



ICD-O 3rd Edition

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◆ Why ICD-0

- Uniform site/type categories within your registry
- Data comparisons worldwide
- Need to know for Certified Tumor Registrar Certification examination
- ICD-O-3 used for cases diagnosed 1/1/2001 and forward



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◆ ICD-O-3 Manual format

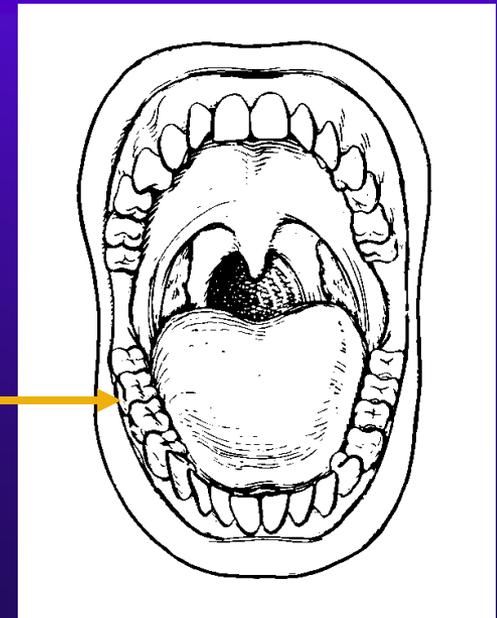
- Instructions
- Numerical list for topography
- Numerical list for morphology
- Alphabetic index
- Differences in morphology codes between 2nd and 3rd editions

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◆ Look at C03.9

- Note that:
- Decimal point indicates subdivision of 3-digit number
- **BOLD TYPE** is preferred term
 - Synonyms are indented

Gum, NOS C03.9





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◆ Look at M-8290/3

– Oxyphilic adenocarcinoma describes all morphologies that fit code M-8290/3

- Onocytic carcinoma
 - Onocytic adenocarcinoma
- } **synonyms**

Equivalent terms

- Hurtle cell carcinoma (C73.9)
 - Hurtle cell adenocarcinoma (C73.9)
 - Follicular carcinoma, oxyphilic cell (C73.9)
- }



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- ◆ Format of Alphabetic Index
 - Words that appear as part of 3 or more terms are in **bold type**
 - Tumor-like lesions appear in appropriate alphabetical order
 - Specific SNOMED codes were omitted



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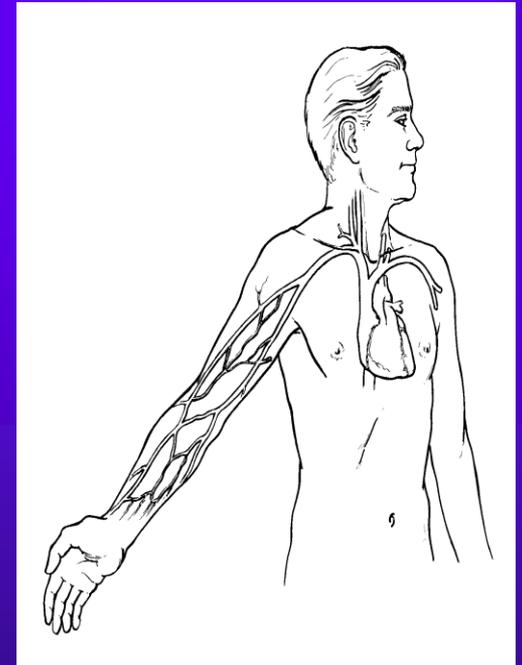
◆ Principle Rules

- Rule A: If the diagnosis does not specify the tissue of origin, code the appropriate tissues suggested in the alphabetic index for each ill-defined site in preference to the “NOS” category

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◆ Arm

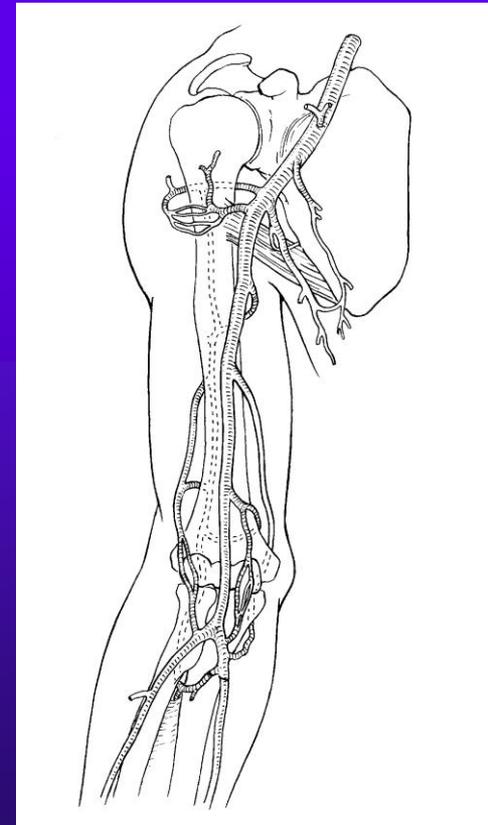
- C76.4 NOS
- C44.6 NOS (carcinoma, melanoma, nevus)
- C49.1 NOS (sarcoma, lipoma)
- C49.1 adipose tissue
- C47.1 automatic nervous system
- C40.0 bone



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◆ Arm

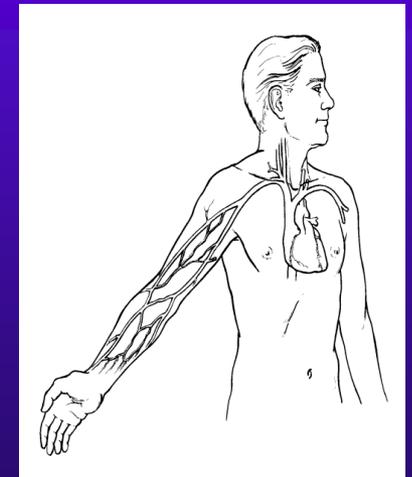
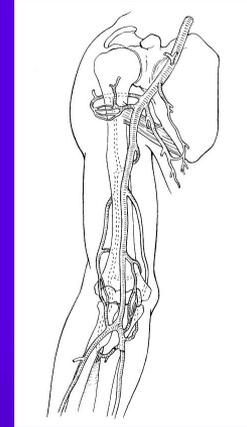
- C49.1 connective tissue
- C49.1 fatty tissue
- C49.1 fibrous tissue
- C77.3 lymph node
- C49.1 muscle
- C47.1 peripheral nerve



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◆ Arm

- C49.1 skeletal muscle
- C44.6 skin
- C49.1 soft tissue
- C49.1 subcutaneous tissue
- C49.1 tendon
- C49.1 tendon sheath





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◆ Principle Rules

- Rule B. Prefixes: 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 from a particular tissue.

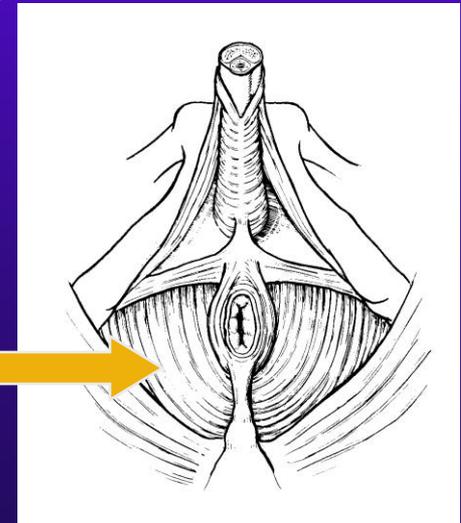
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◆ Example:

– Malignant melanoma perirectal tissue

- **Code Primary site to:
C44.5 (Skin of trunk)**

C44.5





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◆ Principle Rules

- Rule C. Tumors involving more than one topographic category or subcategory. Use subcategory “.8” when a tumor overlaps the boundaries of two or more categories or subcategories and its point of origin cannot be determined.

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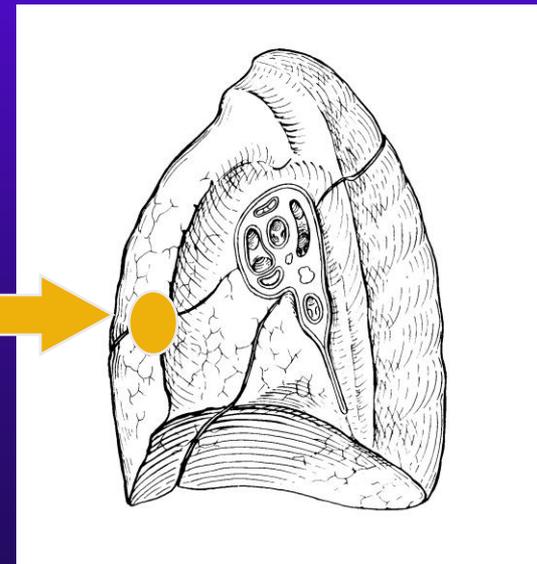
◆ Example:

– Adenocarcinoma of upper and middle lobe, right lung. Site of origin unknown.

• Primary site:

– Lung C34.8

C34.8





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◆ Principle Rules

- Rule D. Topography codes for lymphomas: If a lymphoma involves multiple lymph node regions, code to C77.8 (lymph nodes of multiple regions). Code extranodal lymphomas to the site of origin, which may not be the site of the biopsy. If no site is indicated for a lymphoma, code to C77.9 (lymph node, NOS).

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◆ Examples:

- Malignant lymphoma involving cervical and inguinal lymph nodes

- **Primary site**

- **C77.8**

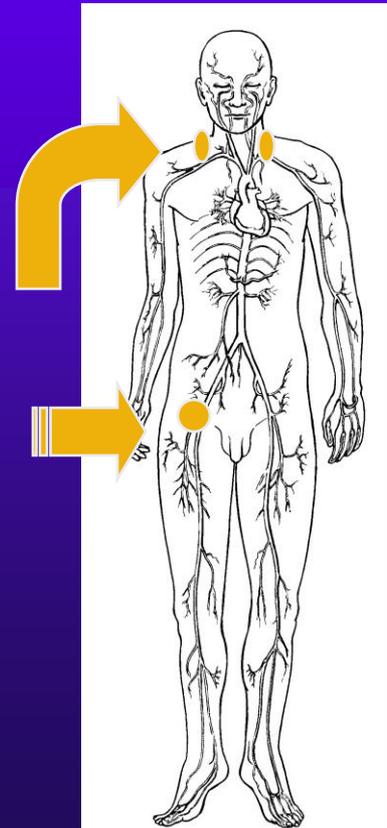
Cervical lymph nodes C77.0

Plus

Inguinal lymph nodes C77.4

Equals

Multiple lymph nodes C77.8



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◆ Examples

– Malignant lymphoma stomach and aortic lymph nodes

• Primary site

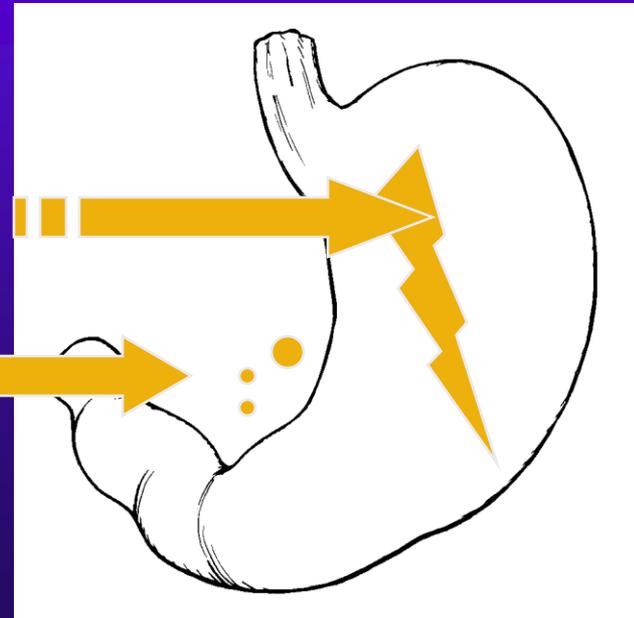
– C16.9

Stomach C16.9

Plus

Aortic Lymph

Nodes C77.2





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◆ Principle Rules

- Rule E. Topography for Leukemias: Code all leukemias except for *myeloid sarcoma* * (M-9930/3) to C42.1 (bone marrow)

* Myeloid sarcoma is a leukemic deposit in an organ or tissue and should be coded to the site of origin



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◆ Principle Rules

- Rule F. Behavior code in morphology:
Use the appropriate 5th digit behavior code even if the exact term is not listed in ICD-O
- Example:
 - **Sigmoid colon with mucin-producing adenocarcinoma, in situ**
 - **8481/2**



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◆ Principle Rules

- Rule G. Grading or differentiation code:
Assign the highest grade or differentiation code described in the diagnostic statement.

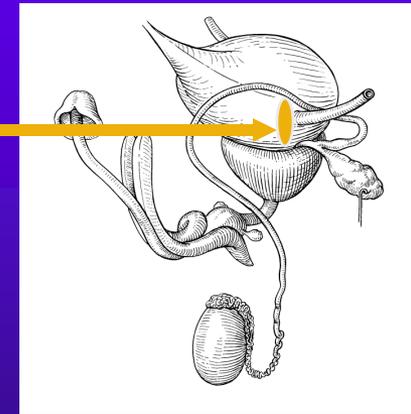
- The 6th digit may identify cell origin for lymphomas and leukemias. The cell type takes priority over grade for these lymphatic and hematopoietic diseases.

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◆ Examples:

– Bladder with well to moderately differentiated transitional cell carcinoma

• **Code: 8120/32**



– Malignant lymphoma, B lymphocytic, small, NOS

• **Code: 9670/36**



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◆ Principle Rules:

- Rule H. Site-associated morphology terms:
Use the topography code provided when a topographic site is not stated in the diagnosis. Disregard the topography code if the tumor is known to arise at another site

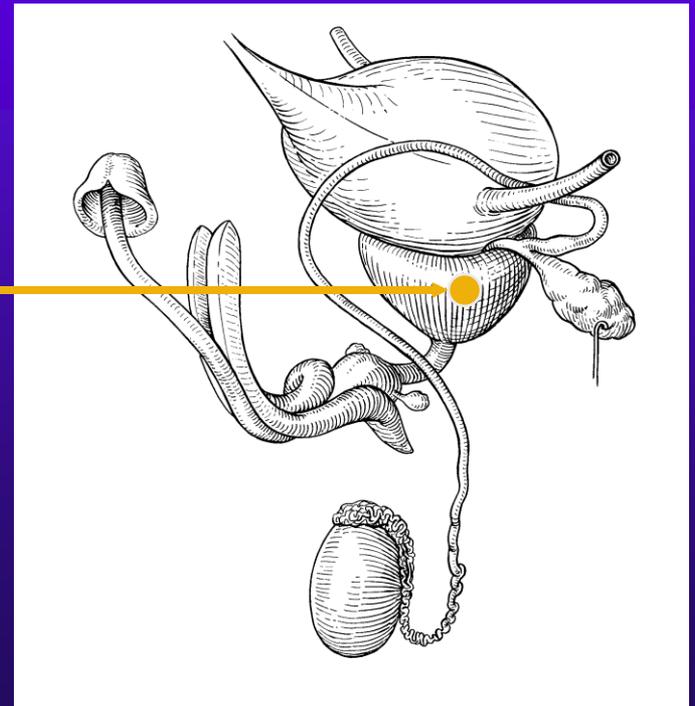
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◆ Example:

- Prostate with infiltrating duct carcinoma

Primary site code for
Infiltrating duct
carcinoma (C50.___)

Primary site: C61.9
For this diagnosis





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◆ Principle Rules

- Rule J. Compound morphology diagnoses:
Change the order of word roots in a compound term if the term is not listed in ICD-O

- Example:
Look up Myxofibrosarcoma



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◆ Principle Rules

- Rule K. Coding multiple morphology terms:
When no single code includes all diagnostic terms, use the numerically higher code number if the diagnosis of a single tumor includes two modifying adjective with different code numbers