190.24 Digoxin Therapeutic Drug Assay (1 of 2)
CPT Code: 80162
NCD Description: A Digoxin therapeutic drug assay is useful for diagnosis and prevention of digoxin toxicity, and/or prevention for under dosage of digoxin.

ICD-9-CM Codes that Support Medical Necessity
The Digoxin is determined to be medically necessary by Medicare only when it is ordered for patients with one of the conditions listed below. ICD-9-CM codes that support medical necessity are listed, but it is not enough to link the procedure code to a correct payable ICD-9-CM code. The diagnosis must be present for the procedure to be paid and the procedure must be reasonable and medically necessary for that diagnosis. Documentation within the patient’s medical record must support the medical necessity for the test(s) provided.

242.00-242.91 Thyrotoxicosis with or without goiter
243 Congenital hypothyroidism
244.0-244.9 Acquired hypothyroidism
245.0-245.9 Thyroiditis
275.2 Disorders of magnesium metabolism
275.40-275.49 Disorders of calcium metabolism
275.5 Hungry bone syndrome
276.0 Hyperosmolality
276.1 Hyposmolality
276.2 Acidosis
276.3 Alkalosis
276.4 Mixed acid-base balance disorder
276.50-276.52 Volume depletion
276.61 Transfusion associated circulatory overload
276.69 Other fluid overload
276.7 Hyperpotassemia
276.8 Hypopotassemia
276.9 Electrolyte and fluid disorders not elsewhere classified
278.91 Rheumatic Heart Failure
293.0 Delirium due to conditions classified elsewhere
293.1 Subacute delirium
307.47 Other dysfunctions of sleep stages or arousal from sleep
339.3 Drug induced headache, not elsewhere classified
368.16 Psychophysical visual disturbances
368.8 Other specified visual disturbances
368.9 Unspecified visual disturbances
397.9 Rheumatic diseases of endocardium
398.0 Rheumatic Myocarditis
398.91 Rheumatic Heart Failure
402.01 Hypertensive heart disease, malignant with heart failure
402.11 Hypertensive heart disease, benign with heart failure
402.91 Hypertensive heart disease, unspecified with heart failure
403.00-403.91 Hypertensive chronic kidney disease
404.00-404.93 Hypertensive heart and chronic kidney disease
410.00-410.92 Acute myocardial infarction

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<table>
<thead>
<tr>
<th>ICD-9-CM Code</th>
<th>Condition Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>411.0-411.89</td>
<td>Other acute &amp; subacute forms of ischemic heart disease</td>
</tr>
<tr>
<td>413.0-413.9</td>
<td>Angina pectoris</td>
</tr>
<tr>
<td>414.4</td>
<td>Coronary atherosclerosis due to calcified coronary lesion</td>
</tr>
<tr>
<td>422.0-422.99</td>
<td>Acute myocarditis</td>
</tr>
<tr>
<td>425.0, 425.11, 425.18, 425.2-425.9</td>
<td>Cardiomyopathy</td>
</tr>
<tr>
<td>426.0-426.9</td>
<td>Conduction disorders</td>
</tr>
<tr>
<td>427.0-427.9</td>
<td>Cardiac dysrhythmias</td>
</tr>
<tr>
<td>428.0-428.9</td>
<td>Heart failure</td>
</tr>
<tr>
<td>429.2</td>
<td>Cardiovascular disease, unspecified</td>
</tr>
<tr>
<td>429.4</td>
<td>Heart Disturbances Postcardiac Surgery</td>
</tr>
<tr>
<td>429.5</td>
<td>Rupture chordae tendineae</td>
</tr>
<tr>
<td>429.6</td>
<td>Rupture papillary muscle</td>
</tr>
<tr>
<td>429.71</td>
<td>Acquired cardiac septal defect</td>
</tr>
<tr>
<td>444.01</td>
<td>Saddle embolus of abdominal aorta</td>
</tr>
<tr>
<td>444.09</td>
<td>Other arterial embolism and thrombosis of abdominal aorta</td>
</tr>
<tr>
<td>514</td>
<td>Pulmonary congestion &amp; hypostasis</td>
</tr>
<tr>
<td>573.5</td>
<td>Hepatopulmonary syndrome</td>
</tr>
<tr>
<td>579.9</td>
<td>Unspecified Intestinal malabsorption</td>
</tr>
</tbody>
</table>

190.24 Digoxin Therapeutic Drug Assay (2 of 2)
CPT Code: 80162
NCD Description: A Digoxin therapeutic drug assay is useful for diagnosis and prevention of digoxin toxicity, and/or prevention for under dosage of digoxin.

ICD-9-CM Codes that Support Medical Necessity
The Digoxin is determined to be medically necessary by Medicare only when it is ordered for patients with one of the conditions listed below. ICD-9-CM codes that support medical necessity are listed, but it is not enough to link the procedure code to a correct payable ICD-9-CM code. The diagnosis must be present for the procedure to be paid and the procedure must be reasonable and medically necessary for that diagnosis. Documentation within the patient’s medical record must support the medical necessity for the test(s) provided.

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<tr>
<th>ICD-9-CM Code</th>
<th>Condition Description</th>
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</thead>
<tbody>
<tr>
<td>584.5</td>
<td>Acute kidney failure with lesion of tubular necrosis</td>
</tr>
<tr>
<td>584.6</td>
<td>Acute kidney failure with lesion of renal cortical necrosis</td>
</tr>
<tr>
<td>584.7</td>
<td>Acute kidney failure with lesion of renal medullary (papillary) necrosis</td>
</tr>
<tr>
<td>584.8</td>
<td>Acute kidney failure with other specified pathological lesion in kidney</td>
</tr>
<tr>
<td>584.9</td>
<td>Acute kidney failure, unspecified</td>
</tr>
<tr>
<td>584.9</td>
<td>Acute kidney failure, unspecified</td>
</tr>
<tr>
<td>585.1-585.9</td>
<td>Chronic kidney disease</td>
</tr>
<tr>
<td>586</td>
<td>Renal Failure, unspecified</td>
</tr>
<tr>
<td>587</td>
<td>Renal sclerosis, unspecified</td>
</tr>
<tr>
<td>588.0</td>
<td>Renal osteodystrophy</td>
</tr>
</tbody>
</table>

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Data Source: http://www.cms.gov

588.1 Nephrogenic Diabetes Insipidus
588.81 Secondary hyperparathyroidism (of renal origin)
588.89 Other specified disorders resulting from impaired renal function
588.9 Unspecified disorder resulting from impaired renal function
780.01 Coma
780.02 Transient alteration of awareness
780.09 Other ill-defined general symptoms (drowsiness, semicoma, somnolence, stupor, unconsciousness)
780.1 Hallucinations
780.2 Syncope and collapse
780.4 Dizziness and giddiness
780.71 Malaise and fatigue
780.72 Functional quadriplegia
780.79 Other malaise and fatigue
783.0 Anorexia
784.0 Headache
787.01-787.03 Nausea & vomiting
787.04 Bilious emesis
787.91 Diarrhea
794.31 Abnormal electrocardiogram
799.21 Nervousness
799.22 Irritability
799.23 Impulsiveness
799.24 Emotional lability
799.25 Demoralization and apathy
799.29 Other signs and symptoms involving emotional state
972.0 Poisoning by cardiac rhythm regulators
972.1 Poisoning by cardiotonic glycosides & drugs of similar action
995.20 Unspecified adverse effect of unspecified drug, medicinal and biological substance
995.21 Arthus phenomenon
995.24 Failed moderate sedation during procedure
995.27 Other drug allergy
995.29 Unspecified adverse effect of other drug, medicinal & biological substance
*E942.1 Adverse effect of cardiotonic glycosides and drugs of similar action
V58.69 Encounter long term - medication use (not elsewhere classified)
*Code may not be reported as a stand-alone or first-listed code on the claim

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