

24. Informationstagung Tumordokumentation und Krebsregistrierung

Plenum II

Grundlagen der Tumordokumentation – Was ist neu?

Revision 2019 der ICD-O-3

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Virtuell per Webex, 15.09.2021



Internationale Klassifikation der Krankheiten für die Onkologie

Dritte Ausgabe, Zweite Revision 2019, mit Aktualisierung vom 29.01.2021

1. Revision der ICD-O-3.2 (IACR/WHO)
2. Prozess zur deutschen Übersetzung
3. Änderungen gegenüber ICD-O-3.1
4. Inkrafttreten der ICD-O-3.2
5. Zukünftiger Revisionsprozess zur ICD-O
6. Zukünftig ICD-O und/oder ICD-11?

Kode-Suche in
ICD-O-3 Zweite Revision

Drei-, Vier- oder
Fünfsteller:

Übersicht über die Kapitel
Topographie
Morphologie

Übersicht über die Kapitel

Kapitel	Gliederung	Titel
I	C00-C80	Topographie
M	800-999	Morphologie

Kapitel T Topographie (C00-C80)

Dieses Kapitel gliedert sich in folgende Gruppen:

C00-C14	Lippe, Mundhöhle und Pharynx
C15-C26	Verdauungsorgane
C30-C39	Atemwege [Respirationstrakt] und intrathorakale Organe
C40-C41	Knochen, Gelenke und Gelenkknorpel
C42-C42	Hämatopoetisches und retikuloendotheliales System
C44-C44	Haut
C47-C47	Periphere Nerven und autonomes Nervensystem
C48-C48	Retroperitoneum und Peritoneum
C49-C49	Bindegewebe, Subkutangewebe und sonstige Weichteile
C50-C50	Brust [Mamma]
C51-C58	Weibliche Geschlechtsorgane
C60-C63	Männliche Geschlechtsorgane
C64-C68	Harntrakt
C69-C72	Auge, Gehirn und sonstige Teile des Zentralnervensystems
C73-C75	Schilddrüse und sonstige endokrine Drüsen
C76-C80	Anderer oder mangelhaft bezeichneter Sitz

Kapitel M Morphologie (800-999)

Dieses Kapitel gliedert sich in folgende Gruppen:

800-800	Neoplasien o.n.A.
801-804	Epitheliale Neoplasien o.n.A.
805-808	Plattenepithelneoplasien
809-811	Basalzellneoplasien
812-813	Übergangszellpapillome und -karzinome
814-838	Adenome und Adenokarzinome
839-842	Neoplasien der Haut und der Hautanhangsgebilde
843-843	Mukoepidermoide Neoplasien
844-849	Zystische, muzinöse und seröse Neoplasien
850-854	Duktile und lobuläre Neoplasien
855-855	Azinuszellneoplasien
856-857	Komplexe epitheliale Neoplasien
858-858	Epitheliale Neoplasien des Thymus
859-867	Spezielle Neoplasien der Gonaden
868-871	Paragangliome und Stromatumoren
872-879	Nävi und Melanome
880-880	Weichteiltumoren und Sarkome o.n.A.

1. Revisionsprozess zur ICD-O-3.2 (IACR/WHO)



The screenshot shows the IACR (International Association of Cancer Registries) website. The header includes the IACR logo and navigation links: Home, About IACR, Membership, Support for registries, Annual Meetings, and Publications. The breadcrumb trail indicates the path: Home > Support for registries > International Classification of Diseases for Oncology (ICD-O). The main content area is titled 'ICD-O' and 'INTERNATIONAL CLASSIFICATION OF DISEASES FOR ONCOLOGY (ICD-O)'. It mentions the third edition edited by A. Fritz, C. Percy, A. Jack, K. Shanmugaratnam, L. Sobin, D.M. Parkin, and S. Whelan. A note states: 'Please consult the previous versions online and the new links for ICD-O (2nd revision) as follows:'. Below this, there are links for 'ICD-O 3' and 'ICD-O 3 (1st rev)'. The section 'ICD-O-3.2' is highlighted, with an update notice dated January 25, 2021, stating that the preparation of the ICD-O-3.2 book (pdf) is with the WHO Publications, and updates will be posted on this page and via email announcement to registries. A thank you note follows, mentioning that after posting documents online in November 2019, minor updates were made, including adding missing codes to the list of changes document and adding the ICD-O-3.2 version of the morphological groups used to define multiple primary tumours. The latest versions of these documents can be accessed from the list (ICD-O3.2 TABLES) below.

- **Editorial Boards der IARC** überarbeiten fortlaufend die medizinisch-wissenschaftliche Klassifikation der Neubildungen
 - Veröffentlichung als „**Blue Books**“
<https://whobluebooks.iarc.fr/>
- Grundlage der Überarbeitung der ICD-O durch **IARC/IACR** im Auftrag der WHO
- Bereitstellung von Updatedokumenten durch **IARC/IACR** (2019 und revidiert 2020)
- **Veröffentlichung** der offiziellen internationalen Fassung der **ICD-O 3.2 als PDF und Buch** durch **WHO** (liegt beides noch nicht vor)
 - **Problem:** Keine direkte Abstimmung zwischen den Updateprozessen zu ICD-O und ICD-10

2. Prozess zur deutschen Übersetzung

Status	Level	Histolog v	Behavio r	Term
New related term	Related	8013	3	Combined large cell neuroendocrine carcinoma
New related term	Related	8020	3	Carcinoma, poorly differentiated, NOS
New related term	Related	8020	3	Anaplastic undifferentiated carcinoma
New related term	Related	8020	3	Dedifferentiated carcinoma
New code and term	Preferred	8023	3	Nuclear protein in testis (NUT) associated carcinoma
New synonym	Synonym	8023	3	NUT carcinoma
New synonym	Synonym	8023	3	NUT midline carcinoma
New synonym	Synonym	8041	3	Small cell carcinoma pulmonary type
New related term	Related	8044	3	Small cell carcinoma, hypercalcemic type (C56.9)
New code and term	Preferred	8054	0	Warty dyskeratoma
Change of code (was 8051/3)	Preferred	8054	3	Warty carcinoma
Change of code (was 8051/3)	Synonym	8054	3	Condylomatous carcinoma
New related term	Related	8054	3	Warty-basaloid carcinoma
New behavior code and term	Preferred	8070	0	Actinic keratosis
New behavior code and term	Related	8070	0	Arsenical keratosis
New behavior code and term	Related	8070	0	PUVA keratosis
New behavior code and term	Preferred	8071	2	Differentiated intraepithelial neoplasia
New behavior code and term	Related	8071	2	Differentiated penile intraepithelial neoplasia (PeIN) (C60._)
New behavior code and term	Related	8071	2	Differentiated vulvar intraepithelial neoplasia (VIN) (C51._)
New related term	Related	8071	3	Keratoacanthoma
New code and term	Preferred	8072	0	Large cell acanthoma
New related term	Related	8074	3	Pseudovascular squamous cell carcinoma
New synonym	Synonym	8077	0	Low grade squamous intraepithelial lesion
New synonym	Synonym	8077	2	Squamous dysplasia, high grade
New synonym	Synonym	8077	2	High grade squamous intraepithelial lesion
Change of behavior code (from 0)	Synonym	8077	2	Squamous intraepithelial neoplasia, grade II

- Primärübersetzung durch BfArM
- Qualitätssicherung der Übersetzung mit Unterstützung durch RKI und Pathologie
- Inkonsistenzen zwischen IACR-Dokumenten
 - Änderungsliste versus „finaler“ Kodeliste mit Titeln und ergänzenden Informationen zu Synonymen, Subentitäten (Preferred Terms), Verweisschlüsseln, Kodierhinweisen und Kennzeichnung von obsoleten Begriffen
- Mehrfache Änderungen der Updatedokumente durch die IACR im laufenden Prozess (2019-2020)
 - Mehrere interne Reviews zur Qualitätssicherung und Anpassungen des Datenbestandes in der Produktionsumgebung des BfArM

3. Änderungen gegenüber ICD-O-3.1



ICD-O-3 Zweite Revision 2019 Aktualisierungsliste

Diese Aktualisierungsliste enthält die Änderungen in der Systematik Morphologie der ICD-O-3 Zweite Revision 2019 gegenüber der ICD-O-3 Erste Revision 2014.

Stand: 27. November 2020 mit Aktualisierung vom 29.01.2021

<https://www.dimdi.de/dynamic/de/klassifikationen/downloads/?dir=icd-o-3/revision2019/>



Übergangszellpapillome und -karzinome (812-813)

- 8120/0 ~~Benignes Übergangszellpapillom~~ Urothelpapillom o.n.A.
~~Benignes Übergangszellpapillom [obs.]~~
~~Hamblasenpapillom (C67.-)~~
~~Übergangspapillom [obs.]~~
~~Übergangszellpapillom o.n.A.~~
- 8120/4 ~~Urothelpapillom o.n.A.~~
~~Hamblasenpapillom (C67.-)~~
~~Übergangszellpapillom o.n.A.~~
- 8120/2 ~~Übergangszell-Carcinoma~~ Urothel-Carcinoma in situ
~~Übergangszell-Carcinoma in situ~~
~~Urothel-Carcinoma in situ~~
- 8120/3 ~~Übergangszellkarzinom o.n.A.~~
~~Urothelkarzinom o.n.A.~~
~~Squamöses Übergangszellkarzinom~~
~~Transitionalkarzinom~~
- 8121/0 ~~Schneider-Papillom~~ Exophytisches sinonasales Papillom o.n.A. (C30.0, C31.-)
~~Fungiformes sinonasales Papillom (C30.0, C31.-) [obs.]~~
~~Schneider-Papillom o.n.A. (C30.0, C31.-)~~
~~Sinonasales Papillom o.n.A. (C30.0, C31.-)~~
~~Exophytisches sinonasales Papillom (C30.0, C31.-)~~
~~Fungiformes sinonasales Papillom (C30.0, C31.-)~~
~~Invertiertes benignes Übergangszellpapillom~~
~~Invertiertes benignes Transitionalkarzinom~~
~~Invertiertes Transitionalkarzinom o.n.A.~~
~~Invertiertes Übergangszellpapillom o.n.A.~~
~~Invertiertes Urothelpapillom~~

3. Änderungen gegenüber ICD-O-3.1

The **IACR Working Group on ICD-O Updates**² has compiled a listing of additions, changes and revisions between ICD-O-3.1 and ICD-O-3.2 as a reference material for cancer registries.

These documents have been revised according to the comments received during the consultation period and the final tables are available for download here:

ICDO- THIRD EDITION, SECOND REVISION MORPHOLOGY

- A summary of the main changes
- Terms that are changing behaviour
- New codes and their terms
- Deleted codes and their terms
- Updated table: "Groups of malignant neoplasms considered to be histologically different for the purpose of defining multiple tumours" to be used with ICD-O-3.2 (The rest of the multiple primary rules remain unchanged.)

A LISTING OF ALL ADDITIONS, CHANGES AND REVISIONS TO THE ICD-O-3, 1ST REVISION (ICDO-O-3.1) FOR ICD-O-3.2

A summary of the main changes, and some smaller but tricky changes

Prepared by Mark Short, Cancer Data and Monitoring Unit, Australian Institute of Health and Welfare, with assistance from the Australasian Association of Cancer Registries.

Neuroendocrine tumours

Nearly all neuroendocrine tumours are now behaviour 3.

- In the 3-digit group 815 the only remaining non-malignant terms are under 8150/0.
- In the 3-digit group 824 the only remaining non-malignant terms are under 8245/1 and 8248/1.
- In the 3-digit group 868–870 the only remaining non-malignant term is under 8683/0.

Use of the word “carcinoma” with behaviour 1

Two terms that contain the word “carcinoma” have behaviour 1.

- 8323/1 Clear cell papillary renal cell carcinoma (C64.9) – This is a new term.
- 8335/1 Follicular carcinoma, encapsulated, NOS (C73.9) – This was /3 in 3.1.

http://www.iacr.com.fr/index.php?option=com_content&view=category&layout=blog&id=100&Itemid=577

4. Inkrafttreten der ICD-O-3.2

- **International**

- IACR **ICD-O-3.2 TABLES**

The IARC/WHO ICD-O Committee¹ has updated the draft ICD-O-3.1 classification, with new morphology codes and terms from the 4th series of WHO Classification of Tumours (Blue Books).

The new version, ICD-O-3.2, is recommended for use from 2020.

- Wird de facto in den Ländern unterschiedlich gehandhabt, wegen Übersetzung und Vorbereitung der Einführung (technisch und inhaltlich)

- **Deutschland**

- BfArM Nach Abstimmung mit RKI, Krebsregisterplattform nach §65c etc.:
01.01.2021

5. Zukünftiger Revisionsprozess zur ICD-O

IARC/IACR

ICD-O-4 (*Update as of January 25, 2021*)

With the new 5th edition of the Blue Books commencing (it will be completed by mid-2023), it is now the time for the IARC WHO Classification of Tumours Group to start creating new codes. Due to the lack of available codes for new morphological diagnoses in the current 4-digit morphology structure, **it is proposed for the next ICD-O edition (ICD-O-4) that a 5th digit will be added.**

This approach, with the addition of a "0" where there is no need for a more specific code, or other values if needed was chosen for the ease of conversion and consistency with ICD-O-3 (similar to a MOTNAC to ICD-O-1 conversion). Adding an additional digit to the existing four retains the needed consistency, including the possibility to collapse to previous versions, but will likely require minor changes in registry software, notification forms, etc.

As the previous IACR ICD-O Working Group has now concluded its work with ICD-O-3.2, **IACR will establish a new WG with global representation**, with a terms of reference that focuses on the required planning for the implementation of ICD-O-4 in cancer registries worldwide.

6. ICD-O und/oder ICD-11?

Wesentliche Änderungen gegenüber ICD-10

- Primärschlüssel mit neuer Struktur für Neubildungen
 - Aufhebung der primären Unterteilung nach Dignität für Tumore des Zentralnervensystems und des hämatopoetischen und lymphatischen Gewebes
- Erweiterungsschlüssel
 - Histopathologie analog ICD-O (aktuell 3.2)
 - Anatomie und Topographie
 - ...
- Cluster Coding
 - Informationseinheit aus mehreren Primär und/oder Erweiterungsschlüssel zur Beschreibung komplexer Diagnosen

ICD-11 for Mortality and Morbidity Statistics

Search ? [Advanced Search]

▼ ICD-11 for Mortality and Morbidity Statistics

- ▶ 01 Certain infectious or parasitic diseases
- ▶ 02 Neoplasms
- ▶ 03 Diseases of the blood or blood-forming organs
- ▶ 04 Diseases of the immune system
- ▶ 05 Endocrine, nutritional or metabolic diseases
- ▶ 06 Mental, behavioural or neurodevelopmental disorders
- ▶ 07 Sleep-wake disorders
- ▶ 08 Diseases of the nervous system
- ▶ 09 Diseases of the visual system
- ▶ 10 Diseases of the ear or mastoid process
- ▶ 11 Diseases of the circulatory system
- ▶ 12 Diseases of the respiratory system
- ▶ 13 Diseases of the digestive system
- ▶ 14 Diseases of the skin
- ▶ 15 Diseases of the musculoskeletal system or connective tissue
- ▶ 16 Diseases of the genitourinary system
- ▶ 17 Conditions related to sexual health
- ▶ 18 Pregnancy, childbirth or the puerperium
- ▶ 19 Certain conditions originating in the perinatal period
- ▶ 20 Developmental anomalies
- ▶ 21 Symptoms, signs or clinical findings, not elsewhere classified
- ▶ 22 Injury, poisoning or certain other consequences of external causes
- ▶ 23 External causes of morbidity or mortality
- ▶ 24 Factors influencing health status or contact with health services
- ▶ 25 Codes for special purposes
- ▶ 26 Supplementary Chapter Traditional Medicine Conditions - Module I
- ▶ V Supplementary section for functioning assessment
- ▶ X Extension Codes

- ▶ 01 Certain infectious or parasitic diseases
- ▼ 02 Neoplasms
 - ▶ Neoplasms of brain or central nervous system
 - ▶ Neoplasms of haematopoietic or lymphoid tissues
 - ▼ Malignant neoplasms, except primary neoplasms of lymphoid, haematopoietic, central nervous system or related tissues
 - ▼ Malignant neoplasms, stated or presumed to be primary, of specified sites, except of lymphoid, haematopoietic, central nervous system or related tissues
 - ▶ Malignant mesenchymal neoplasms
 - ▶ Malignant neoplasms of lip, oral cavity or pharynx
 - ▶ Malignant neoplasms of digestive organs
 - ▼ Malignant neoplasms of middle ear, respiratory or intrathoracic organs
 - ▶ 2C20 Malignant neoplasms of nasal cavity
 - ▶ 2C21 Malignant neoplasms of middle ear
 - ▶ 2C22 Malignant neoplasms of accessory sinuses
 - ▶ 2C23 Malignant neoplasms of larynx
 - ▶ 2C24 Malignant neoplasms of trachea
 - ▼ 2C25 Malignant neoplasms of bronchus or lung
 - 2C25.0 Adenocarcinoma of bronchus or lung
 - 2C25.1 Small cell carcinoma of bronchus or lung**
 - 2C25.2 Squamous cell carcinoma of bronchus or lung
 - 2C25.3 Large cell carcinoma of bronchus or lung
 - 2C25.4 Carcinoid or other malignant neuroendocrine neoplasms of bronchus or lung
 - 2C25.5 Unspecified malignant epithelial neoplasm of bronchus or lung
 - 2C25.Y Other specified malignant neoplasms of bronchus or lung

Bsp.: Kleinzelliges Lungenkarzinom

- ▶ 2C28 Malignant neoplasms of heart, mediastinum or non-mesothelioma of pleura
- ▶ 2C29 Malignant neoplasms of other or ill-defined sites in the respiratory system or intrathoracic organs
- 2C2Y Other specified malignant neoplasms of middle ear, respiratory or intrathoracic organs

2C25.1 Small cell carcinoma of bronchus or lung

Parent

2C25 Malignant neoplasms of bronchus or lung

Show all ancestors

Description

A highly aggressive subtype of lung carcinoma characterised by the presence of malignant small cells and necrosis. Metastatic disease is usually present at the time of diagnosis.

All Index Terms

- Small cell carcinoma of bronchus or lung
- small cell intermediate cell carcinoma of unspecified site
- small cell fusiform cell carcinoma of unspecified site
- Small cell bronchial carcinoma ⇒
- Small cell lung cancer ⇒

Hide index terms

Postcoordination ?

Add detail to **Small cell carcinoma of bronchus or lung**

Laterality (use additional code, if desired)

XK9J	Bilateral
XK8G	Left
XK9K	Right
XK70	Unilateral, unspecified

Specific anatomy (use additional code, if desired)

Search

Histopathology (use additional code, if desired)

Search

Has manifestation (use additional code, if desired)

MG30.10	Chronic cancer pain
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01 Certain infectious or parasitic diseases

02

Specific anatomy

Specific anatomy

XA57M6 Lung

XA9TC5 Main bronchus

XA4JA0 Carina

XA7EZ3 Right lung

XA2UD3 Left lung

XA90M2 Lobe of lung

XA2PV7 Connective tissue

XA61M6 Bronchus

XA5437 Bronchioles

XA5772 Alveoli

Histopathology

Histopathology

XH56X7 Carcinoma with osteoclast-like giant cells

XH63D2 Carcinoma, NOS

XH3XZ6 Giant cell and spindle cell carcinoma

XH1JZ2 Giant cell carcinoma

XH00N7 Glassy cell carcinoma

XH4QU2 Large cell carcinoma with rhabdoid phenotype

XH0NL5 Large cell neuroendocrine carcinoma

XH35G0 Pleomorphic carcinoma

XH92T7 Polygonal cell carcinoma

XH35M3 Pseudosarcomatous carcinoma

XH1YN3 Carcinoma, metastatic, NOS

XH8D74 Carcinomatosis

XH4P61 Epithelioma, malignant

XH45J4 Large cell carcinoma, NOS

XH1YY4 Carcinoma, undifferentiated, NOS

XH57U9 Carcinoma, anaplastic, NOS

XH2855 Nuclear protein in testis (NUT) associated carcinoma

XH3RZ4 Spindle cell carcinoma, NOS

XH0YB0 Small cell carcinoma, NOS

XH9SY0 Small cell neuroendocrine carcinoma

XH28J9 Oat cell carcinoma

XH3T00 Small cell carcinoma, fusiform cell

XH6GK0 Small cell carcinoma, intermediate cell

XH8ZR8 Small cell carcinoma, hypercalcaemic type

XH7YE3 Combined small cell carcinoma

XH0793 Combined small cell-adenocarcinoma

XH6FK9 Combined small cell-large cell carcinoma

- 2C24 Malignant neoplasms of heart, mediastinum or non-mesothelioma of pleura
- 2C25 Malignant neoplasms of other or ill-defined sites in the respiratory system or intrathoracic organs
 - 2C25.0 Adenocarcinoma
 - 2C25.1 Small cell carcinoma
 - 2C25.2 Squamous carcinoma
 - 2C25.3 Large cell carcinoma
 - 2C25.4 Carcinoma of unspecified type
 - 2C25.5 Unspecified carcinoma
 - 2C25.Y Other specified malignant neoplasms of middle ear, respiratory or intrathoracic organs

Bsp.: Kleinzelliges Lungenkarzinom

- 2C28 Malignant neoplasms of heart, mediastinum or non-mesothelioma of pleura
- 2C29 Malignant neoplasms of other or ill-defined sites in the respiratory system or intrathoracic organs
- 2C2Y Other specified malignant neoplasms of middle ear, respiratory or intrathoracic organs

2C25.1 Small cell carcinoma of bronchus or lung

Parent

2C25 Malignant neoplasms of bronchus or lung

Show all ancestors

Description

A highly aggressive subtype of lung carcinoma characterised by the presence of malignant small cells and necrosis. Metastatic disease is usually present at the time of diagnosis.

Postcoordination ?

2C25.1 Small cell carcinoma of bronchus or lung

Code: 2C25.1&XA9TC5&XK8G&XH3T00

Specific anatomy

XA9TC5 Main bronchus

Laterality

XK8G Left

Histopathology

XH3T00 Small cell carcinoma, fusiform cell

Postcoordination ?

Add detail to Small cell carcinoma of bronchus or lung

Laterality (use additional code, if desired)

XK9J Bilateral

XK8G Left

XK9K Right

XK70 Unilateral, unspecified

Specific anatomy (use additional code, if desired)

Search

Histopathology (use additional code, if desired)

Search

Has manifestation (use additional code, if desired)

MG30.10 Chronic cancer pain

6. Zukünftig ICD-O und/oder ICD-11?

- **Grundsätzliche Intentionen der WHO**
 - Zusammenführung und Vereinheitlichung des Systems der internationalen Klassifikationen, Terminologien und Standards
 - Benutzerfreundliche Integration der verschiedenen Systeme auf Anwendungsebene
 - Möglichst einheitliche, technische Plattform zur Pflege, Weiterentwicklung und Bereitstellung der WHO-Klassifikationen
 - Abstimmung der Updateprozesse um Inkonsistenzen zu vermeiden
 - Verlinkung mit WHO-fremden Kodiersystemen (Nomenklaturen, Terminologien, Ontologien)

6. Zukünftig ICD-O und/oder ICD-11?

- **Braucht es noch eine separate ICD-O-4?**
 - Sind Struktur und Spezifität der Entitäten der ICD-11 ausreichend?
 - Welche Vorteile bringt die integrierte Anwendung?
 - Welche Herausforderungen stellen sich damit?
 - Welche Anpassung sind erforderlich (ICD-11, Krebsregistrierung, Reporting etc.)?
 - ...?
- **Interesse der WHO an internationalem Projekt zum Einsatz der ICD-11 im Bereich Tumordokumentation und Krebsregistrierung**
 - Gibt es Interessierte in Deutschland?

Vielen Dank für Ihre Aufmerksamkeit!



Kontakt

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