



# Anea BIA


Bioelectrical Impedance Analyzer

The **Anea BIA** device uses electrical resistance to analyze body composition, including body fat percentage, lean mass, and muscle. With this information, you can monitor how your diet, exercise program, and lifestyle changes affect your body.


## Core Components


 **In just 45 Seconds**  
get fast and simple assessments of both body composition and hydration levels.


 **Purely impedance-based**  
our method delivers results without relying on any statistical estimates.

 **Your Health History**  
Monitor your body composition evolution with our tracked History Chart featured in the results sheet.

 **Segmental Data**  
Provides Segmental ICW, ECW values.

 **Soft lean mass**  
Receive detailed soft lean mass measurements in Kilograms for each body segment.

 **Body Water**  
Breakdown includes Total Body Water, Intracellular Water, and Extracellular Water divisions.

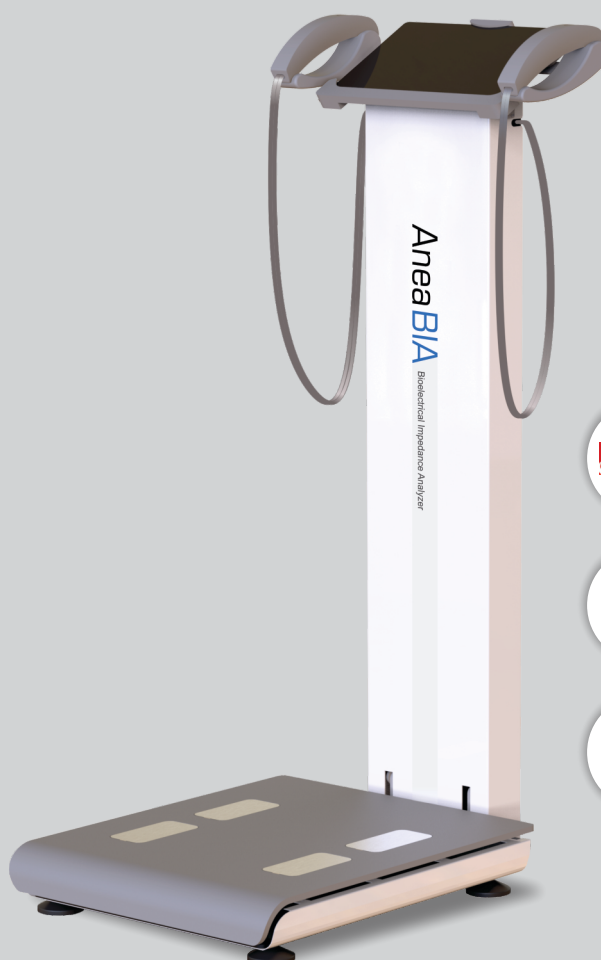
 **Body Fat**  
Assessment includes segmental fat distribution and visceral fat analysis.

 **Life Time Calibration Guarantee**

## Anea BIA Empowering Professionals Globally

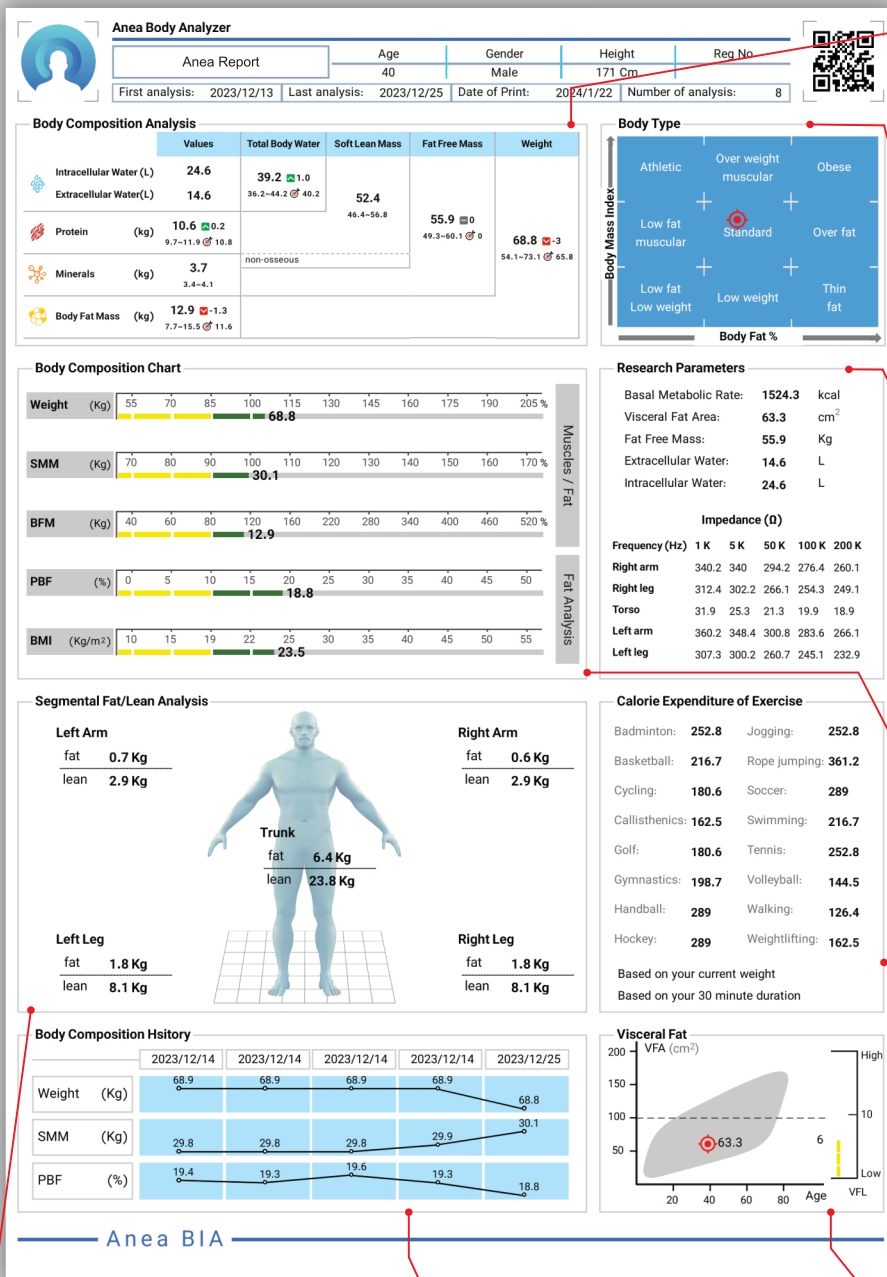


The **Anea BIA** is a vital resource for hospitals, universities, health clinics, and fitness centers, providing critical body water data for patients and clients managing diabetes, obesity, and related health issues.



## Technical Specifications

- Weighting range: 10 to 300 kg
- frequency: 200, 100, 50, 5, 1 kHz (5 frequencies)
- Device material: metal and pressure-resistant PU
- Technology: Bio-Electrical Impedance Analysis (BIA)
- Duration of analysis: 45 seconds
- Infinite Analysis
- Weighting accuracy:  $\pm 50$  grams
- Device Weight: 27 kg



## Body Composition Analysis

In this section, the levels of body components such as water, protein, minerals, fat, and weight are analyzed and compared to normal ranges. It also provides a summary of the body's optimal conditions and necessary changes for improvement.

## Body Type

The individual's body type is determined based on the body mass index (BMI) and fat percentage, indicated by the red marker.

## Basal Metabolism

Basal metabolism is the minimum energy required by the body to perform basic functions.

## Impedance

The impedance levels of different body parts (hands, legs, and torso) are measured at frequencies of 1, 5, 50, 100, and 200 kilohertz and recorded in a table.

## Body Composition Chart

The body composition chart uses colors yellow (low), green (normal), and red (high) to indicate the analyzed individual's physical status in terms of weight, muscle weight, fat weight, fat percentage, and body mass index (BMI).

## Calorie Usage

In this section, the estimated calorie expenditure for 30 minutes of exercise in different sports is indicated based on the individual's current weight.

## Segmental Analysis

This section of the report provides a segmented analysis of the individual's body composition in terms of fat weight and lean weight in five parts: right arm, left arm, right leg, left leg, and torso.

## Change Tracking

A report of weight, muscle weight, and body fat percentage changes over different time intervals is displayed on a chart (body composition history), allowing you to stay informed about your progress.

## Visceral Fat

This section displays the area of visceral fat in relation to the individual's age, indicated by the red marker. Visceral fat is the fat stored deep in the abdomen, wrapped around vital organs.

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