

# Computerized Tests

(via Technician-monitored programs.)

## 1. Cardiac Screening Test:

This involves a 12-lead ECG in combination with the Cardio DM-06 (a new computer analyzed ECG screening device that uses a dispersion mapping method to detect heart disease BEFORE life altering symptoms appear). This test uses traditional ECG signals as a way of capturing low amplitude oscillations of surface potentials during the particular PQRST cardio cycle intervals. It is intended for a quick identification of heart performance abnormalities.

## 2. Electrocardiogram (ECG):

This quick and painless test is your typical 12-lead ECG; a very useful tool in determining your heart rate and heart rhythm.

## 3. Arterial Stiffness Index (ASI):

This test measures the elasticity and flexibility of the blood vessels - this is important in determining blockages and cardiovascular disease.

## 4. Bone Density Test:

This test is done on the ankle bone (cancellous bone is 8x more metabolically active than cortical) and uses quantitative ultrasound (QUS) to measure bone mass, structure and elasticity.

## 5. Peripheral Visual Field Test:

This test is like an eye exam but is computerized. It measures peripheral vision for detecting early signs of ocular disorders before they affect central vision. It is also used for monitoring the effectiveness of eye-therapy regimes.

## 6. Thermography:

Thermography is also known as Digital Infra-red Thermal Imaging (DITI). It is an early screening technique using a highly-sensitive camera to measure infra-red radiation (temperature) variations - it detects increases in surface temperature and vascular changes. As a result, it produces images that reveal sites of abnormal tissue growth.

*\* For more details, see our Thermography Brochure.*

## 7. Hair Analysis:

This tests epigenetics from hair follicles to determine how everyday influences in our diet, environment and lifestyle affect how our genes express themselves. The idea is that by changing the environment, you can find the best gene expression to help support wellness.