

IPG377 – Off-pump coronary artery bypass grafting

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)

Off-pump coronary artery bypass (418824004)

OPCS-4 code(s):

An OPCS-4 code from categories **K40-K44** is selected for the Coronary Artery Bypass Grafting:

K40.- Saphenous vein graft replacement of coronary artery

K41.- Other autograft replacement of coronary artery

K42.- Allograft replacement of coronary artery

K43.- Prosthetic replacement of coronary artery

K44.- Other replacement of coronary artery

Includes: Coronary artery bypass graft NEC

Note: Regarding categories **K40-K44**:

A supplementary code must be used for concurrent repair of valve of heart (**K25-K29**).

A supplementary code must be used for concurrent excision of lesion of ventricle of heart (**K23.1**) or repair of defect of interventricular septum (**K11**)

These categories must be used as supplementary codes in the case of concurrent connection of thoracic artery to coronary artery (**K45**)

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** whenever it is stated to have been carried out.

Diagnosis or health condition:

SNOMED CT preferred term (concept ID)

Coronary arteriosclerosis (53741008)

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 UK Edition of SNOMED CT is managed by the Clinical Terminology Service of NHS Digital. For further information including licensing, see [UK Terminology Centre — NHS Digital](#).

The Clinical Classifications Service of NHS Digital is the central definitive source for clinical coding guidance and determines the coding standards associated with the classifications (OPCS-4 and ICD-10) to be used across the NHS. The Clinical Classifications Service and NICE work collaboratively to ensure the most appropriate classification codes are provided. [Clinical Classifications Service — NHS Digital](#).