## Summary of Changes ICD-10 4<sup>th</sup> Edition to ICD-10 5<sup>th</sup> Edition

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<tr>
<th>Directorate / Programme</th>
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<td>Architecture, Standards and Innovation/Clinical Classifications Service</td>
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<tr>
<td>CCS-2014-232</td>
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<th>Owner</th>
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<tr>
<td>Hazel Brear</td>
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<tr>
<th>Author</th>
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<tr>
<td>Andrew Brooke</td>
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<th>Version issue date</th>
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Document Management

Revision History

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<tr>
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<tr>
<td>0.1</td>
<td>31-Jan-2014</td>
<td>First draft for review</td>
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<td>0.2</td>
<td>28-Feb-2014</td>
<td>Incorporates changes suggested during first review</td>
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<tr>
<td>0.3</td>
<td>18-Mar-2014</td>
<td>Changed to draft and section 1.4 added</td>
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<tr>
<td>0.4</td>
<td>18-Aug-2014</td>
<td>Removed consultation section, deleted text explaining 5th edition is a working title, removed draft and added changes for codes D46.0 and D46.1 to list of changes</td>
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<td>27-Aug-2014</td>
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<td>1.2</td>
<td>30-Mar-2015</td>
<td>Added Annex A and section 2.1 Removal of Morphology of Neoplasms tables</td>
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<td>1.3</td>
<td>14-Apr-2015</td>
<td>Added section 2.2 Removal of Apostrophe S</td>
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<td>14-Apr-2015</td>
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<td>08-Jul-2015</td>
<td>Removed section 1.4 Consultation and updated section 2.1 Removal of morphology of neoplasms</td>
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<td>1.6</td>
<td>10-Jul-2015</td>
<td>Version submitted for approval</td>
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Reviewers

This document must be reviewed by the following people: author to indicate reviewers

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<td>Hazel Brear</td>
<td>Senior Classifications Manager</td>
<td>18-Feb-2014</td>
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<tr>
<td>Ruth Toner</td>
<td>Classifications Development and QA Specialist</td>
<td>19-Feb-2014</td>
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Approved by
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<tr>
<td>Lynn Bracewell</td>
<td>Lynn Bracewell</td>
<td>Head of Terminology and Clinical Classifications</td>
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**Glossary of Terms**

<table>
<thead>
<tr>
<th>Term / Abbreviation</th>
<th>What it stands for</th>
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<tr>
<td>CCS</td>
<td>The Clinical Classifications Service is part of the Information Standards Delivery directorate within the Health and Social Care Information Centre and is responsible for the development of ICD-10 for UK implementation.</td>
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<tr>
<td>OPCS-4</td>
<td>The OPCS Classification of Interventions and Procedures is a UK classification used for classifying operations and surgical procedures. The classification is an existing NHS Information Standard and the current version mandated for Admitted Patient Care Datasets is OPCS-4.6.</td>
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<tr>
<td>DH</td>
<td>Department of Health is a Government department which exists to improve the health and wellbeing of people in England. It provides health and social care policy, guidance and publications.</td>
</tr>
<tr>
<td>QA</td>
<td>Quality Assurance is an independent check that products will be fit for purpose or meet requirements (Source: OGC).</td>
</tr>
<tr>
<td>WHO</td>
<td>World Health Organisation is the directing and coordinating authority for health within the United Nations system. It is responsible for providing leadership on global health matters, shaping the health research agenda, setting norms and standards, articulating evidence-based policy options, providing technical support to countries and monitoring and assessing health trends.</td>
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<tr>
<td>ISO 9001</td>
<td>ISO 9001 is the internationally recognised standard for the quality management of businesses.</td>
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</table>
| ISO 9001: 2008      | - applies to the processes that create and control the products and services an organisation supplies  
                      - prescribes systematic control of activities to ensure that the needs and expectations of customers are met  
                      - is designed and intended to apply to virtually any product or service, made by any process anywhere in the world |

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- Chapter XIV – Diseases of the genitourinary system
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1 Introduction

ICD-10 is an NHS Information Standard implemented on 1 April 1995, with subsequent updates implemented by the NHS on 1 April 2004, referred to as ICD-10 Reprinted (with updates and corrections) 2000 and on 1 April 2012 referred to as ICD-10 4th Edition. All NHS consultant episodes (hospital provider) that contain diagnoses must be recorded to the mandated version of ICD-10.

The International Statistical Classification of Diseases and Related Health Problems – Tenth Revision (ICD-10), is produced by the World Health Organisation (WHO). The changes provided by WHO constitute updates to the classification to provide improved classification of medical conditions. The update is referred to as ICD-10 5th Edition and includes the WHO cumulative changes up to and including those with a WHO implementation date of January 2016.

1.1 Purpose

This document provides a summary of core changes proposed to the codes and descriptions contained in the Volume 1 Tabular List in ICD-10 4th Edition to create ICD-10 5th Edition.


The Information Standards Notice (ISN) describes the mandate for NHS and NHS supplier implementation and is available on the SCCI website.

Information about the ICD-10 update is available at:
http://systems.hscic.gov.uk/data/clinicalcoding/codingstandards/icd10/ICD10Updates

1.2 Audience

This document is aimed at clinical coding and other health information professionals, healthcare providers and suppliers that build /update software to support NHS business functions and interoperability.

1.3 World Health Organisation copyright

The WHO is the copyright holder of ICD-10 which is used under licence for United Kingdom government purposes.


1.4 ICD-10 5th Edition Deferral

The ICD-10 5th Edition was originally planned for implementation on 1 April 2015 but was deferred until 2016 in order to incorporate further changes issued by the World Health Organisation. For more information see: http://systems.hscic.gov.uk/data/clinicalcoding/codingstandards/icd10/icd10updates

The ICD-10 5th Edition release on 1 April 2016 and this summary of changes will include the changes originally agreed for release on 1 April 2015 and the additional changes agreed for release by WHO on 1 April 2016.
1.5 Deferred changes

In 2003 the World Health Organisation (WHO) Update Revision Committee agreed that ‘place of occurrence’ codes should be separated from the three-character Chapter XX code. Following this agreement ICD-10 4th Edition introduced new fourth-character subcategory codes at X34 Victim of earthquake and X59 Exposure to unspecified factor (and subsequently new fourth-character subcategory codes at W26 Contact with other sharp object(s) which will be introduced in the 5th Edition). Current NHS practice is to add a fourth-character to these three-character codes in order to identify the ‘place of occurrence’ of an injury (see pages 893 to 896 of ICD-10 4th Edition Volume 1, Tabular List). The re-use of the fourth-character is incompatible with data already held under X34 and X59 (and W26). Going forward, this re-use of the fourth-character could impact any of the codes in the range W00-Y34.

Following consultation with the home countries and the former NHS Information Centre for health and social care it was agreed to defer implementation of these fourth-character subcategories.

Note: The change to the three character category code description at W26 has been included in the list of changes, but the addition of the fourth-character subcategories have not.

2. Core changes to ICD-10 4th Edition

The summary provides WHO changes to the codes and descriptions contained in the ICD-10 Volume 1 Tabular List and specifically the section titled ‘Tabular list of inclusions and four-character subcategories’.

This summary list does not reflect changes made to the introduction, excludes, includes, code ranges or notes at chapter or individual code level within this section or to other sections of ICD-10 Volume 1, ICD-10 Volume 2 Instruction manual or the Volume 3 Alphabetical index.

It is therefore unsafe to use this information to assign codes or to annotate existing ICD-10 books, as it does not reflect all changes made to produce ICD-10 5th Edition.

Core changes, by chapter, to the ICD-10 Volume 1 Tabular List of inclusions and four-character subcategories are identified as follows:

- New code(s) and description are underlined
- Codes and words in ICD-10 4th Edition that have been deleted in ICD-10 5th Edition are shown by a strike through
- Words that have been added in ICD-10 5th Edition are underlined.

Note: Only chapters that contain changes have been included.

2.1 Removal of Morphology of Neoplasms

The WHO have removed Morphology of Neoplasm codes form the ICD-10 5th Edition (Volume 1-3). The removed morphology codes have not been included in Section 3 Changes as the morphology codes (listed in ICD-10) are not part of the ICD-10 NHS Information standard in England.
2.2 Removal of Apostrophe

The WHO removed apostrophes from a number of code descriptions within the ICD-10 4th Edition printed books (for example K50 Crohn’s disease [regional enteritis]). However the WHO did not remove the apostrophe from the source data used to create the ICD-10 4th Edition data files published on TRUD. All deleted apostrophes notified by WHO will be removed from the 5th Edition data files.

There are approximately 170 changes to code descriptions which feature the removal of the apostrophe only; these codes have not been included in this document.

2.3 Presentation of change

This Summary of Changes is based on a classification perspective. This means that cursory comparisons of a number of changes from other sources may give spurious results.

Distortion may arise because clear-cut changes that are applicable to a category and its subcategories are reported once. See E10: although the deletion of “Insulin-dependent” and the addition of “Type 1” applies to E10 and all its subcategories, it is listed only once, at E10. The same applies for E11.

The above convention retains the coding impact of the changes that otherwise might be lost in repetitious entries or incorrect interpretation of the classification.

Note: The changes that have been added to this summary that were not included in the summary of changes for the intended release on 1 April 2015 have been identified by the presence of Δ after the code description in Section 3 Changes. These codes are also included as a separate list in Annex A.
3 Changes

Chapter I – Certain infections and parasitic diseases

A06.4† Amoebic liver abscess (K77.0*) △
A49.1 Streptococcal and enterococcal infection, unspecified site △
A90 Dengue fever [classical dengue]
A91 Dengue haemorrhagic fever
A97 Dengue
A97.0 Dengue without warning signs
A97.1 Dengue with warning signs
A97.2 Severe Dengue
A97.9 Dengue, unspecified △
B35.6 Tinea inguinalis [Tinea cruris] △
B95.2 Streptococcus, group D, and enterococcus as the cause of diseases classified to other chapters △

Chapter II – Neoplasms

C80.9 Malignant neoplasm, primary site unspecified
C81.1 Nodular sclerosis (classical) Hodgkin lymphoma
C81.2 Mixed cellularity (classical) Hodgkin lymphoma
C81.3 Lymphocyte depleted (classical) Hodgkin lymphoma
C81.4 Lymphocyte-rich (classical) Hodgkin lymphoma
C81.7 Other (classical) Hodgkin lymphoma
C91.5 Adult T-cell lymphoma/leukaemia {[HTLV-1-associated]}
D46.0 Refractory anaemia without ringed sideroblasts, so stated
D46.1 Refractory anaemia with ringed sideroblasts
D46.2 Refractory anaemia with excess of blasts [RAEB]

Chapter IV – Endocrine, nutritional and metabolic diseases

E10 Insulin-dependent Type 1 diabetes mellitus
E11 Non-Insulin-dependent Type 2 diabetes mellitus
Chapter VI – Diseases of the nervous system

G23.2 Striatonigral degeneration Multiple system atrophy, parkinsonian type [MSA-P]
G23.3 Multiple system atrophy, cerebellar type [MSA-C]
G83.5 Locked-in syndrome
G90.3 Multi-system degeneration

Chapter IX – Diseases of the circulatory system

I25.4 Coronary artery aneurysm and dissection
I48.0 Paroxysmal atrial fibrillation
I48.1 Persistent atrial fibrillation
I48.2 Chronic atrial fibrillation
I48.3 Typical atrial flutter
I48.4 Atypical atrial flutter
I48.9 Atrial fibrillation and atrial flutter, unspecified
I72.6 Aneurysm and dissection of vertebral artery
I84 Haemorrhoids
I84.0 Internal thrombosed haemorrhoids
I84.1 Internal haemorrhoids with other complications
I84.2 Internal haemorrhoids without complication
I84.3 External thrombosed haemorrhoids
I84.4 External haemorrhoids with other complications
I84.5 External haemorrhoids without complication
I84.6 Residual haemorrhoidal skin tags
I84.7 Unspecified thrombosed haemorrhoids
I84.8 Unspecified haemorrhoids with other complications
I84.9 Unspecified haemorrhoids without complication

Chapter X – Diseases of the respiratory system

J09 Influenza due to identified Avian zoonotic or pandemic influenza virus
J10    Influenza due to other identified seasonal influenza virus

J10.0  Influenza with pneumonia, other seasonal influenza virus identified

J10.1  Influenza with other respiratory manifestations, other seasonal influenza virus identified

J10.8  Influenza with other manifestations, other seasonal influenza virus identified

J15.6  Pneumonia due to other aerobic Gram-negative bacteria

J96.00 Acute respiratory failure; Type I [hypoxic]

J96.01 Acute respiratory failure; Type II [hypercapnic]

J96.09 Acute respiratory failure; Type unspecified

J96.10 Chronic respiratory failure; Type I [hypoxic]

J96.11 Chronic respiratory failure; Type II [hypercapnic]

J96.19 Chronic respiratory failure; Type unspecified

J96.90 Respiratory failure, unspecified; Type I [hypoxic]

J96.91 Respiratory failure, unspecified; Type II [hypercapnic]

J96.99 Respiratory failure, unspecified; Type unspecified

Chapter XI – Diseases of the digestive system

K02.5  Caries with pulp exposure

K30    Dyspepsia Functional dyspepsia

K43.0  Ventral Incisional hernia with obstruction, without gangrene

K43.1  Ventral Incisional hernia with gangrene

K43.2  Incisional hernia without obstruction or gangrene

K43.3  Parastomal hernia with obstruction, without gangrene

K43.4  Parastomal hernia with gangrene

K43.5  Parastomal hernia without obstruction or gangrene

K43.6  Other and unspecified ventral hernia with obstruction, without gangrene

K43.7  Other and unspecified ventral hernia with gangrene

K43.9  Other and unspecified ventral hernia without obstruction or gangrene

K64    Haemorrhoids and perianal venous thrombosis

K64.0  First degree haemorrhoids

K64.1  Second degree haemorrhoids

K64.2  Third degree haemorrhoids

K64.3  Fourth degree haemorrhoids
K64.4  Residual haemorrhoidal skin tags  
K64.5  Perianal venous thrombosis  
K64.8  Other specified haemorrhoids  
K64.9  Haemorrhoids, unspecified  

Chapter XII – Diseases of the skin and subcutaneous tissue  

L41.2  Lymphomatoid papulosis  
L70.5  Acné excoriée des jeune filles  
L98.7  Excessive and redundant skin and subcutaneous tissue  

Chapter XIV – Diseases of the genitourinary system  

N28.1  Cyst of kidney, acquired  

Chapter XV – Pregnancy, childbirth and the puerperium  

O11  Pre-existing hypertensive disorder with eclampsia superimposed proteinuria on chronic hypertension  
O13  Gestational [pregnancy-induced] hypertension without significant proteinuria  
O14  Gestational [pregnancy-induced] hypertension with significant proteinuria Pre-eclampsia  
O14.0  Mild to Moderate pre-eclampsia  
O22  Venous complications and haemorrhoids in pregnancy  
O24.0  Pre-existing type 1 diabetes mellitus, Insulin-dependent  
O24.1  Pre-existing type 2 diabetes mellitus, Non-Insulin-dependent  
O71.4  Obstetric high vaginal laceration alone  
O87  Venous complications and haemorrhoids in the puerperium  
O96.0  Death from direct obstetric cause occurring more than 42 days but less than one year after delivery  
O96.1  Death from indirect obstetric causes occurring more than 42 days but less than one year after delivery  
O96.9  Death from unspecified obstetric cause occurring more than 42 days but less than one year after delivery
O98.7 Human immunodeficiency virus [HIV] disease complicating pregnancy, childbirth and the puerperium

Chapter XVI – Certain conditions originating in the perinatal period

P52.2 Intraventricular (nontraumatic) haemorrhage, grade 3 and grade 4, of fetus and newborn
P91.7 Acquired hydrocephalus of newborn Δ

Chapter XVIII – Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified

R95.0 Sudden infant death syndrome with mention of autopsy
R95.9 Sudden infant death syndrome without mention of autopsy

Chapter XIX – Injury, poisoning and certain other consequences of external causes

S61.9 Open wound of wrist and hand-part, part unspecified
S79 Other and unspecified injuries of hip and thigh

Chapter XX – External causes of morbidity and mortality

W26 Contact with knife, sword or dagger other sharp object(s)

Chapter XXI – Factors influencing health status and contact with health services

Z22.5 Carrier of viral hepatitis Δ
Z45.0 Adjustment and management of cardiac pacemaker devices
Z91.7 Personal history of female genital mutilation
Z95.0 Presence of electronic cardiac pacemaker devices
Z99.4 Dependence on artificial heart
Chapter XXII – Codes for special purposes

U06  Emergency use of U06
U06.0  Emergency use of U06.0
U06.1  Emergency use of U06.1
U06.2  Emergency use of U06.2
U06.3  Emergency use of U06.3
U06.4  Emergency use of U06.4
U06.5  Emergency use of U06.5
U06.6  Emergency use of U06.6
U06.7  Emergency use of U06.7
U06.8  Emergency use of U06.8
U06.9  Emergency use of U06.9
U07  Emergency use of U07
U07.0  Emergency use of U07.0
U07.1  Emergency use of U07.1
U07.2  Emergency use of U07.2
U07.3  Emergency use of U07.3
U07.4  Emergency use of U07.4
U07.5  Emergency use of U07.5
U07.6  Emergency use of U07.6
U07.7  Emergency use of U07.7
U07.8  Emergency use of U07.8
U07.9  Emergency use of U07.9
U80  Agent resistant to penicillin and related antibiotics
U80.0  Penicillin resistant agent
U80.1  Methicillin-resistant agent
U80.8  Agent resistant to other penicillin-related antibiotic
U81  Agent resistant to vancomycin and related antibiotics
U81.0  Vancomycin-resistant agent
U81.8  Agent resistant to other vancomycin-related antibiotic
U82  Resistance to betalactam antibiotics
U82.0  Resistance to penicillin
U82.1 Resistance to methicillin
U82.2 Extended spectrum betalactamase (ESBL) resistance
U82.8 Resistance to other betalactam antibiotics
U82.9 Resistance to betalactam antibiotics, unspecified
U83 Resistance to other antibiotics
U83.0 Resistance to vancomycin
U83.1 Resistance to other vancomycin related antibiotics
U83.2 Resistance to quinolones
U83.7 Resistance to multiple antibiotics
U83.8 Resistance to other single specified antibiotic
U83.9 Resistance to unspecified antibiotic
U84 Resistance to other antimicrobial drugs
U84.0 Resistance to antiparasitic drug(s)
U84.1 Resistance to antifungal drug(s)
U84.2 Resistance to antiviral drug(s)
U84.3 Resistance to tuberculostatic drug(s)
U84.7 Resistance to multiple antimicrobial drugs
U84.8 Resistance to other specified antimicrobial drug
U84.9 Resistance to unspecified antimicrobial drugs
U85 Resistance to antineoplastic drugs
U88 Agent resistant to multiple antibiotics
U89 Agent resistant to other and unspecified antibiotics
U89.8 Agent resistant to other single specified antibiotic
U89.9 Agent resistant to unspecified antibiotic
4 Annex A

The following codes are those that have been added to this summary that were not included in the summary of changes for the intended release on 1 April 2015. These codes are also identified in Section 3 Changes by the presence of Δ.

**Chapter I – Certain infections and parasitic diseases**

- A06.4† Amoebic liver abscess (K77.0*)
- A49.1 Streptococcal and enterococcal infection, unspecified site
- A97.9 Dengue, unspecified
- B35.6 Tinea inguinalis [Tinea cruris]
- B95.2 Streptococcus, group D, and enterococcus as the cause of diseases classified to other chapters

**Chapter VI – Diseases of the nervous system**

- G23.2 Striatonigral degeneration, Multiple system atrophy, parkinsonian type [MSA-P]
- G23.3 Multiple system atrophy, cerebellar type [MSA-C]
- G90.3 Multi-system degeneration

**Chapter X – Diseases of the respiratory system**

- J09 Influenza due to identified Avian zoonotic or pandemic influenza virus
- J10 Influenza due to other identified seasonal influenza virus
- J10.0 Influenza with pneumonia, other seasonal influenza virus identified
- J10.1 Influenza with other respiratory manifestations, other seasonal influenza virus identified
- J10.8 Influenza with other manifestations, other seasonal influenza virus identified

**Chapter XVI – Certain conditions originating in the perinatal period**

- P91.7 Acquired hydrocephalus of newborn
Chapter XXI – Factors influencing health status and contact with health services

Z22.5 Carrier of viral hepatitis