# ICD O CODE IN CANCER REGISTRY

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#### Data source

#### Pathology report:

 $\boldsymbol{A}$ . the pathologic specimen from the surgical procedure

B. Cytology report:

From body fluids (bone marrow, PBS,pleural...)

#### No pathology or cytology report:

The mention of type of cancer (histology) in the medical record (Clinics, Imaging center, dead certificate...).

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#### **ICD-O 3rd Edition**

ICD-0-3 Manual Format

Instructions

Structure and Format of ICD-0-3

Numerical list for Topography, page 43

Numerical list for Morphology, page 69

Alphabetic Index, page 105

Appendices

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Topography Codes (C codes)

✓ Site of origin ✓ Subsite C00- C80.9



Upper inner

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Special rules in topography

#### C76/-

Ill define site

If a topographic site is modified

by a prefix such as peri-, para- or the like, which is not specifically listed in ICD-O, code to the appropriate ill-defined subcategory C76 (ill-defined site), unless the type of tumor indicates origin from a particular tissue.

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#### Overlappings

Tumors involving more than one topographic category or subcategory Use subcategory "8" when a single tumor overlaps the boundaries of two or more categories or subcategories and its point of origin cannot be determined

**C21.8** Overlapping lesion of rectum, anus and anal canal

 $\hfill \Box$  C67.8 Overlapping lesion of bladder

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#### Topography codes for lymphomas

- ✓ If multiple lymph node regions are involved by lymphoma, code to C77.8
- ✓ Code extranodal lymphomas to the site of origin, which may not be the site of Biopsy
- ✓ If no site is indicated for a lymphoma, code to C77.9 (lymph node, NOS)

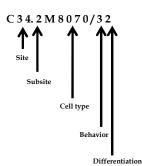
Code all leukemias except myeloid sarcoma (9930/3) to C42.1(bone marrow)

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- Morphology Codes (M codes)
- M8000-M9989
  - ☐ Type of cell (first 4 digit)
- ☐ Behavior(5<sup>th</sup> digit)
- □ Grade(6<sup>th</sup> digit)

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#### Behavior code in morphology (5th digit)

- √ /0 Benign
- $\checkmark$  /1 Uncertain whether benign or malignant; borderline
- √ /2 In situ; non-invasive
- ✓ /3 Malignant; Invasive
- ✓ /6 Malignant; metastatic site
- ✓ /9 Malignant, uncertain whether primary or metastatic
- ✓ Note: 6 not used in cancer registery

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Liver biopsy:

Metastatic Adenocarcinoma

If patient is known case of lung Adenocarcinoma

C34.9 M-8140/3

If unknown primary site

C80.9 M8140/3

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TABLE 27. WHO GRADING SYSTEM (MALIGNANCY SCALE) FOR CENTRAL NERVOUS SYSTEM TUMORS

Tumor Type to be Coded	WHO Grade	iCD-O Code	ICD-O Behavior Code (5th digit)
Astrocytic tumors (Astrocytoma)			
Subependymal glant cell	1 1	9384	1
Pilocytic		9421	1 1
Low grade	l II	9400	3
Pleomorphic xanthoastrocytoma	11-111	9424	3
Anaplastic		9401	3
Glioblastoma	IV	9440	3
Oligodendrogliomas			
Low grade		9450	3
Anaplastic	iii	9451	3
Oligoastrocytomas			
Low grade	! !!	9382	. 3
Anaplastic	l iii	9382	3

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6th digit: Differentiation

- ✓ 1: well differentiation
- ✓ 2: moderately differentiation
- ✓ 3: poorly differentiation
- ✓ 4: Undifferentiation, anaplastic
- ✓ 5: T-cell
- ✓ 6: B cell
- ✓ 7:Null cell (Non T Non B)
- ✓ 8: NK cell
- ✓ 9: Not determined

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Gleason grade for Prostate cancer

Gleason grade	6 <sup>th</sup> digit code
2-4	1
5-7	2
8-10	3

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- Squamous cell carcinoma, grade II
- Squamous cell carcinoma, moderately to well differentiated

#### 8070/32

■ MD SCC with PD areas

8070/33

Anaplastic SCC

8070/34

The most error

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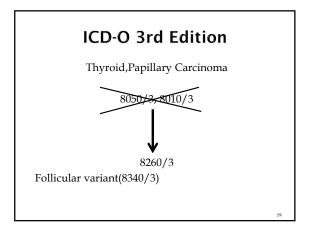
- ✓ No coding
- $\checkmark$  6th digit of M code
- $\checkmark$  C code of gastric cancer: 16/1 to 16/9
- ✓ C code of skin cancer: 44/1 to 44/9 except penis(60/9) and vulva(51/9) and scrotum(63/2)
- $\checkmark$  C code of colon cancer: 18/1 to 18/9
- ✓ C code of metastatic tumor (80/9)

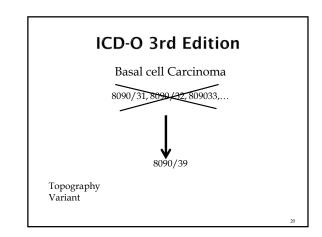
**ICD-O 3rd Edition** 

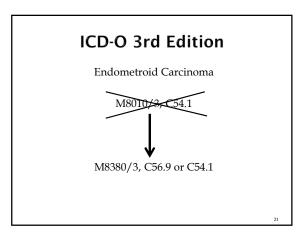
- ✓ *Non-small cell carcinoma, most* likely adenocarcinoma. Code: adenocarcinoma.
- ✓ SCC(8070/3), SCC Keratinizing type(8071/3), SCC non- keratinizing(8072/3)

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# **ICD-O 3rd Edition** √ Undifferentiated carcinoma: 8020/34 ✓ Anaplastic carcinoma: M8021/34 Malignant neoplasm: 8000/39 ✓ Neoplasm malignant, uncertain whether primary or metastatic: 8000/99 ✓ Spindle cell malignant tumor: 8004/39

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These terms don't need ICD O code in pap smear

- ✓ Sugggestive for malignancy ✓ suspicious for malignancy ✓ CIN II, CIN I

- ✓ LSIL (Low grade squamous intraepithelial lesion)

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#### These term need to ICD O code

- ✓ CINIII(Cervical intraepithelial neoplasia, gradeIII)
- HSIL (high grade squamouas intraepithelial lesion)
- Posititive for malignancy
- Consistent with malignancy
- Compatible with malignancy
- Malignant cells
- Malignant spindle cells