## FEATURES AND BENEFITS

· Validity of medicolegal

· Improves communication with the patient

· Simplifies Clinical

· Reduces the time of the visit

· Facilitates the design of medical devices (bite, insoles ..)

· Allows monitoring of rehabilitation and postural reprogramming

· Facilitates interdisciplinary communication through documentation produced

· Ergonomic due to the weight of the mechanical

· Software constantly evolving and suitable for personalization

· Export of measured data to MS Office for processing and statistics

TECHNICAL FEATURES
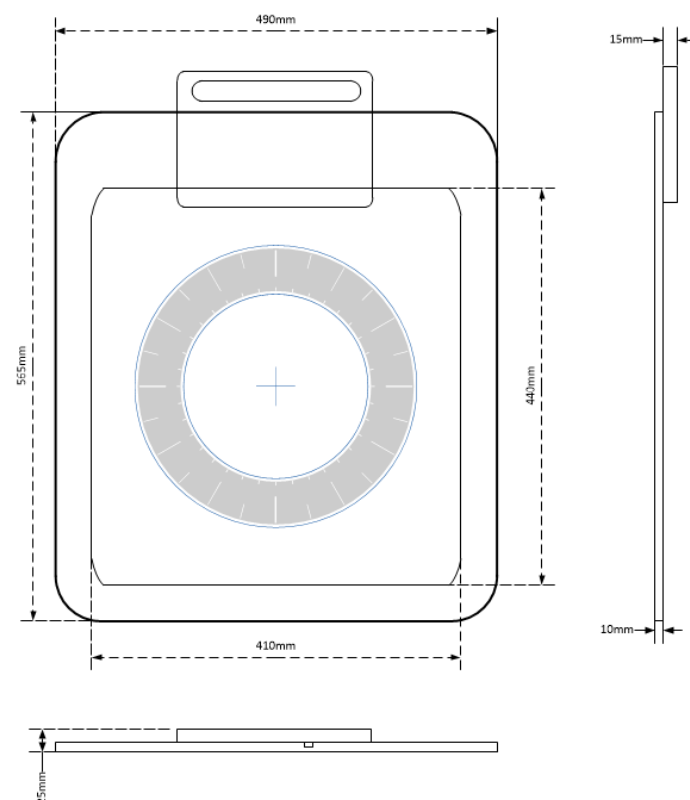
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BioPostural System®

Instrumental System for Posturometric Analysis

Pod-Base®

BioPostural
System

BioPostural System PodLight

It is an instrumental application for evaluation, static and dynamic baropodometry, as well as postural clinical analysis. The system uses a 40x40 cm platform with high acquisition speed resistive technology, making the acquisition simple and accurate in all those areas in which it is necessary to evaluate the static and dynamic foot support associated with the objectification of the main stabilometric parameters.

The application is able to provide information both in respect of international references (Normes 85) and the most current ones deriving from interdisciplinary and multidisciplinary national and international research for an ever clearer way of clinical interaction. The platform is extremely light (weighs only 2.5 kg) to facilitate transport and adapts to different applications and to different operators at an affordable cost without compromise.

The BioPostural System® is a system composed by a specific software for acquisition of the generic data, clinical and medical history of the patient, of images and posturometrics signals and a specific platform equipped with thousands of force sensors, baropodometric type and similar but not equal to a stabilometric platform. The software was developed using the technology "GUI" Graphics User Interface for a detailed view of the examination performed that leads the user to intuitively identify and study the issues related to the patient's posture. It brings together boards easy compilation, data acquisition and consulting objectified, with the help of sophisticated processing them due to the mathematical tools used. The operator can make use of an easy and quick synthesis in order to obtain a correct correlation with the clinical patient situation and the compensations used by the patient.
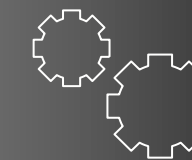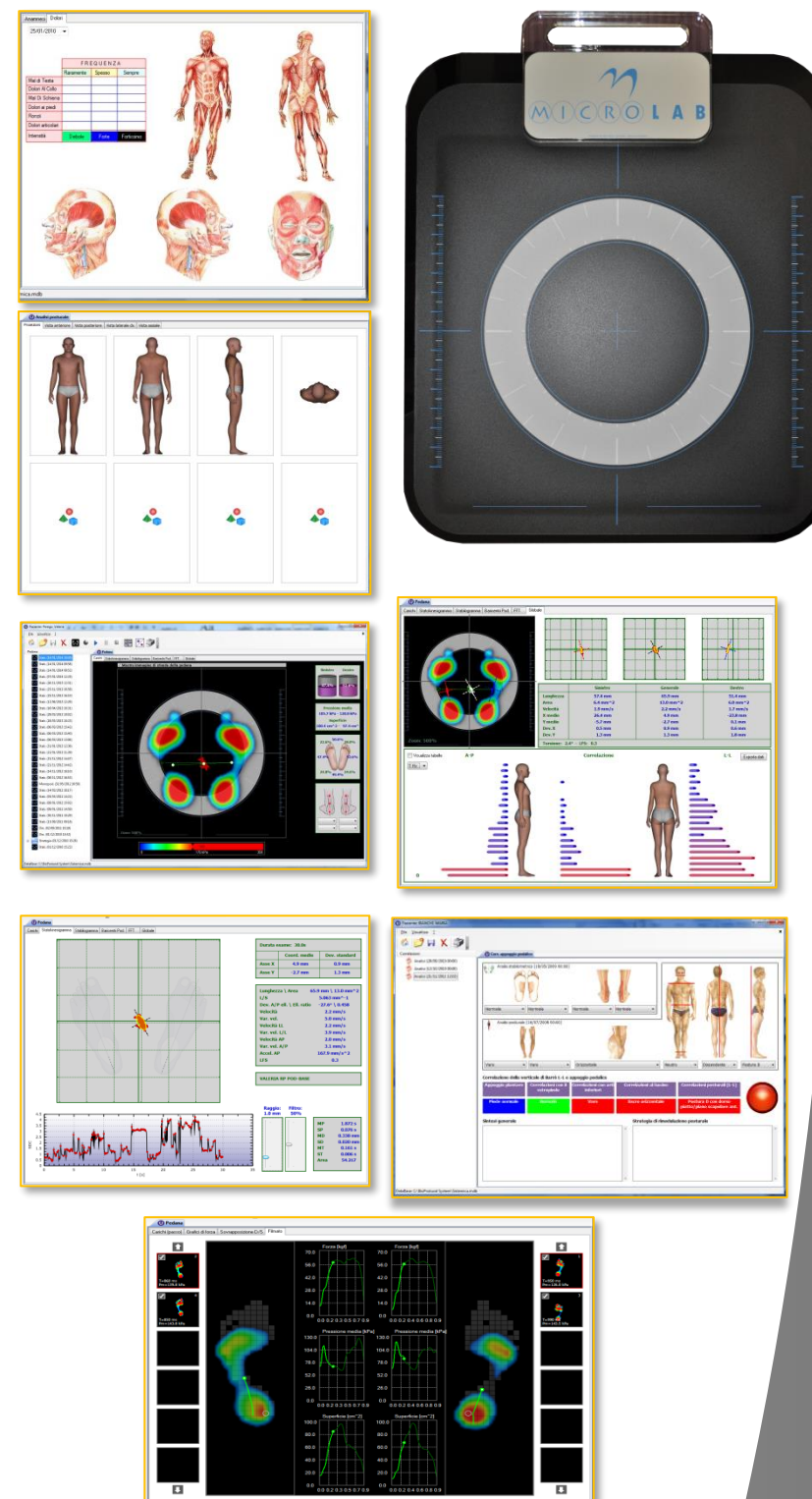
THE BIOPOSTURAL SYSTEM INCLUDE

- Complete registry of tax data and clinical status of the patient and the initial accounting situation;
- Anamnestic folder, graphics map of muscle pain and generic disorders table;
- Folder of clinical postural photo in the three projections (Harmony Postural tone, Barre Post., And LL);
- Clinical Diary and Notes clinical
- Exams folder with a tree representation of the examinations performed in chronological order according to the various protocols including objectification of the following information:
- Posturometric Analysis (Distribution of podalic partial loading, and total seating surfaces, axis of the centers of the pressure)
- Stabilometric analysis — Statokinesigram, Sway density;
- Stabilogram;
- Podalic statokinesigrams;
- F.F.T. and cross F.F.T (Fast Fourier Transform and Cross Fourier) for the study in the frequency domain of the postural system (SPF);
- Global synthesis of the analysis;
- Correlation analysis and postural support plantar stance;

Clinical protocols for the evaluation of:

- Romberg Quotient;
- Analysis monopodalic support;
- Analysis of Retroflexion of the head;
- Dynamic analysis of the plantar stance;
- Analysis of Occlusal Intersection;
- Custom protocols;
- Compare up to six analysis;