

TLHC SNOMED CT codes

Guidance for sites

Updates to SNOMED CT:

The SNOMED CT online browser is updated periodically to include new codes that have been developed since the last release. The release schedule can be found [here](#).

Updates are not done automatically; they must be done by local GP ICT teams.

Providers will be notified via TRUD when an update is available. They will then have to make the relevant content 'available' for use.

We recommend TLHC sites keep abreast of these dates to make sure the relevant updates are made on time. If your systems are not updated, you won't be able to access the latest SNOMED CT codes.



SNOMED CT – NHS England

SNOMED CT is a clinical vocabulary readable by computers

- **SNOMED CT should be used by all TLHC sites to identify eligible participants to invite for a Lung Health Check and subsequently record the participant's journey through the TLHC pathway (e.g. invited to LHC, LHC outcome, scan outcome, etc.)**
- SNOMED CT gives clinical IT systems a single shared language, which makes exchanging information between systems easier, safer and more accurate.
- It contains all the clinical terms needed for the whole NHS, from procedures and symptoms through to clinical measurements, diagnoses and medications.
- The use of SNOMED CT as a consistent vocabulary for recording patient clinical information across the NHS helps ensure data is recorded consistently and accurately. This simplifies exchanging clinical information between systems.
- The use of computerised clinical decision support within systems is also increasing, supporting care professionals and patients by allowing their IT systems to react to clinical information.

Links

SNOMED CT homepage: [SNOMED CT - NHS Digital](#)

Use the NHS Digital SNOMED CT Browser: [SNOMED CT - Home \(termbrowser.nhs.uk\)](#)

SNOMED CT resources: [SNOMED CT - Delen: Home - NHS England \(kahootz.com\)](#)

SNOMED support helpdesk: snomed.implementation@nhs.net

Glossary of terms

There are different types of codes in the SNOMED CT dictionary. The type of code is normally indicated by semantic tags, placed in brackets alongside the SNOMED CT code.

GP practices should be aware of these semantic tags and which type to use for specific situations.

Semantic tag	Definition
Assessment scales	Used to indicate the type of scale used
Procedure	Used to record what is being done
Observable entry	Used to record a measurement, reading, numerical result, etc. This will always have an associated value entry, for example Body height (observable entity) would be accompanied with the patient's height in metres (or feet and inches).
Finding	Used to record a patient's diagnosis or symptoms.

SNOMED CT codes to use for TLHC (i)

The link below lists SNOMED CT codes used to code smoking habits on GP records. TLHC sites use these codes to identify from primary care records who is eligible for a TLHC.

This list has been provided by InHealth. It documents the codes used by their team to identify who to invite to a Lung Health Check.

Other sites might have a different list of SNOMED CT codes used for this purpose. Please let us know if you are aware of any other codes that should be included.

[230719_SNOMED CT Smoking codes - In-Health - Cancer Alliances Workspace - FutureNHS Collaboration Platform](#)

SNOMED CT codes to use for TLHC (ii)

The following tables indicate which SNOMED CT codes should be used to record a participant's journey through the TLHC programme.

Invitation to Lung Health Check			
TLHC pathway stage	SNOMED CT code ID (SCTID)	SNOMED CT code term(s)	Notes
Signposted to a Lung Health Check	1104521000000104	Signposting to Lung Health Check (procedure)	The 'signposted' code could be used to indicate if a participant has been alerted about the programme and given the option to self-refer, but not officially received an invitation.
Invited to a Lung Health Check	1771771000000105	Lung Health Check invitation (procedure)	

SNOMED CT codes to use for TLHC (iii)

Lung Health Check appointment			
TLHC pathway stage	SNOMED CT code ID (SCTID)	SNOMED CT code term(s)	Notes
LLP (MyLungRisk) risk score calculation completed during Lung Health Check	1781761000000108	MyLungRisk questionnaire (assessment scale)	You might want to use all three of these codes to show: a) assessment scale - what scale is being used, b) procedure - what is being done and c) observable entity – the risk score outcome OR you may wish to just use the observable entity code to record the risk score result.
	1792001000000100	MyLungRisk questionnaire (observable entity)	
	1792011000000103	MyLungRisk questionnaire (procedure)	
PLCO (Prostate, Lung, Colorectal and Ovarian) risk score calculation completed during Lung Health Check	1792021000000109	Prostate, Lung, Colorectal, and Ovarian modified 2012 6-year lung cancer risk calculator for smokers (assessment scale)	As above
	1792031000000106	Prostate, Lung, Colorectal, and Ovarian modified 2012 6-year lung cancer risk calculator for smokers (observable entity)	
	1792041000000102	Prostate, Lung, Colorectal, and Ovarian modified 2012 6-year lung cancer risk calculator for smokers (procedure)	
Risk score calculation is high risk, participant referred for LDCT	183833005	Referral for computed tomography (procedure) Referral for CT	
Risk score calculation is low risk, participant is not referred for LDCT	308171000000107	Referral not made due to clinical decision (finding)	
Referral to smoking cessation service	871661000000106	Referral to smoking cessation service (procedure)	

SNOMED CT codes to use for TLHC (iv)

LDCT scan			
TLHC pathway stage	SNOMED CT code ID (SCTID)	SNOMED CT code term(s)	Notes
LDCT scan completed	713548006	Low dose computed tomography of thorax (procedure) Low dose computed tomography of chest Low dose CT of thorax Lose dose CT of chest	
LDCT scan not completed due to participant declining appointment	13015001000119105	Lung cancer screening declined (situation)	
LDCT scan not completed due to participant DNA (without actively declining)	1771781000000107	Did not attend lung cancer screening (finding)	

SNOMED CT codes to use for TLHC (v)

Outcomes – the codes below are suggestions for how to record the most common TLHC incidental findings. This list is not exhaustive. The SNOMED CT browser can be used to find what code to use for other outcomes.

TLHC pathway stage	SNOMED CT code ID (SCTID)	SNOMED CT code term(s)	Notes
LDCT outcome	786838002	Nodule of lung (disorder) Pulmonary nodule	There are lots of existing diagnosis codes in SNOMED CT which can be found in the browser. Those listed here are some of the more common codes required for TLHC.
LDCT outcome	301232003	Lesion of lung (disorder)	
LDCT outcome	363358000	Malignant tumour of lung (disorder) Lung cancer	
Coronary Artery Calcification	445512009	Calcification of coronary artery (disorder)	
Aortic valve disease	8722008	Aortic valve disease (disorder)	
Emphysema	87433001	Pulmonary emphysema (disorder)	There are multiple emphysema codes in the SNOMED CT dictionary. Please use the one that best fits the participant's diagnosis.

Signposting to LHC (procedure)
11045210000
00104

Invited to a LHC
17717710000
00105

Risk score calculation during LHC
See slide 7

Referral not made due to clinical decision
308171000000
107

Referral to smoking cessation service
871661000000
106

People who have ever smoked are invited to a Lung Health Check

Lung Health Check:
- Lung cancer risk
- Smoking cessation
- Spirometry (optional)

Low risk: no LDCT
Referred to GP if significant lung disease e.g. COPD is diagnosed
Re-assessment criteria see protocol 3.3.14

Referral for computed tomography (procedure)
183833005

Referral to smoking cessation service
871661000000
106

High risk: offered LDCT

Suspected lung cancer referred to rapid access lung clinic

3 month LDCT → 12 month LDCT → 24 month LDCT (volumetry not possible)

12 month LDCT → 24 month LDCT (volumetry not possible)

24 month from baseline LDCT

Did not attend lung cancer screening
Code TBC

Lung cancer screening declined (situation)
13015001000119
105

Low does computed tomography of thorax (procedure)
713548006

Malignant tumour of lung (disorder)
363358000

Nodule of lung (disorder)
786838002

Lesion of lung (disorder)
301232003

Calcification of coronary artery (disorder)
445512009

Aortic Valve disease (disorder)
8722008

Pulmonary emphysema (disorder)
87433001

TLHC pathway

This diagram illustrates the SNOMED CT codes that should be used to map a participant's journey at each stage of the TLHC pathway.

Information:

TLHC website: [Lung health checks - NHS \(www.nhs.uk\)](http://www.nhs.uk)

TLHC standard protocol guidelines: [NHS England » Targeted screening for lung cancer with low radiation dose computed tomography](#)

SNOMED CT implementation support: [SNOMED CT Implementation Support - Delen: Home - NHS England \(kahootz.com\)](#)

Contact:

TLHC national programme team: england.tlhc@nhs.net

SNOMED CT support helpdesk: snomed.implementation@nhs.net