

HIM-2560: ONCOLOGY DATABASE AND MANUALS

Cuyahoga Community College

Viewing: HIM-2560 : Oncology Database and Manuals

Board of Trustees:

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Subject Code

HIM - Health Information Management

Course Number:

2560

Title:

Oncology Database and Manuals

Catalog Description:

Investigating and exploring the coding rules in the Multiple Primary Histology (MP/H) Manual and the Hematopoietic database. The course will also provide study in hematopoietic and lymphoid neoplasms.

Credit Hour(s):

3

Lecture Hour(s):

3

Requisites

Prerequisite and Corequisite

HIM-2500 Introduction to Cancer Registry and Disease Management.

Outcomes

Course Outcome(s):

Utilize the Hematopoietic and Lymphoid Database and Coding Manual in identifying and correctly coding malignant neoplasms and their treatment.

Objective(s):

1. Explain the disease process of various neoplasms diagnosed in the hematopoietic and lymphatic systems of the human body
2. Research treatment options and outcomes associated with hematopoietic and lymphoid neoplasms.
3. Identify cancer diagnoses affiliated with hematopoietic and lymphoid system.
4. Utilize tools in the Hematopoietic and Lymphoid Database to identify sequence, transition and subsequent primaries.

Course Outcome(s):

Investigate and explore the coding rules found in the Multiple Primary Histology (MP/H) Manual.

Objective(s):

1. Explain the coding rules found in the Multiple Primary Histology (MP/H) Manual.
2. Describe the microscopic composition of cells and/or tissue for a specific primary tumor type (histology) which will be a basis for staging and determination of treatment options
3. Demonstrate accurate coding utilizing the rules found in the MP/H Manual.
4. Accurately identify and define the anatomical terms associated with the Multiple Primary Histology (MP/H) database

Course Outcome(s):

Investigate and explore the coding rules found in the Hematopoietic Database.

Objective(s):

1. Compare and contrast the difference between chronic and acute cell types in hematopoietic neoplasms
 2. Compare and contrast leukemia, lymphoma and myeloid neoplasms.
 3. Describe treatments utilized in hematopoietic and lymphoid neoplasms
 4. Demonstrate effective use of the Hematopoietic Database (Heme DB) and correct coding and staging.
 5. Explain the coding rules found in Hematopoietic database
 6. Interpret the information written by pathologists and clinicians in order to classify leukemias and lymphomas utilizing the rules found in the Hematopoietic database.
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Methods of Evaluation:

1. Discussions in online forums or in the classroom
2. Written and oral assignments
3. Glossary assignments
4. Cancer and diagnostic activities utilizing the internet
5. Quizzes, tests, and a final exam.

Course Content Outline:

1. Equivalent or Equal Terms
 - a. Adenocarcinoma, Glandular carcinoma
 - b. Multicentric, multifocal
 - c. Tumor, mass, lesion neoplasm
2. Definitions
 - a. Bilateral
 - b. Clinical Diagnosis
 - c. Contiguous Tumor
 - d. Focal
 - e. Foci
 - f. Focus
 - g. Laterality
 - h. Most representative specimen
 - i. Multiple primaries
 - j. Overlapping tumor
 - k. Paired organ/site
 - l. Recurrence (two meanings)
 - m. Single Primary
 - n. Unilateral
3. Determining Multiple Primaries for Solid Malignant Tumors
 - a. General Information/Rules
 - i. Rules to determine number of reportable primaries
 - ii. Rules for use of documentation
 - b. How to use the Multiple Primary Rules
 - i. Make decisions on the number of primary malignancies reportable as "solid" malignant tumors
 - ii. Site-specific rules for the following sites:
 1. Brain, malignant (intracranial and Central Nervous System (CNS))
 2. Breast
 3. Colon
 4. Head and neck
 5. Kidney
 6. Lung
 7. Malignant melanoma of the skin
 8. Renal pelvis, ureter, bladder and other urinary
 - iii. Other sites rule for solid malignant tumors that occur in primary sites not covered by site-specific rules.
 - iv. Complete modules for unknown, single or multiple tumors in an independent, complete set of coding rules.
 1. Determine which set of primary site rules use in various situations
 - v. Prepare abstract for single tumors
 - vi. Prepare abstracts for multiple primary tumors/sites
 - vii. Hierarchal order of coding rules
 - c. Histologic Type ICD-0-3 (International Classification of Diseases for Oncology, Third Edition)

- i. Microscopic composition of cells and/or tissues for a specific primary tumor
- ii. Tumor type/histology basis for staging
- iii. Determination of treatment options
- iv. Prognosis and course of disease
- v. Histology coding rules
 - 1. Site specific rules for
 - a. Brain, malignant (intracranial and CNS)
 - b. Breast
 - c. Colon
 - d. Head and neck
 - e. Kidney
 - f. Lung
 - g. Malignant melanoma of the skin
 - h. Renal pelvis, ureter, bladder and other urinary
 - 2. Other-sites rules
 - 3. Single and multiple tumors
- vi. Priority order for using Documents to Code Histology
 - 1. Patient records
 - 2. Pathology reports
 - 3. Cytology reports
- vii. Ambiguous terms used to code Histology
 - 1. Apparent(ly)
 - 2. Appears
 - 3. Comparable with
 - 4. Compatible with
 - 5. Consistent with
 - 6. Favor(s)
 - 7. Most likely
 - 8. Presumed
 - 9. Probable
 - 10. Suspect(ed)
 - 11. Suspicious (for)
 - 12. Typical (of)
- d. Hematopoietic and Lymphoid Database
 - i. Exploration of the database
 - ii. Home page explanation and field definition
 - iii. Searching the Database
 - iv. Multiple Primaries Calculator
 - v. Using the ICD Code Lists
 - vi. Viewing the information for a specific disease
 - vii. Viewing the information for an obsolete disease

Resources

National Association of Cancer Registrars. *Cancer Registry Management: Principles and Practices for Hospitals and Central Registries*. Third. Dubuque:Kendall Hunt, 2011.

Ruhl J, Adamo M, Dickie L. *Hematopoietic and Lymphoid Neoplasm Coding Manual*. {ts '2014-12-29 00:00:00'}.

National Cancer Institute Surveillance Epidemiology and End Results Program. *Multiple Primary and Histology*. {ts '2006-12-28 00:00:00'}.

Resources Other

- 1. Various websites i.e.:
 - a. <http://seer.cancer.gov>
 - b. Center for disease control website

- c. Internet research related to the cancers and treatments related to this course content in hematopoietic, lymphoid and myeloid neoplasms

Top of page

Key: 2182