ICD-10 CODING BOOKLET

Your resource to ICD-10 diagnosis coding for patients with established cardiovascular disease (CVD) or familial hypercholesterolemia (FH) who require additional lowering of LDL-C



Indications

Prevention of Cardiovascular Events: In adults with established cardiovascular disease, Repatha[®] is indicated to reduce the risk of myocardial infarction, stroke, and coronary revascularization.

Primary Hyperlipidemia (including Heterozygous Familial Hypercholesterolemia): Repatha[®] is indicated as an adjunct to diet, alone or in combination with other lipid-lowering therapies (e.g., statins, ezetimibe), for the treatment of adults with primary hyperlipidemia to reduce low-density lipoprotein cholesterol (LDL-C).

Homozygous Familial Hypercholesterolemia: Repatha[®] is indicated as an adjunct to diet and other LDL-lowering therapies (e.g., statins, ezetimibe, LDL apheresis) for the treatment of patients with homozygous familial hypercholesterolemia (HoFH) who require additional lowering of LDL-C.

The safety and effectiveness of Repatha[®] have not been established in pediatric patients with HoFH who are younger than 13 years old or in pediatric patients with primary hyperlipidemia or HeFH.

Important Safety Information

Contraindication: Repatha[®] is contraindicated in patients with a history of a serious hypersensitivity reaction to Repatha[®]. Serious hypersensitivity reactions including angioedema have occurred in patients treated with Repatha[®].





Hyperlipidemia and Ischemic Heart Disease



Primary ICD-10 Codes

Disorders of lipoprotein metabolism and other lipidemias

- E78.00 Pure hypercholesterolemia, unspecified
- E78.01 Familial hypercholesterolemia
- E78.2 Mixed hyperlipidemia
- E78.4 Other hyperlipidemia
- E78.5 Hyperlipidemia, unspecified

Secondary ICD-10 Codes

Atherosclerosis and atherosclerotic heart disease

- **I25.10** Atherosclerotic heart disease of native coronary artery without angina pectoris
- **I25.110** Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
- **I25.111** Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
- **I25.118** Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
- **I25.119** Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
- **I25.700** Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris
- **I25.701** Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm

- **I25.708** Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris
- **I25.709** Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris
- **I25.710** Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris
- **I25.711** Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm
- **I25.718** Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris
- **I25.719** Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris
- **I25.720** Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris
- **125.721** Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm
- **I25.728** Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris
- **I25.729** Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris
- **125.730** Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris
- I25.731 Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm
- **I25.738** Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris
- **I25.739** Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris
- **I25.750** Atherosclerosis of native coronary artery of transplanted heart with unstable angina
- **I25.751** Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm

Important Safety Information

Allergic Reactions: Hypersensitivity reactions (e.g. angioedema, rash, urticaria) have been reported in patients treated with Repatha[®], including some that led to discontinuation of therapy. If signs or symptoms of serious allergic reactions occur, discontinue treatment with Repatha[®], treat according to the standard of care, and monitor until signs and symptoms resolve.



Ischemic Heart Disease (cont'd)

- **I25.758** Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris
- **I25.759** Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris
- **I25.760** Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina
- **I25.761** Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm
- **125.768** Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris
- **125.769** Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris
- **I25.790** Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris
- **I25.791** Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm
- **I25.798** Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris
- **I25.799** Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris
- **I25.810** Atherosclerosis of coronary artery bypass graft(s) without angina pectoris
- **I25.811** Atherosclerosis of native coronary artery of transplanted heart without angina pectoris
- **I25.812** Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris

Ischemic heart disease (other)

- **I20.8** Other forms of angina pectoris
- **I20.9** Angina pectoris, unspecified
- I23.7 Postinfarction angina
- **124.0** Acute coronary thrombosis not resulting in myocardial infarction
- **124.8** Other forms of acute ischemic heart disease
- **I25.2** Old myocardial infarction
- I25.3 Aneurysm of heart
- 125.41 Coronary artery aneurysm
- 125.42 Coronary artery dissection
- **I25.5** Ischemic cardiomyopathy
- I25.6 Silent myocardial ischemia
- **I25.82** Chronic total occlusion of coronary artery
- 125.83 Coronary atherosclerosis due to lipid rich plaque
- **125.84** Coronary atherosclerosis due to calcified coronary lesion
- 125.89 Other forms of chronic ischemic heart disease
- 125.9 Chronic ischemic heart disease, unspecified

Important Safety Information

Adverse Reactions in Primary Hyperlipidemia (including HeFH): The most common adverse reactions (>5% of patients treated with Repatha[®] and occurring more frequently than placebo) were: nasopharyngitis, upper respiratory tract infection, influenza, back pain, and injection site reactions.

Ischemic Heart Disease *(cont'd)* and Cerebrovascular Diseases



ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction

- **I21.01** ST elevation (STEMI) myocardial infarction involving left main coronary artery
- **121.02** ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
- **121.09** ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
- **I21.11** ST elevation (STEMI) myocardial infarction involving right coronary artery
- **121.19** ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
- **I21.21** ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
- **I21.29** ST elevation (STEMI) myocardial infarction involving other sites
- **I21.3** ST elevation (STEMI) myocardial infarction of unspecified site
- I21.4 Non-ST elevation (NSTEMI) myocardial infarction
- **I22.0** Subsequent ST elevation (STEMI) myocardial infarction of anterior wall
- **I22.1** Subsequent ST elevation (STEMI) myocardial infarction of inferior wall
- I22.2 Subsequent non-ST elevation (NSTEMI) myocardial infarction
- **122.8** Subsequent ST elevation (STEMI) myocardial infarction of other sites
- **I22.9** Subsequent ST elevation (STEMI) myocardial infarction of unspecified site

Presence of cardiac and vascular implants and grafts and other postprocedural states

- **Z95.1** Presence of aortocoronary bypass graft
- **Z95.5** Presence of coronary angioplasty implant and graft
- **Z98.61** Coronary angioplasty status

Occlusion and stenosis of precerebral and cerebral arteries, not resulting in cerebral infarction

- **I65.01** Occlusion and stenosis of right vertebral artery
- **I65.02** Occlusion and stenosis of left vertebral artery
- **I65.03** Occlusion and stenosis of bilateral vertebral arteries
- **I65.09** Occlusion and stenosis of unspecified vertebral artery
- **I65.1** Occlusion and stenosis of basilar artery
- 165.21 Occlusion and stenosis of right carotid artery
- **I65.22** Occlusion and stenosis of left carotid artery
- **I65.23** Occlusion and stenosis of bilateral carotid arteries
- **I65.29** Occlusion and stenosis of unspecified carotid artery
- **I65.8** Occlusion and stenosis of other precerebral arteries
- **I65.9** Occlusion and stenosis of unspecified precerebral artery
- **I66.01** Occlusion and stenosis of right middle cerebral artery
- **I66.02** Occlusion and stenosis of left middle cerebral artery
- **I66.03** Occlusion and stenosis of bilateral middle cerebral arteries
- **I66.09** Occlusion and stenosis of unspecified middle cerebral artery
- **I66.11** Occlusion and stenosis of right anterior cerebral artery
- **I66.12** Occlusion and stenosis of left anterior cerebral artery

Important Safety Information

From a pool of the 52-week trial and seven 12-week trials: Local injection site reactions occurred in 3.2% and 3.0% of Repatha®treated and placebo-treated patients, respectively. The most common injection site reactions were erythema, pain, and bruising.



Cerebrovascular Diseases (cont'd)

- **I66.13** Occlusion and stenosis of bilateral anterior cerebral arteries
- **I66.19** Occlusion and stenosis of unspecified anterior cerebral artery
- I66.21 Occlusion and stenosis of right posterior cerebral artery
- **I66.22** Occlusion and stenosis of left posterior cerebral artery
- **I66.23** Occlusion and stenosis of bilateral posterior cerebral arteries
- **I66.29** Occlusion and stenosis of unspecified posterior cerebral artery
- **I66.3** Occlusion and stenosis of cerebellar arteries
- I66.8 Occlusion and stenosis of other cerebral arteries
- **I66.9** Occlusion and stenosis of unspecified cerebral artery

Cerebrovascular diseases (other)

- **I67.2** Cerebral atherosclerosis
- **I67.5** Moyamoya disease
- 167.81 Acute cerebrovascular insufficiency
- **I67.82** Cerebral ischemia
- 167.89 Other cerebrovascular disease
- 167.9 Cerebrovascular disease, unspecified
- **I68.0** Cerebral amyloid angiopathy
- **I68.8** Other cerebrovascular disorders in diseases classified elsewhere

Cerebral infarction

- **I63.00** Cerebral infarction due to thrombosis of unspecified precerebral artery
- **I63.011** Cerebral infarction due to thrombosis of right vertebral artery
- **I63.012** Cerebral infarction due to thrombosis of left vertebral artery
- **I63.019** Cerebral infarction due to thrombosis of unspecified vertebral artery
- **I63.02** Cerebral infarction due to thrombosis of basilar artery
- 163.031 Cerebral infarction due to thrombosis of right carotid artery
- 163.032 Cerebral infarction due to thrombosis of left carotid artery
- **I63.039** Cerebral infarction due to thrombosis of unspecified carotid artery
- **163.09** Cerebral infarction due to thrombosis of other precerebral artery
- **163.20** Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries
- **I63.211** Cerebral infarction due to unspecified occlusion or stenosis of right vertebral arteries
- **I63.212** Cerebral infarction due to unspecified occlusion or stenosis of left vertebral arteries
- **I63.219** Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral arteries

Important Safety Information

Allergic reactions occurred in 5.1% and 4.7% of Repatha[®]-treated and placebo-treated patients, respectively. The most common allergic reactions were rash (1.0% versus 0.5% for Repatha[®] and placebo, respectively), eczema (0.4% versus 0.2%), erythema (0.4% versus 0.2%), and urticaria (0.4% versus 0.1%).

Cerebrovascular Diseases (cont'd)



Cerebral infarction (cont'd)

- **I63.22** Cerebral infarction due to unspecified occlusion or stenosis of basilar arteries
- **I63.231** Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries
- **I63.232** Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries
- **I63.239** Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid arteries
- **I63.29** Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries
- **I63.30** Cerebral infarction due to thrombosis of unspecified cerebral artery
- **I63.311** Cerebral infarction due to thrombosis of right middle cerebral artery
- **I63.312** Cerebral infarction due to thrombosis of left middle cerebral artery
- **I63.319** Cerebral infarction due to thrombosis of unspecified middle cerebral artery
- **I63.321** Cerebral infarction due to thrombosis of right anterior cerebral artery
- **I63.322** Cerebral infarction due to thrombosis of left anterior cerebral artery
- **I63.329** Cerebral infarction due to thrombosis of unspecified anterior cerebral artery
- **I63.331** Cerebral infarction due to thrombosis of right posterior cerebral artery
- **I63.332** Cerebral infarction due to thrombosis of left posterior cerebral artery
- **I63.339** Cerebral infarction due to thrombosis of unspecified posterior cerebral artery

- **I63.341** Cerebral infarction due to thrombosis of right cerebellar artery
- **I63.342** Cerebral infarction due to thrombosis of left cerebellar artery
- **I63.349** Cerebral infarction due to thrombosis of unspecified cerebellar artery
- **163.39** Cerebral infarction due to thrombosis of other cerebral artery
- **I63.50** Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery
- **I63.511** Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery
- **I63.512** Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery
- **I63.519** Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery
- **I63.521** Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery
- **I63.522** Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery
- **I63.529** Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery
- **I63.531** Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery
- **I63.532** Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery
- **I63.539** Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery
- **I63.541** Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery
- **I63.542** Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery

Important Safety Information

Adverse Reactions in the Cardiovascular Outcomes Trial: The most common adverse reactions (>5% of patients treated with Repatha® and occurring more frequently than placebo) were: diabetes mellitus (8.8% Repatha®, 8.2% placebo), nasopharyngitis (7.8% Repatha®, 7.4% placebo), and upper respiratory tract infection (5.1% Repatha®, 4.8% placebo).

Cerebrovascular Diseases *(cont'd)* and Diseases of Arteries, Arterioles, and Capillaries



- **I63.549** Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery
- **I63.59** Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery
- **I63.8** Other cerebral infarction
- 163.9 Cerebral infarction, unspecified

Transient cerebral ischemic attack

- **Z86.73** Personal history of transient ischemic attack (TIA), and cerebral infarction without residual deficits
- **G45.8** Other transient cerebral ischemic attacks and related syndromes
- G45.9 Transient cerebral ischemic attack, unspecified

History of transient ischemic attack (TIA) or cerebral infarction without residuals

Z86.73 Personal history of transient ischemic attack (TIA), and cerebral infarction without residual deficits

Vascular syndromes of brain in cerebrovascular diseases

- G46.0 Middle cerebral artery syndrome
- G46.1 Anterior cerebral artery syndrome

- **G46.2** Posterior cerebral artery syndrome
- **G46.3** Brain stem stroke syndrome
- G46.4 Cerebellar stroke syndrome
- **G46.5** Pure motor lacunar syndrome
- G46.6 Pure sensory lacunar syndrome
- G46.7 Other lacunar syndromes
- **G46.8** Other vascular syndromes of brain in cerebrovascular diseases

Atherosclerosis

- 170.0 Atherosclerosis of aorta
- **I70.1** Atherosclerosis of renal artery
- **170.201** Unspecified atherosclerosis of native arteries of extremities, right leg
- **170.202** Unspecified atherosclerosis of native arteries of extremities, left leg
- **170.203** Unspecified atherosclerosis of native arteries of extremities, bilateral legs
- **170.208** Unspecified atherosclerosis of native arteries of extremities, other extremity
- **170.209** Unspecified atherosclerosis of native arteries of extremities, unspecified extremity
- **I70.211** Atherosclerosis of native arteries of extremities with intermittent claudication, right leg
- **170.212** Atherosclerosis of native arteries of extremities with intermittent claudication, left leg

Important Safety Information

Adverse Reactions in the Cardiovascular Outcomes Trial: Among the 16,676 patients without diabetes mellitus at baseline, the incidence of new-onset diabetes mellitus during the trial was 8.1% in patients assigned to Repatha[®] compared with 7.7% in those assigned to placebo.



Atherosclerosis (cont'd)

- **I70.213** Atherosclerosis of native arteries of extremities with intermittent claudication, bilateral legs
- **I70.218** Atherosclerosis of native arteries of extremities with intermittent claudication, other extremity
- **I70.219** Atherosclerosis of native arteries of extremities with intermittent claudication, unspecified extremity
- **I70.221** Atherosclerosis of native arteries of extremities with rest pain, right leg
- **I70.222** Atherosclerosis of native arteries of extremities with rest pain, left leg
- **I70.223** Atherosclerosis of native arteries of extremities with rest pain, bilateral legs
- **I70.228** Atherosclerosis of native arteries of extremities with rest pain, other extremity
- **170.229** Atherosclerosis of native arteries of extremities with rest pain, unspecified extremity
- **I70.231** Atherosclerosis of native arteries of right leg with ulceration of thigh
- **I70.232** Atherosclerosis of native arteries of right leg with ulceration of calf
- **I70.233** Atherosclerosis of native arteries of right leg with ulceration of ankle
- **I70.234** Atherosclerosis of native arteries of right leg with ulceration of heel and midfoot
- **I70.235** Atherosclerosis of native arteries of right leg with ulceration of other part of foot
- **170.238** Atherosclerosis of native arteries of right leg with ulceration of other part of lower right leg
- **170.239** Atherosclerosis of native arteries of right leg with ulceration of unspecified site

- **I70.241** Atherosclerosis of native arteries of left leg with ulceration of thigh
- **170.242** Atherosclerosis of native arteries of left leg with ulceration of calf
- **170.243** Atherosclerosis of native arteries of left leg with ulceration of ankle
- **170.244** Atherosclerosis of native arteries of left leg with ulceration of heel and midfoot
- **170.245** Atherosclerosis of native arteries of left leg with ulceration of other part of foot
- **170.248** Atherosclerosis of native arteries of left leg with ulceration of other part of lower left leg
- **170.249** Atherosclerosis of native arteries of left leg with ulceration of unspecified site
- **170.25** Atherosclerosis of native arteries of other extremities with ulceration
- **170.261** Atherosclerosis of native arteries of extremities with gangrene, right leg
- **170.262** Atherosclerosis of native arteries of extremities with gangrene, left leg
- **170.263** Atherosclerosis of native arteries of extremities with gangrene, bilateral legs
- **170.268** Atherosclerosis of native arteries of extremities with gangrene, other extremity
- **170.269** Atherosclerosis of native arteries of extremities with gangrene, unspecified extremity
- **I70.291** Other atherosclerosis of native arteries of extremities, right leg
- **170.292** Other atherosclerosis of native arteries of extremities, left leg
- **170.293** Other atherosclerosis of native arteries of extremities, bilateral legs
- **170.298** Other atherosclerosis of native arteries of extremities, other extremity

Important Safety Information

Adverse Reactions in Homozygous Familial Hypercholesterolemia (HoFH): The adverse reactions that occurred in at least two patients treated with Repatha[®] and more frequently than placebo were: upper respiratory tract infection, influenza, gastroenteritis, and nasopharyngitis.



- **I70.299** Other atherosclerosis of native arteries of extremities, unspecified extremity
- **170.301** Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, right leg
- **170.302** Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, left leg
- **170.303** Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, bilateral legs
- **170.308** Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, other extremity
- **170.309** Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, unspecified extremity
- **170.311** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, right leg
- **170.312** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, left leg
- **I70.313** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, bilateral legs
- **I70.318** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, other extremity
- I70.319 Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, unspecified extremity
- **I70.321** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, right leg
- **I70.322** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, left leg
- **170.323** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, bilateral legs

- **I70.328** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, other extremity
- **170.329** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, unspecified extremity
- **170.331** Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of thigh
- **170.332** Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of calf
- **170.333** Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of ankle
- **170.334** Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of heel and midfoot
- **170.335** Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of other part of foot
- **170.338** Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of other part of lower leg
- **170.339** Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of unspecified site
- **170.341** Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of thigh
- **170.342** Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of calf
- **170.343** Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of ankle
- **170.344** Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of heel and midfoot
- **170.345** Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of other part of foot

Important Safety Information

Immunogenicity: Repatha[®] is a human monoclonal antibody. As with all therapeutic proteins, there is potential for immunogenicity with Repatha[®].



Atherosclerosis (cont'd)

- **170.348** Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of other part of lower leg
- **170.349** Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of unspecified site
- **170.35** Atherosclerosis of unspecified type of bypass graft(s) of other extremity with ulceration
- **I70.361** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, right leg
- **170.362** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, left leg
- **170.363** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, bilateral legs
- **170.368** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, other extremity
- **170.369** Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, unspecified extremity
- **170.391** Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, right leg
- **I70.392** Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, left leg
- **I70.393** Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, bilateral legs
- **I70.398** Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, other extremity
- **I70.399** Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, unspecified extremity
- **I70.401** Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, right leg
- **170.402** Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, left leg
- **170.403** Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, bilateral legs

- **170.408** Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, other extremity
- **170.409** Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, unspecified extremity
- **170.411** Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, right leg
- **170.412** Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, left leg
- **I70.413** Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, bilateral legs
- **I70.418** Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, other extremity
- **I70.419** Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, unspecified extremity
- **170.421** Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, right leg
- **170.422** Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, left leg
- **170.423** Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, bilateral legs
- **170.428** Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, other extremity
- **170.429** Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, unspecified extremity
- **I70.431** Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of thigh
- **170.432** Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of calf
- **170.433** Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of ankle
- **170.434** Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of heel and midfoot

Important Safety Information

Contraindication: Repatha[®] is contraindicated in patients with a history of a serious hypersensitivity reaction to Repatha[®]. Serious hypersensitivity reactions including angioedema have occurred in patients treated with Repatha[®].



- **170.435** Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of other part of foot
- **170.438** Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of other part of lower leg
- **170.439** Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of unspecified site
- **I70.441** Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of thigh
- **I70.442** Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of calf
- **170.443** Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of ankle
- **170.444** Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of heel and midfoot
- **170.445** Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of other part of foot
- **170.448** Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of other part of lower leg
- **170.449** Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of unspecified site
- **170.45** Atherosclerosis of autologous vein bypass graft(s) of other extremity with ulceration
- **170.461** Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, right leg

- **170.462** Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, left leg
- **170.463** Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, bilateral legs
- **170.468** Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, other extremity
- **170.469** Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, unspecified extremity
- **I70.491** Other atherosclerosis of autologous vein bypass graft(s) of the extremities, right leg
- **170.492** Other atherosclerosis of autologous vein bypass graft(s) of the extremities, left leg
- **170.493** Other atherosclerosis of autologous vein bypass graft(s) of the extremities, bilateral legs
- **170.498** Other atherosclerosis of autologous vein bypass graft(s) of the extremities, other extremity
- **170.499** Other atherosclerosis of autologous vein bypass graft(s) of the extremities, unspecified extremity
- **170.501** Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, right leg
- **170.502** Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, left leg
- **170.503** Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, bilateral legs

Important Safety Information

Allergic Reactions: Hypersensitivity reactions (e.g. angioedema, rash, urticaria) have been reported in patients treated with Repatha®, including some that led to discontinuation of therapy. If signs or symptoms of serious allergic reactions occur, discontinue treatment with Repatha®, treat according to the standard of care, and monitor until signs and symptoms resolve.



Atherosclerosis (cont'd)

- **170.508** Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, other extremity
- **170.509** Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, unspecified extremity
- **I70.511** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, right leg
- 170.512 Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, left leg
- **I70.513** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, bilateral legs
- **I70.518** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, other extremity
- **I70.519** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, unspecified extremity
- **170.521** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, right leg
- **I70.522** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, left leg
- **170.523** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, bilateral legs
- **170.528** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, other extremity
- **170.529** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, unspecified extremity
- **I70.531** Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of thigh
- **170.532** Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of calf

- **170.533** Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of ankle
- **170.534** Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of heel and midfoot
- **170.535** Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of other part of foot
- **170.538** Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of other part of lower leg
- **170.539** Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of unspecified site
- **170.541** Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of thigh
- **I70.542** Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of calf
- **170.543** Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of ankle
- **170.544** Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of heel and midfoot
- **170.545** Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of other part of foot
- **170.548** Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of other part of lower leg
- **170.549** Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of unspecified site
- **170.55** Atherosclerosis of nonautologous biological bypass graft(s) of other extremity with ulceration
- **I70.561** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, right leg
- **170.562** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, left leg
- **170.563** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, bilateral legs

Important Safety Information

Adverse Reactions in Primary Hyperlipidemia (including HeFH): The most common adverse reactions (>5% of patients treated with Repatha[®] and occurring more frequently than placebo) were: nasopharyngitis, upper respiratory tract infection, influenza, back pain, and injection site reactions.



- **170.568** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, other extremity
- **170.569** Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, unspecified extremity
- **170.591** Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, right leg
- **170.592** Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, left leg
- **170.593** Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, bilateral legs
- **170.598** Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, other extremity
- **170.599** Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, unspecified extremity
- **I70.601** Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, right leg
- **170.602** Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, left leg
- **170.603** Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, bilateral legs
- **170.608** Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, other extremity
- **170.609** Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, unspecified extremity
- **170.611** Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, right leg

- **170.612** Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, left leg
- **170.613** Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, bilateral legs
- **I70.618** Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, other extremity
- **I70.619** Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, unspecified extremity
- **170.621** Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, right leg
- **170.622** Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, left leg
- **170.623** Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, bilateral legs
- **170.628** Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, other extremity
- **170.629** Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, unspecified extremity
- **170.631** Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of thigh
- **170.632** Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of calf
- **170.633** Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of ankle

Important Safety Information

From a pool of the 52-week trial and seven 12-week trials: Local injection site reactions occurred in 3.2% and 3.0% of Repatha®treated and placebo-treated patients, respectively. The most common injection site reactions were erythema, pain, and bruising.



Atherosclerosis (cont'd)

- **170.634** Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of heel and midfoot
- **170.635** Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of other part of foot
- **170.638** Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of other part of lower leg
- **170.639** Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of unspecified site
- **170.641** Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of thigh
- **I70.642** Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of calf
- **I70.643** Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of ankle
- **170.644** Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of heel and midfoot
- **170.645** Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of other part of foot
- **170.648** Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of other part of lower leg
- **170.649** Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of unspecified site
- **170.65** Atherosclerosis of nonbiological bypass graft(s) of other extremity with ulceration
- **170.661** Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, right leg
- **170.662** Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, left leg
- **170.663** Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, bilateral legs

- **170.668** Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, other extremity
- **170.669** Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, unspecified extremity
- **170.691** Other atherosclerosis of nonbiological bypass graft(s) of the extremities, right leg
- **170.692** Other atherosclerosis of nonbiological bypass graft(s) of the extremities, left leg
- **170.693** Other atherosclerosis of nonbiological bypass graft(s) of the extremities, bilateral legs
- **170.698** Other atherosclerosis of nonbiological bypass graft(s) of the extremities, other extremity
- **170.699** Other atherosclerosis of nonbiological bypass graft(s) of the extremities, unspecified extremity
- **I70.701** Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, right leg
- **I70.702** Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, left leg
- **I70.703** Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, bilateral legs
- **170.708** Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, other extremity
- **170.709** Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, unspecified extremity
- **170.711** Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, right leg
- **I70.712** Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, left leg
- **170.713** Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, bilateral legs
- **170.718** Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, other extremity

Important Safety Information

Allergic reactions occurred in 5.1% and 4.7% of Repatha[®]-treated and placebo-treated patients, respectively. The most common allergic reactions were rash (1.0% versus 0.5% for Repatha[®] and placebo, respectively), eczema (0.4% versus 0.2%), erythema (0.4% versus 0.2%), and urticaria (0.4% versus 0.1%).



- **I70.719** Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, unspecified extremity
- **I70.721** Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, right leg
- **170.722** Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, left leg
- **170.723** Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, bilateral legs
- **170.728** Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, other extremity
- **170.729** Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, unspecified extremity
- **170.731** Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of thigh
- **I70.732** Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of calf
- **I70.733** Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of ankle
- **170.734** Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of heel and midfoot
- **170.735** Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of other part of foot
- **170.738** Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of other part of lower leg

- **170.739** Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of unspecified site
- **170.741** Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of thigh
- **170.742** Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of calf
- **170.743** Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of ankle
- **170.744** Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of heel and midfoot
- **170.745** Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of other part of foot
- **170.748** Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of other part of lower leg
- **170.749** Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of unspecified site
- **170.75** Atherosclerosis of other type of bypass graft(s) of other extremity with ulceration
- **I70.761** Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, right leg
- **170.762** Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, left leg
- **170.763** Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, bilateral legs
- **170.768** Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, other extremity

Important Safety Information

Adverse Reactions in the Cardiovascular Outcomes Trial: The most common adverse reactions (>5% of patients treated with Repatha® and occurring more frequently than placebo) were: diabetes mellitus (8.8% Repatha®, 8.2% placebo), nasopharyngitis (7.8% Repatha®, 7.4% placebo), and upper respiratory tract infection (5.1% Repatha®, 4.8% placebo).



Atherosclerosis (cont'd)

- **170.769** Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, unspecified extremity
- **170.791** Other atherosclerosis of other type of bypass graft(s) of the extremities, right leg
- **170.792** Other atherosclerosis of other type of bypass graft(s) of the extremities, left leg
- **170.793** Other atherosclerosis of other type of bypass graft(s) of the extremities, bilateral legs
- **170.798** Other atherosclerosis of other type of bypass graft(s) of the extremities, other extremity
- **170.799** Other atherosclerosis of other type of bypass graft(s) of the extremities, unspecified extremity
- **I70.8** Atherosclerosis of other arteries
- 170.90 Unspecified atherosclerosis
- I70.91 Generalized atherosclerosis
- 170.92 Chronic total occlusion of artery of the extremities

Diseases of arteries, arterioles, and capillaries (other)

173.9 Peripheral vascular disease, unspecified

Family History

Z83.42 Family history of familial hypercholesterolemia

Peripheral vascular angioplasty

- **Z95.820** Peripheral vascular angioplasty status with implants and grafts
- **Z98.62** Peripheral vascular angioplasty status

Other lipid storage disorders

E75.5 Other lipid storage disorders*

* Other lipid storage disorders include tendon xanthoma.

Important Safety Information

Adverse Reactions in the Cardiovascular Outcomes Trial: Among the 16,676 patients without diabetes mellitus at baseline, the incidence of new-onset diabetes mellitus during the trial was 8.1% in patients assigned to Repatha® compared with 7.7% in those assigned to placebo.



Important Safety Information:

- **Contraindication:** Repatha[®] is contraindicated in patients with a history of a serious hypersensitivity reaction to Repatha[®]. Serious hypersensitivity reactions including angioedema have occurred in patients treated with Repatha[®].
- Allergic Reactions: Hypersensitivity reactions (e.g. angioedema, rash, urticaria) have been reported in patients treated with Repatha[®], including some that led to discontinuation of therapy. If signs or symptoms of serious allergic reactions occur, discontinue treatment with Repatha[®], treat according to the standard of care, and monitor until signs and symptoms resolve.
- Adverse Reactions in Primary Hyperlipidemia (including HeFH): The most common adverse reactions (>5% of patients treated with Repatha[®] and occurring more frequently than placebo) were: nasopharyngitis, upper respiratory tract infection, influenza, back pain, and injection site reactions.

From a pool of the 52-week trial and seven 12-week trials: Local injection site reactions occurred in 3.2% and 3.0% of Repatha[®]-treated and placebo-treated patients, respectively. The most common injection site reactions were erythema, pain, and bruising.

Allergic reactions occurred in 5.1% and 4.7% of Repatha[®]-treated and placebo-treated patients, respectively. The most common allergic reactions were rash (1.0% versus 0.5% for Repatha[®] and placebo, respectively), eczema (0.4% versus 0.2%), erythema (0.4% versus 0.2%), and urticaria (0.4% versus 0.1%).

• Adverse Reactions in the Cardiovascular Outcomes Trial: The most common adverse reactions (>5 of patients treated with Repatha® and occurring more frequently than placebo) were: diabetes mellitus (8.8% Repatha®, 8.2% placebo), nasopharyngitis (7.8% Repatha®, 7.4% placebo), and upper respiratory tract infection (5.1% Repatha®, 4.8% placebo).

Among the 16,676 patients without diabetes mellitus at baseline, the incidence of new-onset diabetes mellitus during the trial was 8.1% in patients assigned to Repatha[®] compared with 7.7% in those assigned to placebo.

- Adverse Reactions in Homozygous Familial Hypercholesterolemia (HoFH): The adverse reactions that occurred in at least two patients treated with Repatha[®] and more frequently than placebo were: upper respiratory tract infection, influenza, gastroenteritis, and nasopharyngitis.
- Immunogenicity: Repatha[®] is a human monoclonal antibody. As with all therapeutic proteins, there is potential for immunogenicity with Repatha[®].

Reference: Centers for Medicare & Medicaid Services. 2018 ICD-10 Codes Table and Index.

Please <u>click here</u> to see full Prescribing Information.



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