

Aneurysm

At Healthfirst, we are committed to helping providers accurately document and code their patients' health records. This tip sheet is intended to assist providers and coding staff with the documentation and ICD-10-CM selection, along with the Centers for Medicare & Medicaid Services (CMS), on services submitted to Healthfirst—specifically for an **Aneurysm**. It provides information from industry sources about proper coding practice. However, this document does not represent or guarantee that Healthfirst will cover and/or pay for the services outlined. Coverage decisions are based on the terms of the applicable evidence of coverage and the provider's participation agreement. This includes the determination of any amount that Healthfirst or the member owes the provider.

An **aneurysm** is an abnormal widening or bulging of a blood vessel due to weakness in the wall. An aneurysm may occur in any blood vessel but is most often seen in an artery rather than a vein.

ICD-10 Codes and Descriptions

Code	Description
I71.1*	Thoracic aortic aneurysm, ruptured (HCC)
I71.2*	Thoracic aortic aneurysm, without rupture
I71.3*	Abdominal aortic aneurysm, ruptured (HCC)
I71.4*	Abdominal aortic aneurysm, without rupture
I71.5*	Thoracoabdominal aortic aneurysm, ruptured (HCC)
I71.6*	Thoracoabdominal aortic aneurysm, without rupture
I71.8	Aortic aneurysm of unspecified site, ruptured (HCC)
I71.9	Aortic aneurysm of unspecified site, without rupture
I72.0	Aneurysm of carotid artery
I72.1	Aneurysm of artery of upper extremity
I72.2	Aneurysm of renal artery
I72.3	Aneurysm of iliac artery
I72.4	Aneurysm of artery of lower extremity
I72.5	Aneurysm of other precerebral arteries

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I72.6	Aneurysm of vertebral artery
I72.8	Aneurysm of other specified arteries
I72.9	Aneurysm of unspecified sites

*Requires additional digit to complete the codes

Documentation Recommendations

Updated Status of Condition	<ul style="list-style-type: none"> Currently on medication “x”; currently stable 	<ul style="list-style-type: none"> Worsening 	<ul style="list-style-type: none"> Improved
Identify type of Aneurysm	<ul style="list-style-type: none"> Thoracic aortic aneurysm <ul style="list-style-type: none"> Ascending aorta Aortic arch Descending thoracic aorta Abdominal aortic aneurysm <ul style="list-style-type: none"> Pararenal Juxtarenal Infrarenal Thoracoabdominal aortic aneurysm <ul style="list-style-type: none"> Supraceliac Paravisceral Aneurysm of carotid artery Aneurysm of renal artery Aneurysm of iliac artery Aneurysm of vertebral artery Other site – identify site 		
Vessels Involved	<ul style="list-style-type: none"> Aorta Renal Artery Extremity Artery Native Artery 		
Type of Graft	<ul style="list-style-type: none"> Autologous vein bypass graft Non-biological bypass graft Other type of bypass graft Unspecified type of bypass graft 		

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Associated Symptoms and/or Complications	<ul style="list-style-type: none"> • Ruptured • Without Rupture • Intermittent claudication • Pain at rest • Ulceration • Gangrene 		
Laterality	<ul style="list-style-type: none"> • Right 	<ul style="list-style-type: none"> • Left 	<ul style="list-style-type: none"> • Bilateral
Use Linking Terms	<ul style="list-style-type: none"> • “Due to,” “Secondary to” or “Associated with” 		
Identify Risk Factors	<ul style="list-style-type: none"> • Smoking • High blood pressure • High cholesterol • Diabetes • Heavy alcohol consumption • Illicit Drug use 		
Treatment Plan	<ul style="list-style-type: none"> • Unruptured Aneurysms: <ul style="list-style-type: none"> ○ Observation ○ Medications ○ Stenting • Ruptured Aneurysms: <ul style="list-style-type: none"> ○ Emergency Surgery ○ Endovascular Coiling ○ Open Surgical Clipping 		

Coding Tips

- Aortic Aneurysm and dissection - Code first, if applicable:
 - Syphilitic aortic aneurysm - **A52.01**
- Traumatic aortic aneurysm:
 - **S25.09*** - Other specified injury of thoracic aorta,
 - **S35.09*** - Injury of blood vessels at abdomen, lower back, and pelvis level
- History of aneurysm - **Z86.79** - Personal history of other diseases of the circulatory system
- For dissecting aneurysm use category **I71.0*** - The bulging/aneurysm, although present, occurred secondary to the dissection.
- Aneurysm of aorta in diseases classified elsewhere - **I79.0** - should only be coded when an aortic aneurysm is specified as due to another primary disease. The causative disease should be coded first.

*Requires additional digit to complete the codes

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Coding Example

Case 1	A 75-yr-old male patient with a history of smoking presents to the emergency department with sudden onset of severe chest pain radiating to the back and jaw. He also experiences extreme shortness of breath and feels lightheaded. Imaging studies reveal a ruptured aneurysm of the aortic arch . The patient is taken to the operating room for emergency repair.
Applicable ICD-10-CM Codes	I71.12 - Aneurysm of the aortic arch, ruptured

References

- [ICD-10 CM Official Coding Guidelines](#)
- [Coding Clinic Advisor](#)

Questions?

Contact us at #Risk_Adjustments_and_clinical_Documentation@healthfirst.org

For additional documentation and coding guidance, please visit the coding section on [HFproviders.org](https://www.healthfirst.org/HFproviders.org)

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