HTG76 – Endovascular stent-graft placement in thoracic aortic aneurysms and dissections

SNOMED CT provides clinical terms for entry into the patient record to record clinical information relevant to that encounter; the mandated classifications (OPCS-4 or ICD-10) provide a method to collect and aggregate data to allow accurate and consistent data analysis.

Procedure and device:

SNOMED CT preferred term (concept ID)

Repair of thoracic aortic aneurysm with insertion of endovascular stent graft (429679003)

Fluoroscopic operative angiography of thoracic aorta with insertion of stent graft (432035008)

Fluoroscopic angiography of thoracic aorta using contrast with insertion of stent graft (824711000000104)

Percutaneous transluminal insertion of stent into aorta (427231006**)**

OPCS-4 code(s):

Note: An OPCS-4 code is selected from the following to capture the dissection or aneurysm in the aorta:

> **L27.3 Endovascular insertion of stent graft for thoracic aortic aneurysm**
> **L27.4 Endovascular insertion of stent graft for aortic dissection in any position**

Note: A supplementary code from category **O20.- Endovascular placement of stent graft** is assigned to indicate the number and type of stent grafts.

> **Y53.1 Approach to organ under radiological control**

or

> **Y78.8 Other specified arteriotomy approach to organ under image control**

Note: Codes in category **Y53 Approach to organ under image control** and **Y68 Other approach to organ under image control** are used as additional codes for any procedure that uses image control that may or may not be performed via percutaneous approach.

When a procedure has been performed using image control and the code that classifies the procedure ***does not*** state the type of image control used, then a code from these categories ***must be*** assigned. If the specific method of image control is not stated, the fourth-character **.9** must be assigned

   Note: Codes within category **Y78 Arteriotomy approach to organ under image control** must only be used where it is clear that an arteriotomy approach using image control has been performed. Common terms which indicate an arteriotomy has been performed are: incision into artery, surgical cut-down or cutting of artery.

   Note: Codes within categories **Y53.-** and **Y78.-** are used as secondary codes to classify interventions that are percutaneous and require some form of image control.

Diagnosis or health condition:

SNOMED CT preferred term (concept ID)

Aneurysm of thoracic aorta   (433068007)
Dissection of thoracic aorta (233994002)

ICD-10 code(s):

   I71.2 Thoracic aortic aneurysm, without mention of rupture

Or

   I71.1 Thoracic aoritic aneurysm, ruptured

And

   I71.0 Dissection of aorta [any part]

Clinical coding recommendations for NICE guidance

For each published interventional procedure and medical technologies guidance, we work with NHS Digital to provide relevant clinical coding information.

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The mandated classifications (OPCS-4 or ICD-10) provide a method to collect and aggregate data to allow accurate and consistent data analysis.

NICE and NHS Digital Information Representation Services work collaboratively to ensure the most appropriate SNOMED CT, OPCS-4 and ICD codes are provided.

NHS Digital is the national release centre for the UK edition of SNOMED CT, ICD and OPCS-4. Further SNOMED CT information including licensing, see here. Further Classifications information, see here.