

What is Autonomic Nervous System (ANS)?

Autonomic Nervous System (ANS) controls many vital functions. It regulates heart rate, digestions, respiratory rate, pupillary response, urination and many other functions. The ANS is divided into Sympathetic Nervous System (“fight or flight”) and Parasympathetic Nervous System (“rest and digest”). Maintaining autonomic balance reduces complications of chronic disease and reduces mortality and morbidity.

What is Ankle Brachial Index Test (ABI)?

Ankle brachial index (ABI) is a simple test that compares the blood pressure in the upper and lower limbs. Physician reviews the ratio to determine the risk peripheral artery disease (PAD) in blood vessels. May be combined with ANS Testing.

Why Use ANS Testing?

- Assess autonomic nervous system
- Distinguish between early and late stages of autonomic neuropathy
- Explain responses to changes in environmental conditions
- Manage symptoms that result from abnormal autonomic functions
- Test for Cardiovascular Autonomic Neuropathy (CAN)
- Early detection of Silent Ischemia
- Assess risk of sudden cardiac death
- Test for Diabetic Autonomic Neuropathy (DAN)
- Origin of Syncope
- Origin of Dizziness
- Help monitor overall health
- Other autonomic disorders

What are the details of the ANS Test?

ANS testing is a simple test that lasts anywhere from 7 – 15 minutes depending on the patient. ANS testing is based on heart rate variability (HRV), respiration rate, blood pressure and pulse wave through different parts of the test. The patient performs a series of maneuvers while the ANS system monitors the body’s response. The system looks at changes in heart rate, blood pressure and respiration rate to calculate parasympathetic and sympathetic system responses.

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ANS Testing CPT Codes: 95923, 95921

Ankle Brachial Index Test CPT Code: 93923