

Body Composition Testing Preparation for BIA

Bioimpedance analysis (BIA) is a reliable method of measuring body composition, including percentage of body fat and lean body mass. Measurements are taken with a bioimpedance analyzer, which uses electrodes similar to EKG electrodes. The machine passes a harmless, ultra-low level electrical current through the body. Lean tissue, which is over 70% water, is a good conductor of electrical current. Fatty tissue—low in water, is not. Thus, the resistance to the flow of electrical current measured by the analyzer can be used to calculate body composition.

Participants will need to remove their right shoe and sock or stocking. The electrodes are placed on the right hand and foot while the individual is lying down on an exam table. This whole procedure takes only a few minutes and a computer prints out the results. Optimal body fat ranges from 12%-25% for women, and 5%-20% for men.

Over 100 independent studies, conducted by researchers over the past 20 years, have demonstrated that bioimpedance analysis can provide an accurate and clinically useful assessment of body composition. However, for the most accurate results, the following guidelines should be followed:

1. Do not eat for 4 hours prior to testing.
2. Do not exercise for 12 hours prior to testing.
3. Do not consume alcohol for 24 hours prior to testing.
4. Drink at least 1 quart of water one hour before your test (you may void as needed).
5. Do not drink caffeine the day of your test.
6. Do not wear pantyhose.

Please follow these guidelines for your next visit.



FALLING WATERS
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 541-389-4321

Appointment Reminder

Your appointment is scheduled for:

Date _____ Time _____ AM / PM

Thank You!

We look forward to helping you successfully achieve your personal health goals