

**National Coverage Determination**  
**Procedure Code: 80162**  
**Digoxin Therapeutic Drug Assay**  
**CMS Policy Number: 190.24**  
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**Description:** A digoxin therapeutic drug assay is useful for diagnosis and prevention of digoxin toxicity, and/or prevention for under dosage of digoxin.

**Indications:**

Digoxin levels may be performed to monitor drug levels of individuals receiving digoxin therapy because the margin of safety between side effects and toxicity is narrow or because the blood level may not be high enough to achieve the desired clinical effect.

Clinical indications may include individuals on digoxin:

- With symptoms, signs or electrocardiogram (ECG) suggestive of digoxin toxicity
- Taking medications that influence absorption, bioavailability, distribution, and/or elimination of digoxin
- With impaired renal, hepatic, gastrointestinal, or thyroid function
- With pH and/or electrolyte abnormalities
- With unstable cardiovascular status, including myocarditis
- Requiring monitoring of patient compliance

Clinical indications may include individuals:

- Suspected of accidental or intended overdose
- Who have an acceptable cardiac diagnosis (as listed) and for whom an accurate history of use of digoxin is unobtainable

The value of obtaining regular serum digoxin levels is uncertain, but it may be reasonable to check levels once yearly after a steady state is achieved. In addition, it may be reasonable to check the level if:

- Heart failure status worsens
- Renal function deteriorates
- Additional medications are added that could affect the digoxin level
- Signs or symptoms of toxicity develop

Steady state will be reached in approximately 1 week in patients with normal renal function, although 2-3 weeks may be needed in patients with renal impairment. After changes in dosages or the addition of a medication that could affect the digoxin level, it is reasonable to check the digoxin level one week after the change or addition. Based on the clinical situation, in cases of digoxin toxicity, testing may need to be done more than once a week.

Digoxin is indicated for the treatment of patients with heart failure due to systolic dysfunction and for reduction of the ventricular response in patients with atrial fibrillation or flutter. Digoxin may also be indicated to treat other supraventricular arrhythmias, particularly with heart failure.

**Limitations:**

This test is not appropriate for patients on digitoxin or treated with digoxin FAB (fragment antigen binding) antibody.

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To review all requirements of this policy, please see: [CMS NCD listing by Chapter](#)

**Covered ICD-10 Codes.**

ICD-10	Descriptor
<a href="#">A18.84</a>	Tuberculosis of heart
<a href="#">E00.0</a>	Congenital iodine-deficiency syndrome, neurological type
<a href="#">E00.1</a>	Congenital iodine-deficiency syndrome, myxedematous type
<a href="#">E00.2</a>	Congenital iodine-deficiency syndrome, mixed type
<a href="#">E00.9</a>	Congenital iodine-deficiency syndrome, unspecified
<a href="#">E01.8</a>	Oth iodine-deficiency related thyroid disord and allied cond
<a href="#">E02</a>	Subclinical iodine-deficiency hypothyroidism
<a href="#">E03.0</a>	Congenital hypothyroidism with diffuse goiter
<a href="#">E03.1</a>	Congenital hypothyroidism without goiter
<a href="#">E03.2</a>	Hypothyroidism due to meds and oth exogenous substances
<a href="#">E03.3</a>	Postinfectious hypothyroidism
<a href="#">E03.5</a>	Myxedema coma
<a href="#">E03.8</a>	Other specified hypothyroidism
<a href="#">E03.9</a>	Hypothyroidism, unspecified
<a href="#">E05.00</a>	Thyrotoxicosis w diffuse goiter w/o thyrotoxic crisis
<a href="#">E05.01</a>	Thyrotoxicosis w diffuse goiter w thyrotoxic crisis or storm
<a href="#">E05.10</a>	Thyrotxcosis w toxic sing thyroid nodule w/o thyrotxc crisis
<a href="#">E05.11</a>	Thyrotxcosis w toxic single thyroid nodule w thyrotxc crisis
<a href="#">E05.20</a>	Thyrotxcosis w toxic multinod goiter w/o thyrotoxic crisis

<a href="#">E05.21</a>	Thyrotxcosis w toxic multinodular goiter w thyrotoxic crisis
<a href="#">E05.30</a>	Thyrotxcosis from ectopic thyroid tissue w/o thyrotxc crisis
<a href="#">E05.31</a>	Thyrotxcosis from ectopic thyroid tissue w thyrotoxic crisis
<a href="#">E05.40</a>	Thyrotoxicosis factitia without thyrotoxic crisis or storm
<a href="#">E05.41</a>	Thyrotoxicosis factitia with thyrotoxic crisis or storm
<a href="#">E05.80</a>	Other thyrotoxicosis without thyrotoxic crisis or storm
<a href="#">E05.81</a>	Other thyrotoxicosis with thyrotoxic crisis or storm
<a href="#">E05.90</a>	Thyrotoxicosis, unsp without thyrotoxic crisis or storm
<a href="#">E05.91</a>	Thyrotoxicosis, unspecified with thyrotoxic crisis or storm
<a href="#">E06.0</a>	Acute thyroiditis
<a href="#">E06.1</a>	Subacute thyroiditis
<a href="#">E06.2</a>	Chronic thyroiditis with transient thyrotoxicosis
<a href="#">E06.3</a>	Autoimmune thyroiditis
<a href="#">E06.4</a>	Drug-induced thyroiditis
<a href="#">E06.5</a>	Other chronic thyroiditis
<a href="#">E06.9</a>	Thyroiditis, unspecified
<a href="#">E20.1</a>	Pseudohypoparathyroidism
<a href="#">E83.40</a>	Disorders of magnesium metabolism, unspecified
<a href="#">E83.41</a>	Hypermagnesemia
<a href="#">E83.42</a>	Hypomagnesemia
<a href="#">E83.49</a>	Other disorders of magnesium metabolism
<a href="#">E83.50</a>	Unspecified disorder of calcium metabolism
<a href="#">E83.51</a>	Hypocalcemia
<a href="#">E83.52</a>	Hypercalcemia
<a href="#">E83.59</a>	Other disorders of calcium metabolism
<a href="#">E83.81</a>	Hungry bone syndrome
<a href="#">E86.0</a>	Dehydration
<a href="#">E86.1</a>	Hypovolemia
<a href="#">E86.9</a>	Volume depletion, unspecified
<a href="#">E87.0</a>	Hyperosmolality and hypernatremia
<a href="#">E87.1</a>	Hypo-osmolality and hyponatremia
<a href="#">E87.2</a>	Acidosis
<a href="#">E87.3</a>	Alkalosis
<a href="#">E87.4</a>	Mixed disorder of acid-base balance
<a href="#">E87.5</a>	Hyperkalemia
<a href="#">E87.6</a>	Hypokalemia
<a href="#">E87.70</a>	Fluid overload, unspecified
<a href="#">E87.71</a>	Transfusion associated circulatory overload
<a href="#">E87.79</a>	Other fluid overload
<a href="#">E87.8</a>	Oth disorders of electrolyte and fluid balance, NEC
<a href="#">E89.0</a>	Postprocedural hypothyroidism
<a href="#">F05</a>	Delirium due to known physiological condition

<a href="#">F51.5</a>	Nightmare disorder
<a href="#">G44.1</a>	Vascular headache, not elsewhere classified
<a href="#">G44.40</a>	Drug-induced headache, NEC, not intractable
<a href="#">G44.41</a>	Drug-induced headache, not elsewhere classified, intractable
<a href="#">H53.16</a>	Psychophysical visual disturbances
<a href="#">H53.71</a>	Glare sensitivity
<a href="#">H53.72</a>	Impaired contrast sensitivity
<a href="#">H53.8</a>	Other visual disturbances
<a href="#">H53.9</a>	Unspecified visual disturbance
<a href="#">I08.1</a>	Rheumatic disorders of both mitral and tricuspid valves
<a href="#">I08.2</a>	Rheumatic disorders of both aortic and tricuspid valves
<a href="#">I08.3</a>	Comb rheumatic disord of mitral, aortic and tricuspid valves
<a href="#">I08.8</a>	Other rheumatic multiple valve diseases
<a href="#">I08.9</a>	Rheumatic multiple valve disease, unspecified
<a href="#">I09.0</a>	Rheumatic myocarditis
<a href="#">I09.1</a>	Rheumatic diseases of endocardium, valve unspecified
<a href="#">I09.81</a>	Rheumatic heart failure
<a href="#">I11.0</a>	Hypertensive heart disease with heart failure
<a href="#">I12.0</a>	Hyp chr kidney disease w stage 5 chr kidney disease or ESRD
<a href="#">I12.9</a>	Hypertensive chronic kidney disease w stg 1-4/unsp chr kdny
<a href="#">I13.0</a>	Hyp hrt & chr kdny dis w hrt fail and stg 1-4/unsp chr kdny
<a href="#">I13.10</a>	Hyp hrt & chr kdny dis w/o hrt fail, w stg 1-4/unsp chr kdny
<a href="#">I13.11</a>	Hyp hrt and chr kdny dis w/o hrt fail, w stg 5 chr kdny/ESRD
<a href="#">I13.2</a>	Hyp hrt & chr kdny dis w hrt fail and w stg 5 chr kdny/ESRD
<a href="#">I20.0</a>	Unstable angina
<a href="#">I20.1</a>	Angina pectoris with documented spasm
<a href="#">I20.8</a>	Other forms of angina pectoris
<a href="#">I20.9</a>	Angina pectoris, unspecified
<a href="#">I21.01</a>	STEMI involving left main coronary artery
<a href="#">I21.02</a>	STEMI involving left anterior descending coronary artery
<a href="#">I21.09</a>	STEMI involving oth coronary artery of anterior wall
<a href="#">I21.11</a>	STEMI involving right coronary artery
<a href="#">I21.19</a>	STEMI involving oth coronary artery of inferior wall
<a href="#">I21.21</a>	STEMI involving left circumflex coronary artery
<a href="#">I21.29</a>	STEMI involving oth sites
<a href="#">I21.3</a>	ST elevation (STEMI) myocardial infarction of unsp site
<a href="#">I21.4</a>	Non-ST elevation (NSTEMI) myocardial infarction
<a href="#">I22.0</a>	Subsequent STEMI of anterior wall
<a href="#">I22.1</a>	Subsequent STEMI of inferior wall
<a href="#">I22.2</a>	Subsequent non-ST elevation (NSTEMI) myocardial infarction
<a href="#">I22.8</a>	Subsequent STEMI of sites
<a href="#">I22.9</a>	Subsequent STEMI of unsp site

<a href="#">I23.1</a>	Atrial septal defect as current complication following AMI
<a href="#">I23.2</a>	Ventricular septal defect as current comp following AMI
<a href="#">I23.4</a>	Rupture of chord tendne as current comp following AMI
<a href="#">I23.5</a>	Rupture of papillary muscle as current comp following AMI
<a href="#">I24.0</a>	Acute coronary thrombosis not resulting in myocardial infrc
<a href="#">I24.1</a>	Dressler's syndrome
<a href="#">I24.8</a>	Other forms of acute ischemic heart disease
<a href="#">I24.9</a>	Acute ischemic heart disease, unspecified
<a href="#">I25.10</a>	Athscl heart disease of native coronary artery w/o ang pctrs
<a href="#">I25.110</a>	Athscl heart disease of native cor art w unstable ang pctrs
<a href="#">I25.111</a>	Athscl heart disease of native cor art w ang pctrs w spasm
<a href="#">I25.118</a>	Athscl heart disease of native cor art w oth ang pctrs
<a href="#">I25.119</a>	Athscl heart disease of native cor art w unsp ang pctrs
<a href="#">I25.700</a>	Atherosclerosis of CABG, unsp, w unstable angina pectoris
<a href="#">I25.701</a>	Athscl CABG, unsp, w angina pectoris w documented spasm
<a href="#">I25.708</a>	Atherosclerosis of CABG, unsp, w oth angina pectoris
<a href="#">I25.709</a>	Atherosclerosis of CABG, unsp, w unsp angina pectoris
<a href="#">I25.710</a>	Athscl autologous vein CABG w unstable angina pectoris
<a href="#">I25.711</a>	Athscl autologous vein CABG w ang pctrs w documented spasm
<a href="#">I25.718</a>	Athscl autologous vein CABG w oth angina pectoris
<a href="#">I25.719</a>	Athscl autologous vein CABG w unsp angina pectoris
<a href="#">I25.720</a>	Athscl autologous artery CABG w unstable angina pectoris
<a href="#">I25.721</a>	Athscl autologous artery CABG w ang pctrs w documented spasm
<a href="#">I25.728</a>	Athscl autologous artery CABG w oth angina pectoris
<a href="#">I25.729</a>	Athscl autologous artery CABG w unsp angina pectoris
<a href="#">I25.730</a>	Athscl nonautologous biological CABG w unstable ang pctrs
<a href="#">I25.731</a>	Athscl nonaut biological CABG w ang pctrs w documented spasm
<a href="#">I25.738</a>	Athscl nonautologous biological CABG w oth angina pectoris
<a href="#">I25.739</a>	Athscl nonautologous biological CABG w unsp angina pectoris
<a href="#">I25.750</a>	Athscl native cor art of txplt heart w unstable angina
<a href="#">I25.751</a>	Athscl native cor art of txplt heart w ang pctrs w spasm
<a href="#">I25.758</a>	Athscl native cor art of transplanted heart w oth ang pctrs
<a href="#">I25.759</a>	Athscl native cor art of transplanted heart w unsp ang pctrs
<a href="#">I25.760</a>	Athscl bypass of cor art of txplt heart w unstable angina
<a href="#">I25.761</a>	Athscl bypass of cor art of txplt heart w ang pctrs w spasm
<a href="#">I25.768</a>	Athscl bypass of cor art of txplt heart w oth ang pctrs
<a href="#">I25.769</a>	Athscl bypass of cor art of txplt heart w unsp ang pctrs
<a href="#">I25.790</a>	Atherosclerosis of CABG w unstable angina pectoris
<a href="#">I25.791</a>	Atherosclerosis of CABG w angina pectoris w documented spasm
<a href="#">I25.798</a>	Atherosclerosis of CABG w oth angina pectoris
<a href="#">I25.799</a>	Atherosclerosis of CABG w unsp angina pectoris
<a href="#">I25.84</a>	Coronary atherosclerosis due to calcified coronary lesion

<a href="#">I27.83</a>	Eisenmenger's syndrome
<a href="#">I40.0</a>	Infective myocarditis
<a href="#">I40.1</a>	Isolated myocarditis
<a href="#">I40.8</a>	Other acute myocarditis
<a href="#">I40.9</a>	Acute myocarditis, unspecified
<a href="#">I41</a>	Myocarditis in diseases classified elsewhere
<a href="#">I42.0</a>	Dilated cardiomyopathy
<a href="#">I42.1</a>	Obstructive hypertrophic cardiomyopathy
<a href="#">I42.2</a>	Other hypertrophic cardiomyopathy
<a href="#">I42.3</a>	Endomyocardial (eosinophilic) disease
<a href="#">I42.4</a>	Endocardial fibroelastosis
<a href="#">I42.5</a>	Other restrictive cardiomyopathy
<a href="#">I42.6</a>	Alcoholic cardiomyopathy
<a href="#">I42.7</a>	Cardiomyopathy due to drug and external agent
<a href="#">I42.8</a>	Other cardiomyopathies
<a href="#">I42.9</a>	Cardiomyopathy, unspecified
<a href="#">I43</a>	Cardiomyopathy in diseases classified elsewhere
<a href="#">I44.0</a>	Atrioventricular block, first degree
<a href="#">I44.1</a>	Atrioventricular block, second degree
<a href="#">I44.2</a>	Atrioventricular block, complete
<a href="#">I44.30</a>	Unspecified atrioventricular block
<a href="#">I44.39</a>	Other atrioventricular block
<a href="#">I44.4</a>	Left anterior fascicular block
<a href="#">I44.5</a>	Left posterior fascicular block
<a href="#">I44.60</a>	Unspecified fascicular block
<a href="#">I44.69</a>	Other fascicular block
<a href="#">I44.7</a>	Left bundle-branch block, unspecified
<a href="#">I45.0</a>	Right fascicular block
<a href="#">I45.10</a>	Unspecified right bundle-branch block
<a href="#">I45.19</a>	Other right bundle-branch block
<a href="#">I45.2</a>	Bifascicular block
<a href="#">I45.3</a>	Trifascicular block
<a href="#">I45.4</a>	Nonspecific intraventricular block
<a href="#">I45.5</a>	Other specified heart block
<a href="#">I45.6</a>	Pre-excitation syndrome
<a href="#">I45.81</a>	Long QT syndrome
<a href="#">I45.89</a>	Other specified conduction disorders
<a href="#">I45.9</a>	Conduction disorder, unspecified
<a href="#">I46.2</a>	Cardiac arrest due to underlying cardiac condition
<a href="#">I46.8</a>	Cardiac arrest due to other underlying condition
<a href="#">I46.9</a>	Cardiac arrest, cause unspecified
<a href="#">I47.0</a>	Re-entry ventricular arrhythmia

<a href="#">I47.1</a>	Supraventricular tachycardia
<a href="#">I47.2</a>	Ventricular tachycardia
<a href="#">I47.9</a>	Paroxysmal tachycardia, unspecified
<a href="#">I48.0</a>	Paroxysmal atrial fibrillation
<a href="#">I48.11</a>	Longstanding persistent atrial fibrillation
<a href="#">I48.19</a>	Other persistent atrial fibrillation
<a href="#">I48.20</a>	Chronic atrial fibrillation, unspecified
<a href="#">I48.21</a>	Permanent atrial fibrillation
<a href="#">I48.3</a>	Typical atrial flutter
<a href="#">I48.4</a>	Atypical atrial flutter
<a href="#">I48.91</a>	Unspecified atrial fibrillation
<a href="#">I48.92</a>	Unspecified atrial flutter
<a href="#">I49.01</a>	Ventricular fibrillation
<a href="#">I49.02</a>	Ventricular flutter
<a href="#">I49.1</a>	Atrial premature depolarization
<a href="#">I49.2</a>	Junctional premature depolarization
<a href="#">I49.3</a>	Ventricular premature depolarization
<a href="#">I49.40</a>	Unspecified premature depolarization
<a href="#">I49.49</a>	Other premature depolarization
<a href="#">I49.5</a>	Sick sinus syndrome
<a href="#">I49.8</a>	Other specified cardiac arrhythmias
<a href="#">I49.9</a>	Cardiac arrhythmia, unspecified
<a href="#">I50.1</a>	Left ventricular failure, unspecified
<a href="#">I50.20</a>	Unspecified systolic (congestive) heart failure
<a href="#">I50.21</a>	Acute systolic (congestive) heart failure
<a href="#">I50.22</a>	Chronic systolic (congestive) heart failure
<a href="#">I50.23</a>	Acute on chronic systolic (congestive) heart failure
<a href="#">I50.30</a>	Unspecified diastolic (congestive) heart failure
<a href="#">I50.31</a>	Acute diastolic (congestive) heart failure
<a href="#">I50.32</a>	Chronic diastolic (congestive) heart failure
<a href="#">I50.33</a>	Acute on chronic diastolic (congestive) heart failure
<a href="#">I50.40</a>	Unsp combined systolic and diastolic (congestive) hrt fail
<a href="#">I50.41</a>	Acute combined systolic and diastolic (congestive) hrt fail
<a href="#">I50.42</a>	Chronic combined systolic and diastolic hrt fail
<a href="#">I50.43</a>	Acute on chronic combined systolic and diastolic hrt fail
<a href="#">I50.814</a>	Right heart failure due to left heart failure
<a href="#">I50.82</a>	Biventricular heart failure
<a href="#">I50.84</a>	End stage heart failure
<a href="#">I50.89</a>	Other heart failure
<a href="#">I50.9</a>	Heart failure, unspecified
<a href="#">I51.0</a>	Cardiac septal defect, acquired
<a href="#">I51.1</a>	Rupture of chordae tendineae, not elsewhere classified

<a href="#">I51.2</a>	Rupture of papillary muscle, not elsewhere classified
<a href="#">I74.01</a>	Saddle embolus of abdominal aorta
<a href="#">I74.09</a>	Other arterial embolism and thrombosis of abdominal aorta
<a href="#">I74.10</a>	Embolism and thrombosis of unspecified parts of aorta
<a href="#">I74.19</a>	Embolism and thrombosis of other parts of aorta
<a href="#">I97.0</a>	Postcardiotomy syndrome
<a href="#">I97.110</a>	Postproc cardiac insufficiency following cardiac surgery
<a href="#">I97.111</a>	Postprocedural cardiac insufficiency following other surgery
<a href="#">I97.120</a>	Postprocedural cardiac arrest following cardiac surgery
<a href="#">I97.121</a>	Postprocedural cardiac arrest following other surgery
<a href="#">I97.130</a>	Postprocedural heart failure following cardiac surgery
<a href="#">I97.131</a>	Postprocedural heart failure following other surgery
<a href="#">I97.190</a>	Oth postproc cardiac functn disturb fol cardiac surgery
<a href="#">I97.191</a>	Oth postproc cardiac functn disturb following oth surgery
<a href="#">J81.1</a>	Chronic pulmonary edema
<a href="#">K52.21</a>	Food protein-induced enterocolitis syndrome
<a href="#">K52.22</a>	Food protein-induced enteropathy
<a href="#">K52.29</a>	Other allergic and dietetic gastroenteritis and colitis
<a href="#">K52.89</a>	Other specified noninfective gastroenteritis and colitis
<a href="#">K76.81</a>	Hepatopulmonary syndrome
<a href="#">K90.9</a>	Intestinal malabsorption, unspecified
<a href="#">N17.0</a>	Acute kidney failure with tubular necrosis
<a href="#">N17.1</a>	Acute kidney failure with acute cortical necrosis
<a href="#">N17.2</a>	Acute kidney failure with medullary necrosis
<a href="#">N17.8</a>	Other acute kidney failure
<a href="#">N17.9</a>	Acute kidney failure, unspecified
<a href="#">N18.1</a>	Chronic kidney disease, stage 1
<a href="#">N18.2</a>	Chronic kidney disease, stage 2 (mild)
<a href="#">N18.3</a>	Chronic kidney disease, stage 3 (moderate)
<a href="#">N18.4</a>	Chronic kidney disease, stage 4 (severe)
<a href="#">N18.5</a>	Chronic kidney disease, stage 5
<a href="#">N18.6</a>	End stage renal disease
<a href="#">N18.9</a>	Chronic kidney disease, unspecified
<a href="#">N19</a>	Unspecified kidney failure
<a href="#">N25.0</a>	Renal osteodystrophy
<a href="#">N25.1</a>	Nephrogenic diabetes insipidus
<a href="#">N25.81</a>	Secondary hyperparathyroidism of renal origin
<a href="#">N25.89</a>	Oth disorders resulting from impaired renal tubular function
<a href="#">N25.9</a>	Disorder rslt from impaired renal tubular function, unsp
<a href="#">N26.1</a>	Atrophy of kidney (terminal)
<a href="#">N26.9</a>	Renal sclerosis, unspecified
<a href="#">O30.132</a>	Triplet preg, trichorionic/triamniotic, second trimester



<a href="#">O30.133</a>	Triplet pregnancy, trichorionic/triamniotic, third trimester
<a href="#">O30.139</a>	Triplet pregnancy, trichorionic/triamniotic, unsp trimester
<a href="#">O30.231</a>	Quad preg, quadrachorionic/quadra-amniotic, first trimester
<a href="#">O30.232</a>	Quad preg, quadrachorionic/quadra-amniotic, second trimester
<a href="#">O30.233</a>	Quad preg, quadrachorionic/quadra-amniotic, third trimester
<a href="#">O30.239</a>	Quad preg, quadrachorionic/quadra-amniotic, unsp trimester
<a href="#">O30.831</a>	Oth mult gest, num chorions & amnions = num ftses, 1st tri
<a href="#">O30.832</a>	Oth mult gest, num chorions & amnions = num ftses, 2nd tri
<a href="#">O30.833</a>	Oth mult gest, num chorions & amnions = num ftses, 3rd tri
<a href="#">O30.839</a>	Oth mult gest, num chorions & amnions = num ftses, unsp tri
<a href="#">O36.8329</a>	Matern care for abnlt of fetl hrt rate or rhym, 2nd tri, oth
<a href="#">O36.8330</a>	Matern care for abnlt fetl hrt rate or rhym, 3rd tri, unsp
<a href="#">O36.8331</a>	Matern care for abnlt fetl hrt rate or rhym, 3rd tri, fts1
<a href="#">O36.8332</a>	Matern care for abnlt fetl hrt rate or rhym, 3rd tri, fts2
<a href="#">O36.8333</a>	Matern care for abnlt fetl hrt rate or rhym, 3rd tri, fts3
<a href="#">O36.8334</a>	Matern care for abnlt fetl hrt rate or rhym, 3rd tri, fts4
<a href="#">O36.8335</a>	Matern care for abnlt fetl hrt rate or rhym, 3rd tri, fts5
<a href="#">O36.8339</a>	Matern care for abnlt of fetl hrt rate or rhym, 3rd tri, oth
<a href="#">R00.1</a>	Bradycardia, unspecified
<a href="#">R11.0</a>	Nausea
<a href="#">R11.10</a>	Vomiting, unspecified
<a href="#">R11.11</a>	Vomiting without nausea
<a href="#">R11.12</a>	Projectile vomiting
<a href="#">R11.14</a>	Bilious vomiting
<a href="#">R11.15</a>	Cyclical vomiting syndrome unrelated to migraine
<a href="#">R11.2</a>	Nausea with vomiting, unspecified
<a href="#">R19.7</a>	Diarrhea, unspecified
<a href="#">R40.0</a>	Somnolence
<a href="#">R40.1</a>	Stupor
<a href="#">R40.20</a>	Unspecified coma
<a href="#">R40.2110</a>	Coma scale, eyes open, never, unspecified time
<a href="#">R40.2111</a>	Coma scale, eyes open, never, in the field
<a href="#">R40.2112</a>	Coma scale, eyes open, never, EMR
<a href="#">R40.2113</a>	Coma scale, eyes open, never, at hospital admission
<a href="#">R40.2114</a>	Coma scale, eyes open, never, 24+hrs
<a href="#">R40.2120</a>	Coma scale, eyes open, to pain, unspecified time
<a href="#">R40.2121</a>	Coma scale, eyes open, to pain, in the field
<a href="#">R40.2122</a>	Coma scale, eyes open, to pain, EMR
<a href="#">R40.2123</a>	Coma scale, eyes open, to pain, at hospital admission
<a href="#">R40.2124</a>	Coma scale, eyes open, to pain, 24+hrs
<a href="#">R40.2210</a>	Coma scale, best verbal response, none, unspecified time
<a href="#">R40.2211</a>	Coma scale, best verbal response, none, in the field

<a href="#">R40.2212</a>	Coma scale, best verbal response, none, EMR
<a href="#">R40.2213</a>	Coma scale, best verbal response, none, admit
<a href="#">R40.2214</a>	Coma scale, best verbal response, none, 24+hrs
<a href="#">R40.2220</a>	Coma scale, best verb, incomprehensible words, unsp time
<a href="#">R40.2221</a>	Coma scale, best verb, incomprehensible words, in the field
<a href="#">R40.2222</a>	Coma scale, best verb, incomprehensible words, EMR
<a href="#">R40.2223</a>	Coma scale, best verb, incomprehensible words, admit
<a href="#">R40.2224</a>	Coma scale, best verb, incomprehensible words, 24+hrs
<a href="#">R40.2310</a>	Coma scale, best motor response, none, unspecified time
<a href="#">R40.2311</a>	Coma scale, best motor response, none, in the field
<a href="#">R40.2312</a>	Coma scale, best motor response, none, EMR
<a href="#">R40.2313</a>	Coma scale, best motor response, none, at hospital admission
<a href="#">R40.2314</a>	Coma scale, best motor response, none, 24+hrs
<a href="#">R40.2320</a>	Coma scale, best motor response, extension, unspecified time
<a href="#">R40.2321</a>	Coma scale, best motor response, extension, in the field
<a href="#">R40.2322</a>	Coma scale, best motor response, extension, EMR
<a href="#">R40.2323</a>	Coma scale, best motor response, extension, admit
<a href="#">R40.2324</a>	Coma scale, best motor response, extension, 24+hrs
<a href="#">R40.2340</a>	Coma scale, best motor, flexion withdrawal, unsp time
<a href="#">R40.2341</a>	Coma scale, best motor, flexion withdrawal, in the field
<a href="#">R40.2342</a>	Coma scale, best motor response, flexion withdrawal, EMR
<a href="#">R40.2343</a>	Coma scale, best motor response, flexion withdrawal, admit
<a href="#">R40.2344</a>	Coma scale, best motor response, flexion withdrawal, 24+hrs
<a href="#">R40.4</a>	Transient alteration of awareness
<a href="#">R42</a>	Dizziness and giddiness
<a href="#">R44.0</a>	Auditory hallucinations
<a href="#">R44.1</a>	Visual hallucinations
<a href="#">R44.2</a>	Other hallucinations
<a href="#">R44.3</a>	Hallucinations, unspecified
<a href="#">R45.0</a>	Nervousness
<a href="#">R45.3</a>	Demoralization and apathy
<a href="#">R45.4</a>	Irritability and anger
<a href="#">R45.86</a>	Emotional lability
<a href="#">R45.87</a>	Impulsiveness
<a href="#">R45.89</a>	Other symptoms and signs involving emotional state
<a href="#">R48.3</a>	Visual agnosia
<a href="#">R51</a>	Headache
<a href="#">R53.1</a>	Weakness
<a href="#">R53.2</a>	Functional quadriplegia
<a href="#">R53.81</a>	Other malaise
<a href="#">R53.82</a>	Chronic fatigue, unspecified
<a href="#">R53.83</a>	Other fatigue

<a href="#">R55</a>	Syncope and collapse
<a href="#">R63.0</a>	Anorexia
<a href="#">R94.31</a>	Abnormal electrocardiogram [ECG] [EKG]
<a href="#">T46.0X1A</a>	Poisoning by cardi-stim glycos/drug similar act, acc, init
<a href="#">T46.0X2A</a>	Poison by cardi-stim glycos/drug similar act, self-harm, init
<a href="#">T46.0X3A</a>	Poison by cardi-stim glycos/drug similar act, assault, init
<a href="#">T46.0X4A</a>	Poisoning by cardi-stim glycos/drug similar act, undet, init
<a href="#">T46.0X5A</a>	Adverse effect of cardi-stim glycos/drug similar act, init
<a href="#">T46.0X5S</a>	Adverse effect of cardi-stim glycos/drug similar act, sequela
<a href="#">T46.1X5A</a>	Adverse effect of calcium-channel blockers, init encntr
<a href="#">T46.2X1A</a>	Poisoning by oth antidysrhythmic drugs, accidental, init
<a href="#">T46.2X2A</a>	Poisoning by oth antidysrhythmic drugs, self-harm, init
<a href="#">T46.2X3A</a>	Poisoning by oth antidysrhythmic drugs, assault, init encntr
<a href="#">T46.2X4A</a>	Poisoning by oth antidysrhythmic drugs, undetermined, init
<a href="#">T46.2X5A</a>	Adverse effect of other antidysrhythmic drugs, init encntr
<a href="#">T50.905A</a>	Adverse effect of unsp drug/meds/biol subst, init
<a href="#">T50.995A</a>	Adverse effect of drug/meds/biol subst, init
<a href="#">T78.41XA</a>	Arthus phenomenon, initial encounter
<a href="#">T88.52XA</a>	Failed moderate sedation during procedure, initial encounter
<a href="#">Z79.84</a>	Long term (current) use of oral hypoglycemic drugs
<a href="#">Z79.899</a>	Other long term (current) drug therapy