MaineHealth Accountable Care Organization

BASICS

- The vascular system refers to the body's network of arteries and veins, which work together to bring oxygenated blood from the heart to the extremities and return deoxygenated blood back to the heart.
- Issues affecting arteries can include high blood pressure, atherosclerosis and arteriosclerosis, as well as ischemia and infarction
- Unlike arteries, plaque does not develop in veins, but valves can fail and chronic backflow of blood can lead to congestion, which could lead to blood clots

ICD 10 Code	Description	Additional Considerations
I73.9	Peripheral Artery Disease, Peripheral Vascular Disease or Intermittent Claudication	Excludes atherosclerosis of extremities (I170.2-I70.7)
I70.20X	Atherosclerosis of native arteries of extremities with intermittent claudication	
I70.22X	Atherosclerosis of native arteries of extremities with rest pain	
I70.23X-24X	Atherosclerosis of native arteries of right leg (23) or left (24) with ulceration	
I70.25	Atherosclerosis of native arteries of other extremities with ulceration	Use additional code to identify the severity of any ulcer (L97.-, L98.49-), f applicable Identify laterality/or location
I70.26X	Atherosclerosis of native arteries of extremities with gangrene	
I70.29X	Other atherosclerosis of native arteries of extremities	

- Other common types of Vascular Disease:

ICD10 Code	Description
I70.0	Atherosclerosis of Aorta*
I71.X	Aortic Aneurysm (location with or without rupture)
I71.4	Abdominal aortic aneurysm, without rupture (AAA)
I72.X	Other Aneurysm

ICD10 Code	Description
I74.X	Arterial embolism and thrombosis (identify location)
I77.1	Stricture of Artery (tortuous aorta)
I77.8	Aortic ectasia

*Use additional code to identify tobacco use/dependence

Use ALL applicable codes to accurately document a patient's condition, more than 1 can be documented

Remember to M.E.A.T. (Monitor, Evaluate, Assess and/or Treat) and document:

- Avoid acronyms such as PAD and PVD
- Location of vein/artery affected
- Link conditions to the atherosclerosis such as "due to" or "secondary to"
- Complications such as intermittent claudication, ulceration or rest pain
- Laterality (left, right or bilateral) and specify if one or both sides are affected by complicating conditions of atherosclerosis

FLIP FOR BEYOND THE BASICS

MaineHealth
Accountable Care Organization

BEYOND THE BASICS
ICD10 CODING CONSIDERATIONS

COMPONENTS

- When documenting specifically for Vascular Disease it is important to include the following components:

Component	Coding Consideration(s)
Type of Vessel	Native or graft
If a Graft	Identify as: Autologous, Nonautologous biological, or Nonautologous nonbiological
Laterality	Left, right or bilateral and specify if one or both sides are affected by atherosclerosis
Site of any complications	Intermittent claudication (not no simply document claudication), Pain, Ulceration (identify specific site and depth), Gangrene

VASCULAR DISEASE AND DIABETES

- Diabetes and peripheral angiopathy should be coded as related unless documentation states they are unrelated
- Be sure to document laterality and manifestations, if applicable
- Consider these combination codes if documented with diabetes:

ICD10 Code	Description
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene

COMORBIDITIES

- Medical conditions that exist at the same time as diagnosis or can increase the risk of heart arrhythmias

ICD10 Code	Description
I10	Essential (Primary) Hypertension
E66.X	Obesity (Include BMI)
E10.X, E11.X	Diabetes (Type 1, Type 2)
I25.X	Chronic Ischemic Heart Disease
I50.X	Heart Failure

NON-PRESSURE ULCERS

- Identify type, site , laterality and severity
- Do not document as "wounds" or "lesions"
- Be sure to code underlying conditions

ICD10 Code	Description
L97.X	Non-pressure chronic ulcer of X
L96	Any associated gangrene
I70.X	Atherosclerosis of lower extremities
I87.31, .33	Chronic venous hypertension
E08-E11 .621-.622	Diabetic ulcers
I87.01X,03X	Postphlebitic or Post thrombotic syndrome
I83.0X,.2X	Varicose ulcer

ICD10 CODING SCENARIOS

Example	ICD 10 Coding
Patient has atherosclerosis of native artery bilateral lower extremities without ulceration or claudication.	•I70.203, Unspecified atherosclerosis of native arteries of extremities, bilateral legs
Patient has atherosclerosis of native artery of right lower extremity with rest pain.	•I70.221, PAD d/t atherosclerosis of native artery RLE with resting pain
Patient has diabetic peripheral vascular disease with gangrene and an ulcer on her left heel, with exposed fat layer.	•E11.52, Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene AND •L97.422 Non-pressure ulcer of left heel midfoot with fat layer exposed