions, visual disorders, osteo-muscular diseases);

• monitoring rehabilitation and pharmacological therapies;

• to the medico-legal evaluation to establish the authenticity of disorders attributable to cervical whiplash or other causes.



**Medical Speed**

Our multi-sensor platform, 40x40 cm of sensorized surface, 56x56cm in its XL version. Lightweight and compact, completely made of aluminium, complete with transport bag and pair of walkways. Suitable for static and stabilometric studies, it can also be used for dynamic studies of one foot at a time.

**Medical Dual**

Multi-sensor platform 80x40cm of sensorized surface, 112x56cm in its XL version. Compact, completely made of CNC milled aluminium, complete with transport bag and pair of walkways for the dynamic study of double support. An excellent compromise between portability and versatility, it allows you to carry out precise and complete dynamic examinations without compromising the possibility of always carrying the instrument with you.

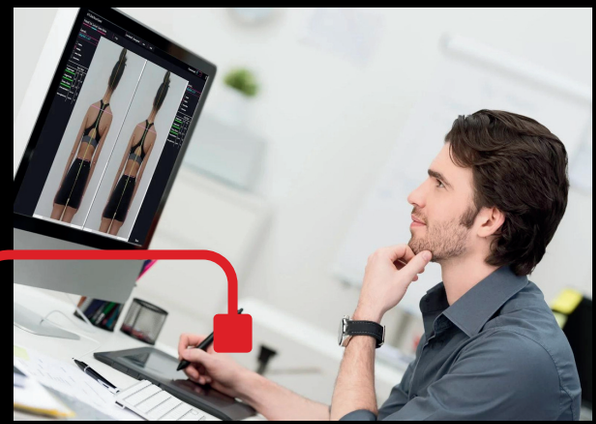
**Medical Elegance**

Multi-sensor platform 160x40cm Of sensorized surface, 168x56cm in its XL version. Completely made of CNC milled aluminium, it is supplied with a pair of passive walkways for the dynamic study of the gait. Suitable for a more complete and in-depth dynamic study, it allows you to acquire a more complete and natural gait, for a more precise and detailed study.

**Medical Sports**

Multi-sensor platform 240x40cm Of surface sensorized, 280x56cm in its XL version. Completely made of CNC milled aluminium, equipped with a pair of passive walkways for the dynamic study of the gait. It is the definitive tool that allows you to carry out dynamic examinations that are as exhaustive as possible, suitable for those who want to carry out detailed and extremely professional examinations.

# For body morphology exams: Body Postural System



The BPS system allows you to carry out morphological analysis of the body to visually evaluate and numerically quantify any asymmetries of a patient.

**Morphological examination**

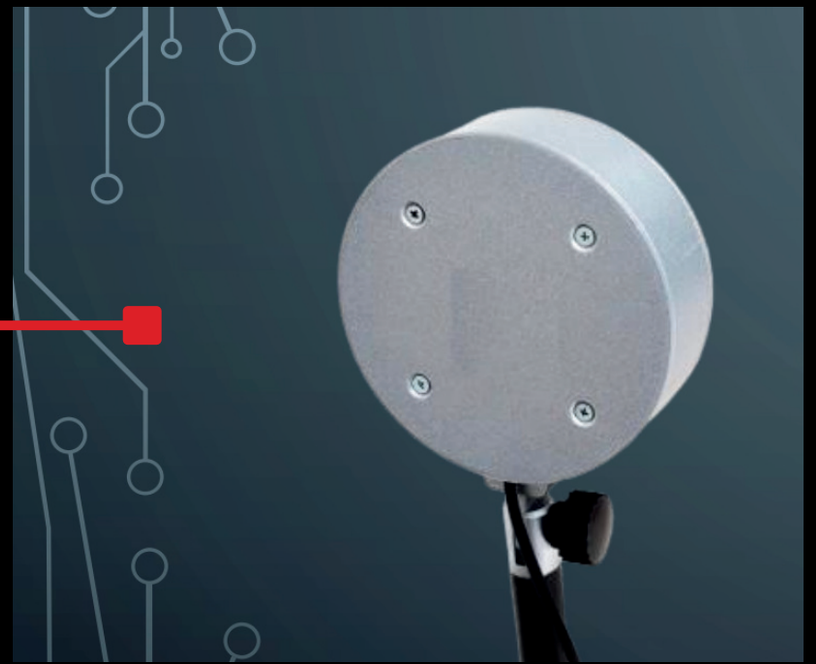
The acquisition is carried out with a digital process with a dedicated camera on a stand adjustable for the patient's height on which specific markers are positioned. Body Postural System is complete with image viewing software with 3D reconstruction of the shoulder blades, pelvis and spine. It allows the acquisition of radiographs with possible comparison with the patient's data. The system is able to automatically measure the length of the lower and upper limbs and perform, always automatically, calculations that today are carried out manually: such as, for example, the Cobb angle and the relative hump.
It is therefore a complete tool, the only one that allows you to monitor your patient over time, with a section dedicated to comparisons of the tests acquired.

**Other of the product's many features are:**

- Analysis of the patient's body morphology, aimed at highlighting any dysmetries;
- Preset protocol for complete analysis;
- Manual analysis with the possibility of tracing lines and angles on the patient's image;
- Reports exportable in PDF format;
- Calculation and graphic reconstruction of the spinal column in 3D.

## BPS Manual

Transportable postural system HD camera on tripod adjusts Software to measure the morphology of the entire body structure included, with 3D skeletal reconstruction and calculation



## Motorized BPS

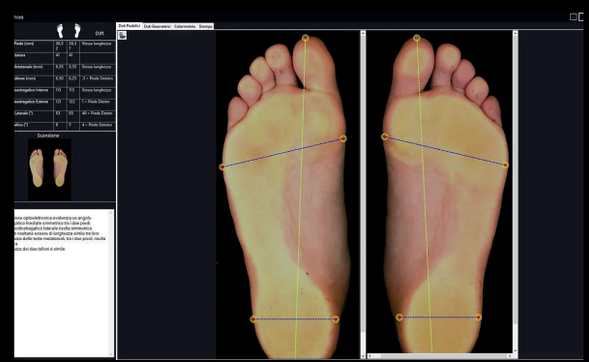
Transportable postural system with an HD camera on an electronic stand.
Software to measure the morphology of the entire body structure included, with 3D skeletal reconstruction and Cobb angle calculation.

# For plantar morphology exams: Podo-Print, 3D Scanner and Top Scan 3D

**Podo-Print, our 2D scanner**

A simple and fast scanning tool, for a perfect foot examination in any environment. Podo-Print is a two-dimensional scanner that allows you to carry out a computerized examination and scans the feet under load to study breech morphology. It can be compared to a classic podoscope, reimagined in a digital key.

Thanks to this powerful tool it is possible to highlight any structural asymmetries of the foot and the actual cavusity that could destabilize motor coordination.
The software automatically calculates the breech measurements and foot angles, offering the user the possibility of printing the relevant detailed report.
Podo-Print can also be used with the aid of a camera to capture images of the patient's foot obtaining the measurement of the loaded and unloaded arch.

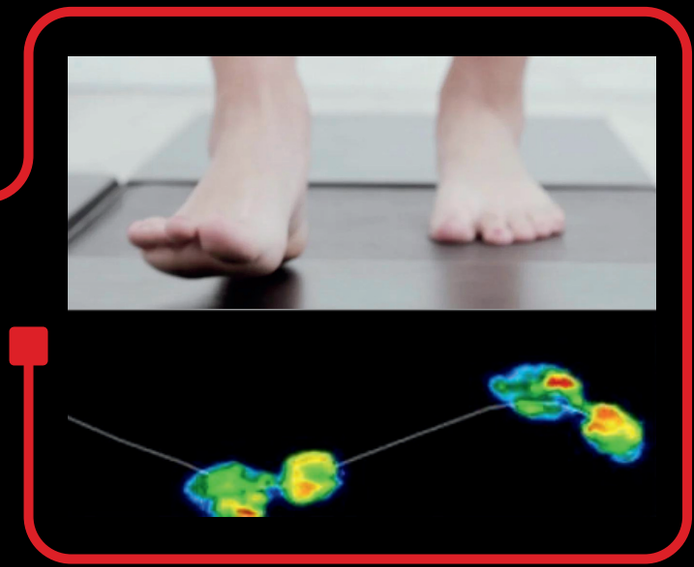


**p 3D Scan**

even more complete version of our 3D scanner; maintains all the features of the aforementioned, offering more additional measurements that allow you to model the last of the shoe in a more precise and

# Our treadmills are baropodometers

The sensorized treadmill is a
running st. Similar camera
technology synchronized with the
integration of up to 5 cameras
with each single exam. This
of excellence for a professional in the rehabilitation and sports field.



**Medical Runner Light and Pro**
Baropodometric treadmill with a sensory surface of 80x40cm (Light) or 120x40cm (Pro) acquisition with 52,100 sensors at 400fps.
Innovative system that studies plantar pressures during running thanks to the possibility of analyzing multiple supports, also ideal in the rehabilitation phase of patients suffering from motor problems.

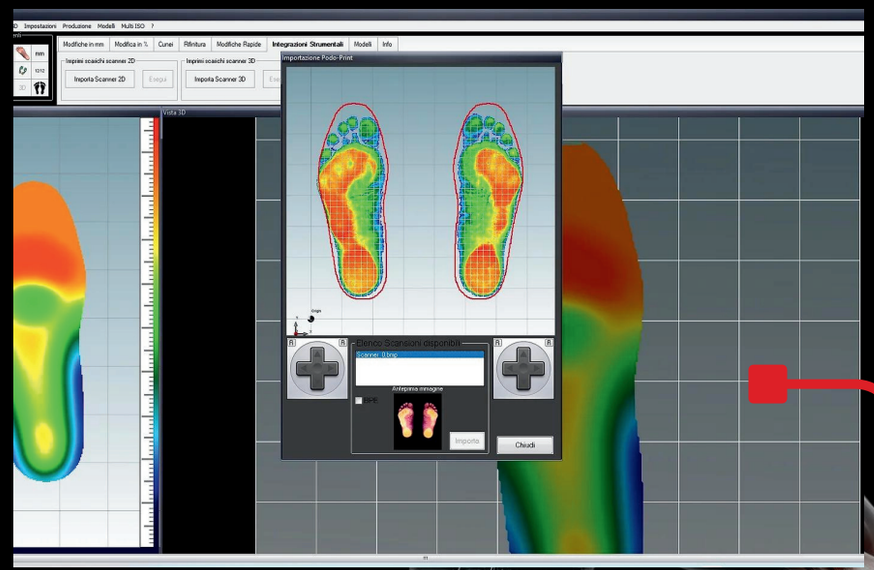
**Medical Runner Rehab**
Baropodometric treadmill with a sensory surface of 120x56cm for acquisition with 76,800 sensors at 400fps.
Innovative system that studies plantar pressures during running thanks to the possibility of analyzing multiple supports, also ideal in the rehabilitation phase of patients suffering from motor problems. Incredibly robust, with a generous acquisition surface suitable for any type of patient, to allow the most natural and comfortable walk possible.

# 3D modeling software:

**OrthoDynamo Pro 2.0**

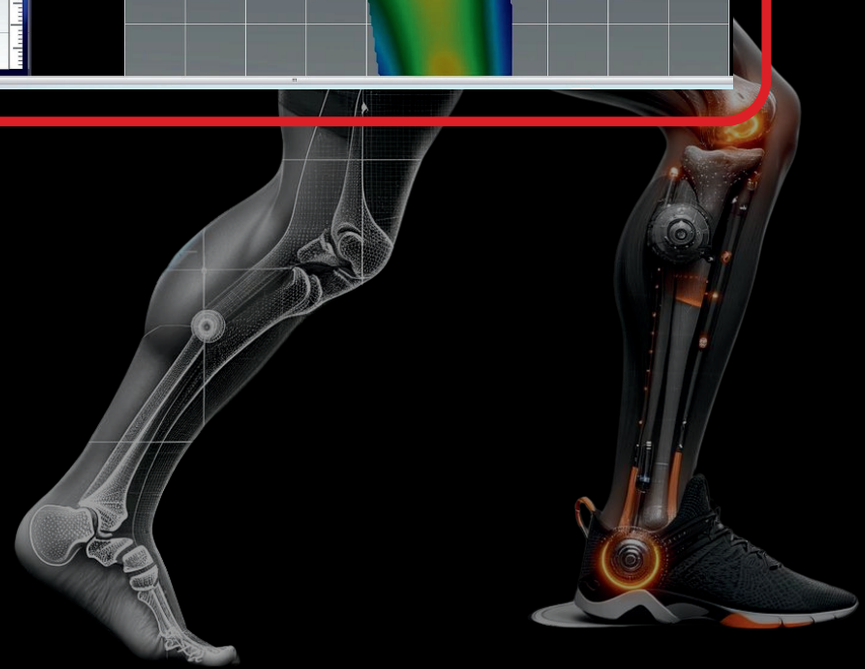
Our software, by interfacing with various baropodometry programs existing on the market, and being designed to produce a file that can be used with any pantograph, is able to offer maximum freedom of use to users of a large range of instruments.

With OrthoDynamo Pro you can perform any modification you wish, easily integrating baropodometric acquisitions or three-dimensional scans of the foot or phenolic foams, all while having a complete set of templates available.



**Inserting Objects**

The software has a list of corrective inserts in its memory that can be recalled and inserted on the orthosis, choosing the desired size and height. Once the object is positioned, you can continue to modify it according to your needs.



## Baropodometric image overlay

If you have a baropodometric platform, it is possible to recall the average of the exam to insert it directly on the insole, to be able to automatically or manually select the baropodometric reliefs.

## 3D scan imports

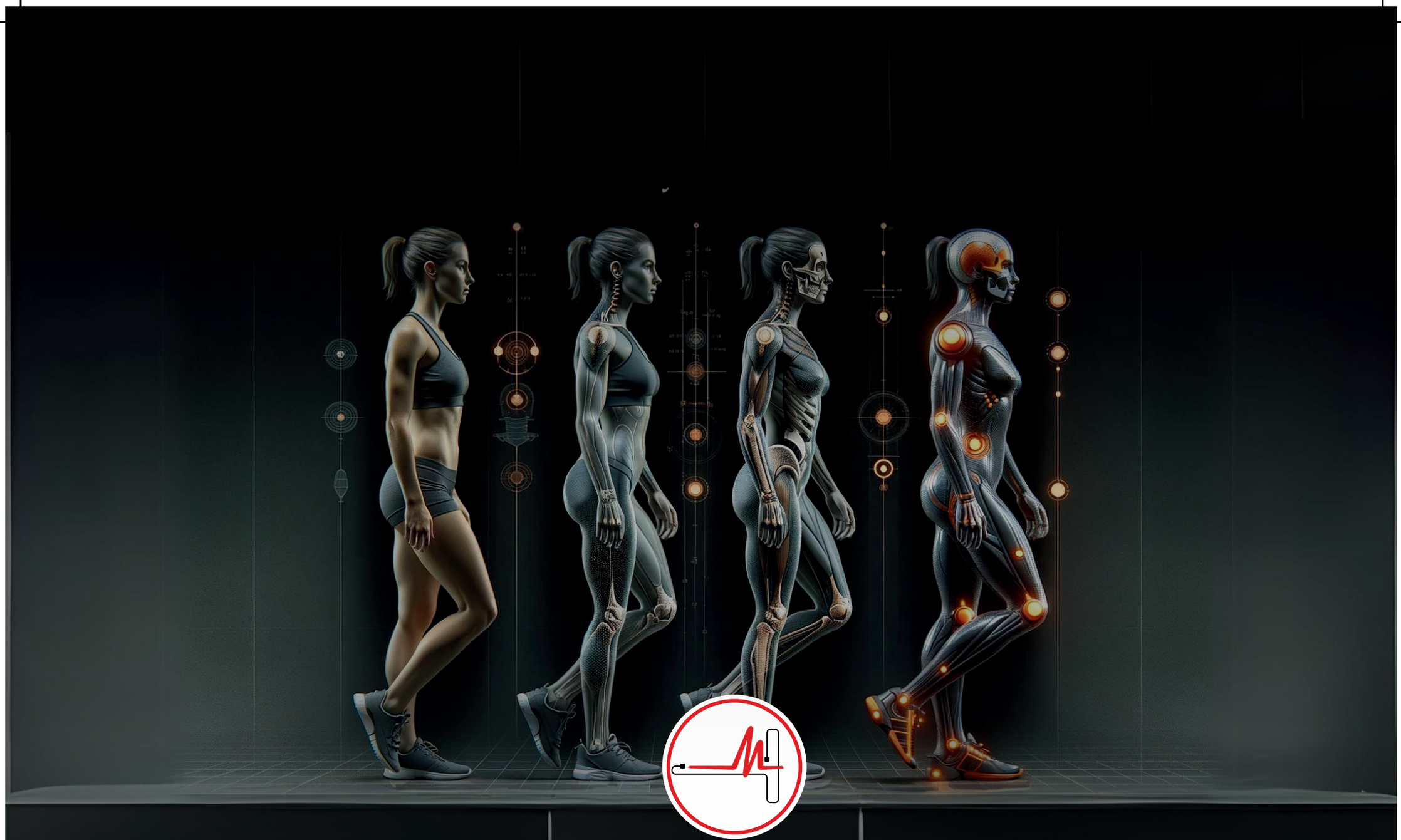
It will be possible to upload STL files, phenolic foams or patient's foot scanned with our 3D scanner; the software will detect the height measurements of the file and will allow us to make a cast orthosis.

## Import 2D scans

If a 2D scanner is used, we will be able to import the breech image to subsequently superimpose it on the orthosis to detect the areas of maximum contact.

## Continuous recording of changes

Everything is fine edit performed he comes saved automatically so that you can have a complete history of all the changes made to the orthosis. At the end of the work you can save the ISO file by setting cutting and roughing speeds depending on the CNC machine used.



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