

HTG249 – Off-pump coronary artery bypass grafting

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

Procedure:

OPCS-4 code(s):

K40.- Saphenous vein graft replacement of coronary artery

Or

K41.- Other autograft replacement of coronary artery

Or

K42.- Allograft replacement of coronary artery

Or

K43.- Prosthetic replacement of coronary artery

Or

K44.- Other replacement of coronary artery

Plus

A code from categories **K25-K29** for concurrent repair of valve of heart (if performed)

Plus

K23.1 Excision of lesion of wall of heart NEC (if concurrent excision of lesion of ventricle of heart is performed)

Plus

K11.- Repair of defect of interventricular septum (if repair of defect of interventricular septum is performed)

Note: It is not possible to capture the fact that the coronary artery bypass grafting was performed off-pump (OPCAB) using OPCS-4 codes. However on-pump surgery using cardiopulmonary bypass is coded using **Y73.1 Cardiopulmonary bypass** or **Y73.4 Modified ultrafiltration adjunct to cardiopulmonary bypass** whenever it is stated to have been carried out.

Diagnosis or health condition:

ICD-10 code(s):

I25.1 Atherosclerotic heart disease

Clinical coding recommendations for NICE guidance

For each published interventional procedure guidance, we work with NHS England to provide relevant clinical coding information.

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NICE and NHS England Terminology and Classifications Delivery Service work collaboratively to ensure the most appropriate OPCS-4 and ICD-10 codes are provided.

NHS England is the national release centre for the UK edition of ICD-10 and OPCS-4. Further Classifications information, see [here](#).