

CMS Limitations Guide - Radiology Services

Starting October 1, 2015, CMS will update their existing medical necessity limitations on tests and procedures to correspond to ICD-10 codes. This limitations guide provides you with the latest changes.

This guide is not an all-inclusive list of National Coverage Documents (NCD) and Local Coverage Documents (LCD). You can search by LCD or NCD or keyword and region on the CMS website at: <https://www.cms.gov/medicare-coverage-database/overview-and-quick-search.aspx?clickon=search>.

CMS will deny payment if the correct diagnosis codes are not entered on the order form, and your patient's test or procedure will not be covered. We compiled this information in one location to make it easier for you to find the proper codes for medically necessary diagnoses.

It is the responsibility of the provider to code to the highest level specified in the ICD-10-CM. The correct use of an ICD-10-CM code listed below does not assure coverage of a service. The service must be reasonable and necessary in the specific case and must meet the criteria specified in this determination.

We will continue to update this list as new CMS limitations are announced. You can always find the most current list at: www.munsonhealthcare.org/medicalnecessity.

If you have any questions, please contact Kari Smith, Office Coordinator, at **(231) 935-2296**, or Karen Popa, Director, Patient Access Services, at **(231) 935-7493**.

CMS Limitations Guide – Radiology Services

(L35761) Non-Invasive Peripheral Arterial Vascular Studies

USV Lower Arterial ABI Only (93922)

USV Lower Arterial W/ABI Non (93925)

USV Upper Arterial W/ABI Non (93923)

CPT Code	Description
93922	Limited bilateral noninvasive physiologic studies of upper or lower extremity arteries, (e.g. for lower extremity: ankle/brachial indices at distal posterior tibial and anterior tibial/dorsalis pedis arteries plus bidirectional, Doppler waveform recording and analysis at 1-2 levels, or ankle/brachial indices at distal posterior tibial and anterior tibial/dorsalis pedis arteries plus volume Plethysmography at 1-2 levels, or ankle/brachial indices at distal posterior tibial and anterior tibial/dorsalis pedis arteries with, transcutaneous oxygen tension measurement at 1-2 levels) (USV Lower Arterial ABI Only)
93923	Complete bilateral noninvasive physiologic studies of upper or lower extremity arteries, 3 or more levels (eg, for lower extremity: ankle/brachial indices at distal posterior tibial and anterior tibial/dorsalis pedis arteries plus segmental blood pressure measurements with bidirectional doppler waveform recording and analysis, at 3 or more levels, or ankle/brachial indices at distal posterior tibial and anterior tibial/dorsalis pedis arteries plus segmental volume plethysmography at 3 or more levels, or ankle/brachial indices at distal posterior tibial and anterior tibial/dorsalis pedis arteries plus segmental transcutaneous oxygen tension measurements at 3 or more levels), or single level study with provocative functional maneuvers (eg, measurements with postural provocative tests, or measurements with reactive hyperemia) (USV Upper Arterial W/ABI Non)
93924	Noninvasive physiologic studies of lower extremity arteries, at rest and following treadmill stress testing, (ie, bidirectional doppler waveform or volume plethysmography recording and analysis at rest with ankle/brachial indices immediately after and at timed intervals following performance of a standardized protocol on a motorized treadmill plus recording of time of onset of claudication or other symptoms, maximal walking time, and time to recovery) complete bilateral study
93925	Duplex scan of lower extremity arteries or arterial bypass grafts; complete bilateral study (USV Lower Arterial W/ABI Non)
93926	Duplex scan of lower extremity arteries or arterial bypass grafts; unilateral or limited study
93930	Duplex scan of upper extremity arteries or arterial bypass grafts; complete bilateral study
93931	Duplex scan of upper extremity arteries or arterial bypass grafts; unilateral or limited study

ICD-10 Codes That Support Medical Necessity and Covered by Medicare Program:

Group 1 Paragraph: Peripheral Arterial Examinations (93923-93931)

When CPT code 93926 is used to perform a limited study for a follow-up of bypass surgery, use the diagnosis code Z48.89 (encounter for other specified surgical aftercare).

For codes in the table below that require a 7th character, letter A initial encounter, D subsequent encounter or S sequela may be used.

Group 1 Codes:

Code	Description
E08.51	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene
E08.52	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene
E08.59	Diabetes mellitus due to underlying condition with other circulatory complications
E09.51	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene
E09.52	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene

CMS Limitations Guide – Radiology Services

E09.59	Drug or chemical induced diabetes mellitus with other circulatory complications
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E10.59	Type 1 diabetes mellitus with other circulatory complications
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E11.59	Type 2 diabetes mellitus with other circulatory complications
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene
E13.59	Other specified diabetes mellitus with other circulatory complications
G54.0	Brachial plexus disorders
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
I25.700	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
I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris
I25.721	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
I25.730	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
I25.750	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
I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris
I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina

CMS Limitations Guide – Radiology Services

I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm
I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of 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
I25.810	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
I70.0	Atherosclerosis of aorta
I70.211	Atherosclerosis of native arteries of extremities with intermittent claudication, right leg
I70.212	Atherosclerosis of native arteries of extremities with intermittent claudication, left leg
I70.213	Atherosclerosis of native arteries of extremities with intermittent claudication, bilateral legs
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
I70.231	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
I70.241	Atherosclerosis of native arteries of left leg with ulceration of thigh
I70.242	Atherosclerosis of native arteries of left leg with ulceration of calf
I70.243	Atherosclerosis of native arteries of left leg with ulceration of ankle
I70.244	Atherosclerosis of native arteries of left leg with ulceration of heel and midfoot
I70.261	Atherosclerosis of native arteries of extremities with gangrene, right leg
I70.262	Atherosclerosis of native arteries of extremities with gangrene, left leg
I70.263	Atherosclerosis of native arteries of extremities with gangrene, bilateral legs
I70.411	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, right leg
I70.412	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
I70.421	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, right leg
I70.422	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, left leg
I70.423	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, bilateral legs
I70.431	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of thigh
I70.432	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of calf
I70.433	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of ankle

CMS Limitations Guide – Radiology Services

170.434	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of heel and midfoot
170.441	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of thigh
170.442	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
170.461	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
170.491	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
170.511	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
170.513	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, bilateral legs
170.521	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, right leg
170.522	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
170.531	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
170.541	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of thigh
170.542	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
170.561	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
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

CMS Limitations Guide – Radiology Services

170.593	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, bilateral legs
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
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
170.631	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
170.634	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of heel and midfoot
170.641	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of thigh
170.642	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of calf
170.643	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
170.661	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
170.92	Chronic total occlusion of artery of the extremities
172.1	Aneurysm of artery of upper extremity
172.4	Aneurysm of artery of lower extremity
172.8	Aneurysm of other specified arteries
173.00	Raynaud's syndrome without gangrene
173.01	Raynaud's syndrome with gangrene
173.1	Thromboangiitis obliterans [Buerger's disease]
173.89	Other specified peripheral vascular diseases
174.2	Embolism and thrombosis of arteries of the upper extremities
174.3	Embolism and thrombosis of arteries of the lower extremities
174.5	Embolism and thrombosis of iliac artery
175.011	Atheroembolism of right upper extremity
175.012	Atheroembolism of left upper extremity
175.013	Atheroembolism of bilateral upper extremities
175.021	Atheroembolism of right lower extremity
175.022	Atheroembolism of left lower extremity
175.023	Atheroembolism of bilateral lower extremities

CMS Limitations Guide – Radiology Services

I76	Septic arterial embolism
I77.0	Arteriovenous fistula, acquired
I77.1	Stricture of artery
I77.2	Rupture of artery
I77.3	Arterial fibromuscular dysplasia
I77.5	Necrosis of artery
I77.72	Dissection of iliac artery
I77.79	Dissection of other artery
I77.810	Thoracic aortic ectasia
I77.811	Abdominal aortic ectasia
I77.812	Thoracoabdominal aortic ectasia
I77.89	Other specified disorders of arteries and arterioles
L97.111	Non-pressure chronic ulcer of right thigh limited to breakdown of skin
L97.112	Non-pressure chronic ulcer of right thigh with fat layer exposed
L97.113	Non-pressure chronic ulcer of right thigh with necrosis of muscle
L97.114	Non-pressure chronic ulcer of right thigh with necrosis of bone
L97.121	Non-pressure chronic ulcer of left thigh limited to breakdown of skin
L97.122	Non-pressure chronic ulcer of left thigh with fat layer exposed
L97.123	Non-pressure chronic ulcer of left thigh with necrosis of muscle
L97.124	Non-pressure chronic ulcer of left thigh with necrosis of bone
L97.211	Non-pressure chronic ulcer of right calf limited to breakdown of skin
L97.212	Non-pressure chronic ulcer of right calf with fat layer exposed
L97.213	Non-pressure chronic ulcer of right calf with necrosis of muscle
L97.214	Non-pressure chronic ulcer of right calf with necrosis of bone
L97.221	Non-pressure chronic ulcer of left calf limited to breakdown of skin
L97.222	Non-pressure chronic ulcer of left calf with fat layer exposed
L97.223	Non-pressure chronic ulcer of left calf with necrosis of muscle
L97.224	Non-pressure chronic ulcer of left calf with necrosis of bone
L97.311	Non-pressure chronic ulcer of right ankle limited to breakdown of skin
L97.312	Non-pressure chronic ulcer of right ankle with fat layer exposed
L97.313	Non-pressure chronic ulcer of right ankle with necrosis of muscle
L97.314	Non-pressure chronic ulcer of right ankle with necrosis of bone
L97.321	Non-pressure chronic ulcer of left ankle limited to breakdown of skin
L97.322	Non-pressure chronic ulcer of left ankle with fat layer exposed
L97.323	Non-pressure chronic ulcer of left ankle with necrosis of muscle
L97.324	Non-pressure chronic ulcer of left ankle with necrosis of bone
L97.411	Non-pressure chronic ulcer of right heel and midfoot limited to breakdown of skin

CMS Limitations Guide – Radiology Services

L97.412	Non-pressure chronic ulcer of right heel and midfoot with fat layer exposed
L97.413	Non-pressure chronic ulcer of right heel and midfoot with necrosis of muscle
L97.414	Non-pressure chronic ulcer of right heel and midfoot with necrosis of bone
L97.421	Non-pressure chronic ulcer of left heel and midfoot limited to breakdown of skin
L97.422	Non-pressure chronic ulcer of left heel and midfoot with fat layer exposed
L97.423	Non-pressure chronic ulcer of left heel and midfoot with necrosis of muscle
L97.424	Non-pressure chronic ulcer of left heel and midfoot with necrosis of bone
L97.511	Non-pressure chronic ulcer of other part of right foot limited to breakdown of skin
L97.512	Non-pressure chronic ulcer of other part of right foot with fat layer exposed
L97.513	Non-pressure chronic ulcer of other part of right foot with necrosis of muscle
L97.514	Non-pressure chronic ulcer of other part of right foot with necrosis of bone
L97.521	Non-pressure chronic ulcer of other part of left foot limited to breakdown of skin
L97.522	Non-pressure chronic ulcer of other part of left foot with fat layer exposed
L97.523	Non-pressure chronic ulcer of other part of left foot with necrosis of muscle
L97.524	Non-pressure chronic ulcer of other part of left foot with necrosis of bone
L97.811	Non-pressure chronic ulcer of other part of right lower leg limited to breakdown of skin
L97.812	Non-pressure chronic ulcer of other part of right lower leg with fat layer exposed
L97.813	Non-pressure chronic ulcer of other part of right lower leg with necrosis of muscle
L97.814	Non-pressure chronic ulcer of other part of right lower leg with necrosis of bone
L97.821	Non-pressure chronic ulcer of other part of left lower leg limited to breakdown of skin
L97.822	Non-pressure chronic ulcer of other part of left lower leg with fat layer exposed
L97.823	Non-pressure chronic ulcer of other part of left lower leg with necrosis of muscle
L97.824	Non-pressure chronic ulcer of other part of left lower leg with necrosis of bone
M30.0	Polyarteritis nodosa
M30.1	Polyarteritis with lung involvement [Churg-Strauss]
M30.2	Juvenile polyarteritis
M30.3	Mucocutaneous lymph node syndrome [Kawasaki]
M30.8	Other conditions related to polyarteritis nodosa
M31.0	Hypersensitivity angiitis
M31.1	Thrombotic microangiopathy
M31.30	Wegener's granulomatosis without renal involvement
M31.31	Wegener's granulomatosis with renal involvement
M31.4	Aortic arch syndrome [Takayasu]
M31.5	Giant cell arteritis with polymyalgia rheumatica
M31.6	Other giant cell arteritis
M31.7	Microscopic polyangiitis
M31.8	Other specified necrotizing vasculopathies

CMS Limitations Guide – Radiology Services

M79.601	Pain in right arm
M79.602	Pain in left arm
M79.604	Pain in right leg
M79.605	Pain in left leg
M79.621	Pain in right upper arm
M79.622	Pain in left upper arm
M79.631	Pain in right forearm
M79.632	Pain in left forearm
M79.641	Pain in right hand
M79.642	Pain in left hand
M79.644	Pain in right finger(s)
M79.645	Pain in left finger(s)
M79.651	Pain in right thigh
M79.652	Pain in left thigh
M79.661	Pain in right lower leg
M79.662	Pain in left lower leg
M79.671	Pain in right foot
M79.672	Pain in left foot
M79.674	Pain in right toe(s)
M79.675	Pain in left toe(s)
R10.2	Pelvic and perineal pain
S45.011A	Laceration of axillary artery, right side, initial encounter
S45.012A	Laceration of axillary artery, left side, initial encounter
S45.091A	Other specified injury of axillary artery, right side, initial encounter
S45.092A	Other specified injury of axillary artery, left side, initial encounter
S45.111A	Laceration of brachial artery, right side, initial encounter
S45.112A	Laceration of brachial artery, left side, initial encounter
S45.191A	Other specified injury of brachial artery, right side, initial encounter
S45.192A	Other specified injury of brachial artery, left side, initial encounter
S45.211A	Laceration of axillary or brachial vein, right side, initial encounter
S45.212A	Laceration of axillary or brachial vein, left side, initial encounter
S45.291A	Other specified injury of axillary or brachial vein, right side, initial encounter
S45.292A	Other specified injury of axillary or brachial vein, left side, initial encounter
S45.311A	Laceration of superficial vein at shoulder and upper arm level, right arm, initial encounter
S45.312A	Laceration of superficial vein at shoulder and upper arm level, left arm, initial encounter
S45.391A	Other specified injury of superficial vein at shoulder and upper arm level, right arm, initial encounter

CMS Limitations Guide – Radiology Services

S45.392A	Other specified injury of superficial vein at shoulder and upper arm level, left arm, initial encounter
S45.811A	Laceration of other specified blood vessels at shoulder and upper arm level, right arm, initial encounter
S45.812A	Laceration of other specified blood vessels at shoulder and upper arm level, left arm, initial encounter
S45.891A	Other specified injury of other specified blood vessels at shoulder and upper arm level, right arm, initial encounter
S45.892A	Other specified injury of other specified blood vessels at shoulder and upper arm level, left arm, initial encounter
S45.911A	Laceration of unspecified blood vessel at shoulder and upper arm level, right arm, initial encounter
S45.912A	Laceration of unspecified blood vessel at shoulder and upper arm level, left arm, initial encounter
S45.991A	Other specified injury of unspecified blood vessel at shoulder and upper arm level, right arm, initial encounter
S45.992A	Other specified injury of unspecified blood vessel at shoulder and upper arm level, left arm, initial encounter
S55.011A	Laceration of ulnar artery at forearm level, right arm, initial encounter
S55.012A	Laceration of ulnar artery at forearm level, left arm, initial encounter
S55.091A	Other specified injury of ulnar artery at forearm level, right arm, initial encounter
S55.092A	Other specified injury of ulnar artery at forearm level, left arm, initial encounter
S55.111A	Laceration of radial artery at forearm level, right arm, initial encounter
S55.112A	Laceration of radial artery at forearm level, left arm, initial encounter
S55.119A	Laceration of radial artery at forearm level, unspecified arm, initial encounter
S55.191A	Other specified injury of radial artery at forearm level, right arm, initial encounter
S55.192A	Other specified injury of radial artery at forearm level, left arm, initial encounter
S55.211A	Laceration of vein at forearm level, right arm, initial encounter
S55.212A	Laceration of vein at forearm level, left arm, initial encounter
S55.291A	Other specified injury of vein at forearm level, right arm, initial encounter
S55.292A	Other specified injury of vein at forearm level, left arm, initial encounter
S55.811A	Laceration of other blood vessels at forearm level, right arm, initial encounter
S55.812A	Laceration of other blood vessels at forearm level, left arm, initial encounter
S55.891A	Other specified injury of other blood vessels at forearm level, right arm, initial encounter
S55.892A	Other specified injury of other blood vessels at forearm level, left arm, initial encounter
S55.911A	Laceration of unspecified blood vessel at forearm level, right arm, initial encounter
S55.912A	Laceration of unspecified blood vessel at forearm level, left arm, initial encounter
S55.991A	Other specified injury of unspecified blood vessel at forearm level, right arm, initial encounter
S55.992A	Other specified injury of unspecified blood vessel at forearm level, left arm, initial encounter
S65.011A	Laceration of ulnar artery at wrist and hand level of right arm, initial encounter
S65.012A	Laceration of ulnar artery at wrist and hand level of left arm, initial encounter
S65.091A	Other specified injury of ulnar artery at wrist and hand level of right arm, initial encounter
S65.092A	Other specified injury of ulnar artery at wrist and hand level of left arm, initial encounter

CMS Limitations Guide – Radiology Services

S65.111A	Laceration of radial artery at wrist and hand level of right arm, initial encounter
S65.112A	Laceration of radial artery at wrist and hand level of left arm, initial encounter
S65.191A	Other specified injury of radial artery at wrist and hand level of right arm, initial encounter
S65.192A	Other specified injury of radial artery at wrist and hand level of left arm, initial encounter
S65.211A	Laceration of superficial palmar arch of right hand, initial encounter
S65.212A	Laceration of superficial palmar arch of left hand, initial encounter
S65.291A	Other specified injury of superficial palmar arch of right hand, initial encounter
S65.292A	Other specified injury of superficial palmar arch of left hand, initial encounter
S65.311A	Laceration of deep palmar arch of right hand, initial encounter
S65.312A	Laceration of deep palmar arch of left hand, initial encounter
S65.391A	Other specified injury of deep palmar arch of right hand, initial encounter
S65.392A	Other specified injury of deep palmar arch of left hand, initial encounter
S65.411A	Laceration of blood vessel of right thumb, initial encounter
S65.412A	Laceration of blood vessel of left thumb, initial encounter
S65.491A	Other specified injury of blood vessel of right thumb, initial encounter
S65.492A	Other specified injury of blood vessel of left thumb, initial encounter
S65.510A	Laceration of blood vessel of right index finger, initial encounter
S65.511A	Laceration of blood vessel of left index finger, initial encounter
S65.512A	Laceration of blood vessel of right middle finger, initial encounter
S65.513A	Laceration of blood vessel of left middle finger, initial encounter
S65.514A	Laceration of blood vessel of right ring finger, initial encounter
S65.515A	Laceration of blood vessel of left ring finger, initial encounter
S65.516A	Laceration of blood vessel of right little finger, initial encounter
S65.517A	Laceration of blood vessel of left little finger, initial encounter
S65.590A	Other specified injury of blood vessel of right index finger, initial encounter
S65.591A	Other specified injury of blood vessel of left index finger, initial encounter
S65.592A	Other specified injury of blood vessel of right middle finger, initial encounter
S65.593A	Other specified injury of blood vessel of left middle finger, initial encounter
S65.594A	Other specified injury of blood vessel of right ring finger, initial encounter
S65.595A	Other specified injury of blood vessel of left ring finger, initial encounter
S65.596A	Other specified injury of blood vessel of right little finger, initial encounter
S65.597A	Other specified injury of blood vessel of left little finger, initial encounter
S65.811A	Laceration of other blood vessels at wrist and hand level of right arm, initial encounter
S65.812A	Laceration of other blood vessels at wrist and hand level of left arm, initial encounter
S65.891A	Other specified injury of other blood vessels at wrist and hand level of right arm, initial encounter
S65.892A	Other specified injury of other blood vessels at wrist and hand level of left arm, initial encounter

CMS Limitations Guide – Radiology Services

S75.011A	Minor laceration of femoral artery, right leg, initial encounter
S75.012A	Minor laceration of femoral artery, left leg, initial encounter
S75.021A	Major laceration of femoral artery, right leg, initial encounter
S75.022A	Major laceration of femoral artery, left leg, initial encounter
S75.091A	Other specified injury of femoral artery, right leg, initial encounter
S75.092A	Other specified injury of femoral artery, left leg, initial encounter
S75.811A	Laceration of other blood vessels at hip and thigh level, right leg, initial encounter
S75.812A	Laceration of other blood vessels at hip and thigh level, left leg, initial encounter
S75.891A	Other specified injury of other blood vessels at hip and thigh level, right leg, initial encounter
S75.892A	Other specified injury of other blood vessels at hip and thigh level, left leg, initial encounter
S85.011A	Laceration of popliteal artery, right leg, initial encounter
S85.012A	Laceration of popliteal artery, left leg, initial encounter
S85.091A	Other specified injury of popliteal artery, right leg, initial encounter
S85.092A	Other specified injury of popliteal artery, left leg, initial encounter
S85.141A	Laceration of anterior tibial artery, right leg, initial encounter
S85.142A	Laceration of anterior tibial artery, left leg, initial encounter
S85.151A	Other specified injury of anterior tibial artery, right leg, initial encounter
S85.152A	Other specified injury of anterior tibial artery, left leg, initial encounter
S85.171A	Laceration of posterior tibial artery, right leg, initial encounter
S85.172A	Laceration of posterior tibial artery, left leg, initial encounter
S85.181A	Other specified injury of posterior tibial artery, right leg, initial encounter
S85.182A	Other specified injury of posterior tibial artery, left leg, initial encounter
S85.211A	Laceration of peroneal artery, right leg, initial encounter
S85.212A	Laceration of peroneal artery, left leg, initial encounter
S85.291A	Other specified injury of peroneal artery, right leg, initial encounter
S85.292A	Other specified injury of peroneal artery, left leg, initial encounter
S85.811A	Laceration of other blood vessels at lower leg level, right leg, initial encounter
S85.812A	Laceration of other blood vessels at lower leg level, left leg, initial encounter
S85.891A	Other specified injury of other blood vessels at lower leg level, right leg, initial encounter
S85.892A	Other specified injury of other blood vessels at lower leg level, left leg, initial encounter
S95.011A	Laceration of dorsal artery of right foot, initial encounter
S95.012A	Laceration of dorsal artery of left foot, initial encounter
S95.091A	Other specified injury of dorsal artery of right foot, initial encounter
S95.092A	Other specified injury of dorsal artery of left foot, initial encounter
S95.111A	Laceration of plantar artery of right foot, initial encounter
S95.112A	Laceration of plantar artery of left foot, initial encounter
S95.191A	Other specified injury of plantar artery of right foot, initial encounter

CMS Limitations Guide – Radiology Services

S95.192A	Other specified injury of plantar artery of left foot, initial encounter
S95.211A	Laceration of dorsal vein of right foot, initial encounter
S95.212A	Laceration of dorsal vein of left foot, initial encounter
S95.291A	Other specified injury of dorsal vein of right foot, initial encounter
S95.292A	Other specified injury of dorsal vein of left foot, initial encounter
S95.811A	Laceration of other blood vessels at ankle and foot level, right leg, initial encounter
S95.812A	Laceration of other blood vessels at ankle and foot level, left leg, initial encounter
S95.891A	Other specified injury of other blood vessels at ankle and foot level, right leg, initial encounter
S95.892A	Other specified injury of other blood vessels at ankle and foot level, left leg, initial encounter
T80.1XXA	Vascular complications following infusion, transfusion and therapeutic injection, initial encounter
T81.718A	Complication of other artery following a procedure, not elsewhere classified, initial encounter
T82.312A	Breakdown (mechanical) of femoral arterial graft (bypass), initial encounter
T82.318A	Breakdown (mechanical) of other vascular grafts, initial encounter
T82.322A	Displacement of femoral arterial graft (bypass), initial encounter
T82.328A	Displacement of other vascular grafts, initial encounter
T82.332A	Leakage of femoral arterial graft (bypass), initial encounter
T82.338A	Leakage of other vascular grafts, initial encounter
T82.392A	Other mechanical complication of femoral arterial graft (bypass), initial encounter
T82.398A	Other mechanical complication of other vascular grafts, initial encounter
T82.510A	Breakdown (mechanical) of surgically created arteriovenous fistula, initial encounter
T82.511A	Breakdown (mechanical) of surgically created arteriovenous shunt, initial encounter
T82.514A	Breakdown (mechanical) of infusion catheter, initial encounter
T82.515A	Breakdown (mechanical) of umbrella device, initial encounter
T82.518A	Breakdown (mechanical) of other cardiac and vascular devices and implants, initial encounter
T82.520A	Displacement of surgically created arteriovenous fistula, initial encounter
T82.521A	Displacement of surgically created arteriovenous shunt, initial encounter
T82.523A	Displacement of balloon (counterpulsation) device, initial encounter
T82.524A	Displacement of infusion catheter, initial encounter
T82.528A	Displacement of other cardiac and vascular devices and implants, initial encounter
T82.530A	Leakage of surgically created arteriovenous fistula, initial encounter
T82.531A	Leakage of surgically created arteriovenous shunt, initial encounter
T82.533A	Leakage of balloon (counterpulsation) device, initial encounter
T82.534A	Leakage of infusion catheter, initial encounter
T82.535A	Leakage of umbrella device, initial encounter
T82.538A	Leakage of other cardiac and vascular devices and implants, initial encounter
T82.590A	Other mechanical complication of surgically created arteriovenous fistula, initial encounter
T82.591A	Other mechanical complication of surgically created arteriovenous shunt, initial encounter

CMS Limitations Guide – Radiology Services

T82.593A	Other mechanical complication of balloon (counterpulsation) device, initial encounter
T82.594A	Other mechanical complication of infusion catheter, initial encounter
T82.595A	Other mechanical complication of umbrella device, initial encounter
T82.598A	Other mechanical complication of other cardiac and vascular devices and implants, initial encounter
T82.7XXA	Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts, initial encounter
T82.818A	Embolism of vascular prosthetic devices, implants and grafts, initial encounter
T82.828A	Fibrosis of vascular prosthetic devices, implants and grafts, initial encounter
T82.838A	Hemorrhage of vascular prosthetic devices, implants and grafts, initial encounter
T82.848A	Pain from vascular prosthetic devices, implants and grafts, initial encounter
T82.858A	Stenosis of vascular prosthetic devices, implants and grafts, initial encounter
T82.868A	Thrombosis of vascular prosthetic devices, implants and grafts, initial encounter
T82.898A	Other specified complication of vascular prosthetic devices, implants and grafts, initial encounter
T87.0X1	Complications of reattached (part of) right upper extremity
T87.0X2	Complications of reattached (part of) left upper extremity
T87.1X1	Complications of reattached (part of) right lower extremity
T87.1X2	Complications of reattached (part of) left lower extremity
Z01.818	Encounter for other preprocedural examination
Z48.812	Encounter for surgical aftercare following surgery on the circulatory system
Z48.89	Encounter for other specified surgical aftercare
Z95.820	Peripheral vascular angioplasty status with implants and grafts
Z95.828	Presence of other vascular implants and grafts