

## APPLICABLE CPT CODES

### ANS Test

#### 1) CPT 93922 - Cardiovascular Analysis- \$240

Measurement of Arterial Circulation and Compliance - Non-invasive physiological studies of upper or lower extremity arteries “Non-invasive physiologic studies of upper or lower extremity arteries, single level, Bilateral (for example, ankle/brachial indices, Doppler waveform analysis, volume Plethysmography, transcutaneous oxygen tension measurement”). **( with Cigna this cpt code must be billed under Medsolutions)**

#### 2) CPT 93040-59 - Rhythm ECG Analysis - \$25

Rhythm ECG, one to three leads; with interpretation and report.

#### 3) CPT 95921 59- Parasympathetic NS Testing Modifier - \$150

Measurement of heart rate response to deep breathing with recorded R-R interval, Valsalva ratio and 30:15 ratio; Testing of autonomic nervous system function; cardiovagal innervation (parasympathetic function), including two or more of the following: heart rate response to deep breathing with recorded R-R interval, Valsalva ratio, and 30:15 ratio.

#### 4) CPT 95922 59 – Sympathetic NS Testing Modifier - \$180

Measurement of beat-to-beat blood pressure and R-R interval changes during Valsalva maneuver and at least 5 minutes of passive tilt (Standing Phase) Testing of autonomic nervous system function; vasomotor adrenergic innervation (sympathetic adrenergic function), including beat-to beat blood pressure and R-R interval changes during Valsalva maneuver.

\*With each ANS test claim, bill all four CPT codes and choose one ICD-9 code from each page. Only two icd-9 codes are necessary.

## ICD-9 CODES FOR ANS MONITORING

The ICD-9 codes in this table have been billed as criteria for Autonomic Nervous System Function Testing and Monitoring. The codes have been successfully reimbursed by most insurance providers. This list can include more clinical correlations as necessary from time to time. Please note the list of ICD-9 codes is accepted in most areas by Medicare without the need for pre-certification of medical necessity.

### CPT 95921-59

#### CARDIO

401.9 - 405.99 Hypertension  
412 Post – MI  
413.9 Angina  
424.0 Mitral Valve Prolapse Syndrome  
425.4 Cardiomyopathy  
427.9 Cardiac Dysrhythmias  
428.0 Congestive Heart Failure  
440.9 Atherosclerosis

#### DIABETES 250.1 - 250.8

#### ENDOCRINE

244.0 - 244.9 Acquired Hypothyroidism/Unspecified  
242.90 Hyperthyroidism, NOS  
246.9 Thyroid Disorders  
242.90 Hyperthyroidism, NOS  
252.00 Hyperparathyroidism, unspec  
252.01 Hyperparathyroidism, primary  
256.31 Premature Menopausal Symptoms  
627.2 Menopausal Syndromes

#### INTERNAL MED

272.0 272.2, 272.4, 272.9 Hyperlipidemia/Hypercholesterolemia  
276.52 Hypovolemia  
277.3 Amyloidosis  
278.00, 278.01, 278.02 Obesity, Morbid Obesity, over weight  
279.3 Unspecified Immunity Deficiency  
296.80 Bipolar Disease  
300.00 Anxiety  
307.4 Sleep Disorders  
309.81 Post-Traumatic Stress Syndrome  
311 Depression  
530.11 GERD  
530.81 Gastrointestinal Reflux  
536.3 Gastro paresis  
564.1 Irritable Bowel Syndrome  
710.2 Sicca Syndrome  
729.1 Fibromyalgia  
782.3 Edema  
785.4 Gangrene  
786.00 Respiratory abnormality  
786.50, 786.51, 786.52, 786.59 Chest Pain

### CPT 95922-59

#### NEPHRO

403.90 Hypertensive Renal Disease  
586 Renal Failures  
588.81 Hyperparathyroidism, secondary, renal  
600.00 Hypertrophy of Prostate without UO  
600.01 Hypertrophy with UO

#### NEURO

307.81 Tension Headache  
314.01 ADD/ADHD  
332.0 Parkinsonism  
333.0 Shy-Drager Syndrome (Orthostatic Hypotension with Multisystem Degeneration)  
337.0 Idiopathic Peripheral Autonomic Neuropathy  
337.2 - 337.29 Chronic Regional Pain Syndrome or RSD  
337.9 Unspecified Disorder of the Autonomic Nervous System  
340 Multiple Sclerosis  
346.0-346.9 Migraine  
356.4 Idiopathic Progressive Polyneuropathy  
356.8 Other Specified Idiopathic Peripheral Neuropathy  
356.9 Unspecified Peripheral Idiopathic Neuropathy  
357.2 Polyneuropathy in Diabetes  
357.4 Polyneuropathy in Other Disease Classified Elsewhere  
358.1 Myasthenic Syndrome (Eaton-Lambert)  
458.0 Orthostatic Hypotension  
458.1 Chronic Hypotension  
742.8 Other Specified Congenital Anomalies of the Nervous System  
780.2 Syncope and Collapse  
780.4 Vertigo/Dizziness  
780.71 Chronic Fatigue Syndrome  
784.0 Headache  
785.0 Tachycardia (Postural)  
785.1 Palpitations

#### PULMONARY

493.2 - COPD (Asthma with Chronic Obstructive Pulmonary Disease)  
493.9 - 493.92 - Asthma  
780.5 - 780.59 - Sleep Disturbances  
780.52 Insomnia

### CPT 93040-59

## ICD-9 CODES FOR ANS MONITORING

### CPT 93922 CV Assessment

"Non-invasive physiologic studies of upper or lower extremity arteries, single level, Bilateral (for example, ankle/brachial indices, Doppler waveform analysis, **volume plethysmography**, transcutaneous oxygen tension measurement").

- 440.2 Atherosclerosis of extremities
- 440.20 Atherosclerosis of extremities, unspecified
- 440.21 Atherosclerosis of extremities, with intermittent claudication
- 440.22 Atherosclerosis of extremities, with rest pain
- 440.23 Atherosclerosis of extremities, with ulceration
- 440.24 Atherosclerosis of extremities, with gangrene
- 440.29 Atherosclerosis of extremities, other
- 442.21 Arterial embolism/thrombosis of upper extremity
- 442.22 Arterial embolism/thrombosis of lower extremity
- 442.3 Aneurysm of a lower extremity artery
- 443.1 Thromboangiitis obliterans (Buerger's disease)
- 443.8 Other specified peripheral vascular disease
- 443.9 Peripheral vascular disease, unspecified
- 447.1 Stricture of artery (stenosis)

#### **Applicable ICD-9 Codes for Abnormal Test Results General Arterial**

- 250.7 Diabetes with peripheral circulatory disorders
- 440.2 Atherosclerosis of extremity arteries
- 440.20 Atherosclerosis of the extremities, unspecified
- 440.8 Atherosclerosis of other specified arteries
- 440.9 Generalized and unspecified atherosclerosis
- 443.81 Peripheral angiopathy in diseases classified elsewhere
- 443.9 Peripheral vascular disease, unspecified
- 446.\* Vasculitis
- 447.0 Arteriovenous fistula, acquired
- 447.1 Stricture of artery (stenosis)
- 747.6 Congenital anomalies of peripheral vascular system
- 785.4 Gangrene

#### **Applicable ICD-9 Codes for Normal Test Results**

The following diagnostic codes may be applicable for patients with normal test results, where their symptoms are not due to Peripheral Arterial Disease.

General

- 250.1 Diabetes
- 272.4 Hyperlipidemia
- 278.0 Obesity
- 401.9 Unspecified hypertension
- 695.9 Erythematous condition, unspecified
- 729.5 Pain in limb
- 729.81 Swelling of limb
- 729.82 Cramp
- 780.7 Malaise and fatigue
- 782.0 Disturbance of skin sensation
- 782.2 Localized superficial swelling, mass or lump
- 782.3 Edema
- 784.0 Other symptoms involving cardiovascular system
- 786.\* Injury to blood vessel at unspecified site