



CHECK MEDICAL SPORT



A quick, personal,
and efficient health
check



Technology: What bio-impedance analysis is?

Bio impedance analysis is a quick, simple, and non-invasive method for body composition measurements and assessment of functional disorders. The fundamentals of this technique rely on the rate at which electrical currents travel in the body.

During biological processes, electrical changes occur. This technology measures the resistance to the flow of the electrical current through the tissues. Biological tissues provoke either an active or passive response. Dysfunction occurs when there is electrical (ionic reaction) impairment.

How the machine works:

The Check Medical Sport is a functional diagnostic and screening device that has been around for over 25 years. It is an invention in functional medicine that can detect functional problems to support optimal health.

A healthy living organism responds to electric stimuli. The device applies the stimulus-response pattern using a headband, a footboard and two hand electrodes. In four consecutive pre-programmed sequences, very low intensity, 13Hz, pulses are sent through the body. The current enters the body from the positive electrode, flows through the subcutaneous tissue, and exits it at the negative electrode.

The device measures the skin resistance to the electric flow during this journey. The measurement provides information on the body's regulation ability and functionality. Variations from the normal range indicate functional disorders.

The Check Medical Sport device is so advanced that it measures the seven body segments and localises the assessment to specific organs. The most accurate results are derived if the patient is relaxed and the skin cleansed.

What issues does the device identify?

Check Medical Sport is a valuable assistant in providing information on:

- Stressed areas and organs by their severity
- Wide range of naturopathic therapy suggestions
- Muscle and fitness analysis with personalised training times
- Overall energetic state and energy reserves
- The reactive capability of the organs
- Acid-alkaline composition
- Nutritional analysis
- Metabolic type
- Stress Index & Factors

The benefits of using this device

Check Medical Sport examines the patient head to toe in 8 minutes using a non-invasive electrode application. It evaluates the patient holistically.

It is a cost-effective evaluation tool to identify the most critical therapeutic goals and systems under stress.

It uses Vitality Factor grading, which gives information on the patient's general state of health. In addition, the grading system facilitates monitoring improvements in the patient's health journey.

It displays graphical information on where the functional disorder appears in the patient's body that conventional investigation methods such as ECG, x-ray, ultrasound, computer tomography, and lab tests cannot always detect. What's more, results and therapeutic suggestions for therapy are known right away.

It is commonly used in body composition measurements to ascertain body fat and lean muscle mass ratios. This method is the most reliable and helpful assessment to establish whether healthy weight loss occurred.

Is this device for you?

Anyone in a health or wellness facility can conduct the screening; however, interpretation of the results must be carried out by a qualified health care practitioner.

Check Medical Sport may be used by:

- Nutritionists to create a more personalised dietary and lifestyle recommendations using a general but holistic screening technique that, combined with expert knowledge, is highly therapeutic and fast acting.
- Wellness centres and spas where offering patient health assessment is the cornerstone of the business. Patients can enjoy targeted massage therapy or physiotherapy sessions based on muscle analysis.
- Sports clubs and football teams to prevent and detect injuries. The device also identifies why injuries occur in some body regions and evaluates hydration rate, fat mass, and other markers to optimise fitness and training.
- Holistic/functional dentists who recognise that dental health impacts the whole person. Dental health problems are prevalent to cause chronic health problems.
- Complementary and alternative (CAM) practitioners to support their assessment in identifying the systems under stress and the most beneficial treatments in just 8 minutes. Initial consultation times are quicker and more effective.
- General practitioners (GPs) to identify health problems immediately without waiting for laboratory test results. Quick and targeted medication prescription and referrals to other healthcare professionals.
- Paediatrics may welcome this device in their practice to ensure the child's mysterious health problems are identified quickly without undesired examinations.

BIA is a technology backed by scientific studies and accepted by conventional medicine. Due to its non-invasive and quick assessment, the practitioner may test anyone, including children and infants. However, it is contra indicatory to those who are:

- pregnant
- patients with pacemakers
- hyperactive children
- patients with severe cardiac arrhythmia

Are you looking for more in-depth analysis?

Then, we invite you to combine the Check Medical Sports device with the Test Expert Plus. We suggest using Check Medical Sport for initial screening; based on the results, the patient may have a further screening to gain a more comprehensive understanding of the root causes of the health concerns.

Are you looking to provide a truly holistic service to your patients?

Look no further! The combined use of the diagnostic and therapeutic devices offers a truly holistic wellness experience to your patients. We invite you to check out the Med Matrix and Med Select.

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