

SEER Advanced Topic 2018 Presentation

EOD 2018 and SS2018

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Outline

- General overview of EOD Schemas
- Basic review of what is needed to collect Primary Tumor, Regional Nodes and Mets
- Presentation designed to help registrar recognize what they need to look for to stage

EOD Primary Tumor

- Code 000: In situ (when applicable)
- Code 100: Generally for “confined to primary site”
- Code 800: No evidence of primary site (occult tumor, T0)
- Code 999: Unknown primary tumor extension

- Remaining codes
 - Extension to adjacent organs/structures
 - Chapter specific descriptions
 - Codes developed to derive T categories/subcategories

EOD Regional Nodes

- Code 000: No regional lymph node involvement
- Code 800: Regional lymph node(s), NOS
- Code 999: Unknown lymph node involvement

- Remaining codes
 - Chapter specific descriptions
 - Codes developed to derive N categories/subcategories

EOD Mets

- Code 00: No distant mets/unknown if distant mets
- Code 70: Distant metastasis, NOS

- Remaining codes
 - Chapter specific descriptions
 - Codes developed to derive M categories/subcategories

Head and Neck Tumors

Lip and Oral Cavity-EOD Primary Tumor

- Includes the following EOD schemas: Lip, Tongue Anterior, Gum, Floor of Mouth, Palate Hard, Buccal Mucosa, Mouth Other
- Codes 100-500 are based on tumor size and depth of invasion
- Anatomical structures divided into localized and regional (for Summary Stage 2018) derivation
 - Group 1 tumors are LOCALIZED tumors
 - Group 2 tumors are REGIONAL tumors
- Depth of invasion has three different categories
 - Depth of invasion less than or equal to 5 mm or depth of invasion unknown
 - Depth of invasion greater than 5 mm and less than 10 mm
 - Depth of invasion greater than 10 mm

Lip and Oral Cavity-EOD Primary Tumor (Example: Buccal Mucosa)

Note 2: For codes 100-500, the derived EOD T is based on tumor size and depth of invasion. In addition, some of the anatomical structures listed are localized for Summary Stage 2018 while others are regional for Summary Stage 2018. The anatomical structures are divided into two groups: Group 1 is for localized tumors, while Group 2 is for regional tumor.

Group 1 extension WITH any size tumor: Use the following for codes 100, 150, 200

- › Invasive tumor confined to
 - › Lamina propria
 - › Musculature (buccinator)
 - › Submucosa
- › Confined to buccal mucosa (inner cheek), NOS
- › Localized, NOS

Group 2 extension WITH any size tumor: Use the following for codes 300, 400, 500

- › Gingiva
- › Lateral pharyngeal wall
- › Lip(s) including commissure
- › Subcutaneous soft tissue of cheek
- › Tonsillar pillars and fossae
- › Tonsils

Note 3: Once the correct group is determined, the codes are then determined based on the depth of invasion.

- › Depth of invasion less than or equal to 5 mm or UNKNOWN depth of invasion (codes 100, 300)
- › Depth of invasion greater than 5 mm to less than or equal to 10 mm (codes 150, 400)
- › Depth of invasion greater than 10 mm (codes 200, 500)

Lip and Oral Cavity-EOD Primary Tumor

Note: Tumor size used with codes 100-500 for Derived EOD T

Code	Description
000	In situ, intraepithelial, noninvasive
100	Group 1 WITH depth of invasion (DOI) less than or equal to 5 mm OR unknown depth of invasion
150	Group 1 WITH depth of invasion (DOI) greater than 5 mm and less than or equal to 10 mm
200	Group 1 WITH depth of invasion (DOI) greater than 10 mm
300	Group 2 WITH depth of invasion (DOI) less than or equal to 5 mm OR unknown depth of invasion
400	Group 2 WITH depth of invasion (DOI) greater than 5 mm and less than or equal to 10 mm
500	Group 2 WITH depth of invasion (DOI) greater than 10 mm

Lip and Oral Cavity: EOD Regional Nodes

- AJCC 8th edition has different definitions for Clinical and Pathological N
- EOD Regional Nodes now has different codes for clinical vs pathological
 - Clinical ONLY, Pathological ONLY codes
 - Some codes can be used for clinical OR pathological
- Regional lymph involvement based on:
 - Single or multiple LNs
 - Ipsilateral or contralateral LNs
 - Size of LN metastasis
 - Presence of extranodal extension (ENE)
- For ALL head and neck schemas: Includes all “cervical” lymph nodes as regional: Levels I-VII, and other (See AJCC 8th Edition, Chapter 5)

Lip and Oral Cavity: EOD Regional Nodes

	Extranodal extension (ENE) negative OR unknown
300	CLINICAL or PATHOLOGICAL Metastasis in bilateral or contralateral lymph node(s) No nodes larger than 6 cm in greatest dimension Extranodal extension (ENE) negative OR unknown
400	CLINICAL or PATHOLOGICAL Metastasis in a lymph node larger than 6 cm in greatest dimension Extranodal extension (ENE) negative OR unknown
450	CLINICAL ONLY Metastasis in any lymph node(s) with clinically overt ENE
500	PATHOLOGICAL ONLY Metastasis in a SINGLE ipsilateral node Larger than 3 cm in greatest dimension Extranodal extension (ENE) positive
600	PATHOLOGICAL ONLY Metastasis in MULTIPLE ipsilateral, contralateral, or bilateral nodes Extranodal extension (ENE) positive for any node
700	PATHOLOGICAL ONLY Single contralateral node 3 cm or smaller Extranodal extension (ENE) positive
800	Regional lymph node(s), NOS Lymph node(s), NOS
999	Unknown; regional lymph node(s) not stated Regional lymph node(s) cannot be assessed

Lip and Oral Cavity-EOD Mets

- All Head and Neck schemas have same codes/definitions for EOD mets

Code	Description
00	No distant metastasis Unknown if distant metastasis
10	Distant lymph node(s) <ul style="list-style-type: none">‣ Mediastinal (excluding superior mediastinal node(s), Level VII, see EOD Regional Nodes)‣ Distant lymph node(s), NOS
70	Carcinomatosis Distant metastasis WITH or WITHOUT distant lymph node(s) Distant metastasis, NOS
99	Death Certificate Only

Major Salivary Glands

- EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with codes 100 and 200 for Derived EOD T
- EOD Regional Nodes
 - Same table as Lip and Oral Cavity

Nasopharynx

- EOD Primary Tumor
 - Based on extension to adjacent organs/structures
- EOD Regional Nodes

Code	Description
000	No regional lymph node involvement
300	Cervical lymph node(s), unilateral, 6 cm or smaller Retropharyngeal lymph node(s), unilateral or bilateral, 6 cm or smaller above the caudal border of cricoid cartilage
400	Cervical lymph node(s), bilateral, 6 cm or smaller above the caudal border of cricoid cartilage
600	Cervical lymph node(s), unilateral or bilateral, greater than 6 cm AND/OR extension below the caudal border of cricoid cartilage
800	Regional lymph node(s), NOS Lymph node(s), NOS
999	Unknown; regional lymph node(s) not stated Regional lymph node(s) cannot be assessed Not documented in patient record Death Certificate Only

Oropharynx HPV-Mediated (p16+)

- EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with codes 100 and 200 for Derived EOD T
- EOD Regional Nodes

Code	Description	S
000	No regional lymph node involvement	N
300	Clinical evaluation only Ipsilateral regional lymph node(s)	F
400	Clinical evaluation only Bilateral or contralateral regional lymph node(s)	F
500	Pathological evaluation only Regional lymph node(s) involved	F
800	Regional lymph node(s), NOS Lymph node(s), NOS	F
999	Unknown; regional lymph node(s) not stated Regional lymph node(s) cannot be assessed Not documented in patient record Death Certificate Only	U

Oropharynx p16- and Hypopharynx

- EOD Primary
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with codes 100 and 200 for Derived EOD T
- EOD Regional Nodes
 - Same table as Lip and Oral Cavity

Sinuses and Larynx

- Nasal Cavity and Ethmoid Sinus:
 - EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
- Maxillary Sinus, Larynx schemas (4)
 - Based on extension to adjacent organs/structures
- EOD Regional Nodes
 - Same table as Lip and Oral Cavity

Melanoma Head and Neck

- Note: previously 26 CS schemas; combined into one EOD schema
- Specific anatomical information no longer available
 - Can use primary site based EOD schema for anatomical information
- EOD Primary Tumor
 - Based on extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on location of LN (same LNs used in Lip and Oral Cavity schemas)

Cervical Lymph Nodes and Unknown Primary Tumor

- EOD Primary
 - No evidence of primary tumor/occult tumor
 - Definition of schema
 - No tumor can be found, suspected to be head and neck primary
 - Positive cervical lymph nodes
- EOD Regional Nodes
 - Same as lip and oral cavity

Cutaneous Squamous Cell Head and Neck

- Applicable for skin primary sites: C440, C442-C444
- EOD Primary Tumor
 - Based on level of invasion (dermis, skeletal muscle, etc) and extension to adjacent organs/structures
 - Tumor size used with codes 100 Derived EOD T
- EOD Regional Nodes
 - Same as Lip and Oral Cavity

GI and Hepatobiliary Tumors

Esophagus (including GE Junction)

- EOD Primary Tumor
 - Based on layer invasion and extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on regional nodes positive and location of LNs
 - Regional nodes positive used with codes 300, 500, 800 for Derived EOD N
- EOD Mets
 - Distant lymph node(s)
 - Distant mets

- Applies to both EOD Esophagus schemas

Stomach

- EOD Primary Tumor
 - Based on layer invasion and extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on regional nodes positive and location of LNs
 - Regional nodes positive used with codes 300, 400, 800 for Derived EOD N
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Small Intestine

- EOD Primary Tumor
 - Based on layer invasion and extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on regional nodes positive and location of LNs
 - Regional nodes positive used with codes 300 & 800 for Derived EOD N
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Colon and Rectum

- EOD Primary Tumor
 - Based on layer invasion and extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on regional nodes positive and location of LNs
 - Regional nodes positive used with codes 300 & 800 for Derived EOD N
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Anus

- EOD Primary Tumor
 - Based on layer invasion, tumor size and extension to adjacent organs/structures
 - Tumor size used with codes 100 and 200 for Derived EOD T
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Liver

- EOD Primary Tumor
 - Based on single/multiple lesions, tumor size and extension to adjacent organs/structures
 - Tumor size used with codes 100, 150, 200, 300, 400, and 500 for Derived EOD T
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Bile Ducts Intrahepatic

- EOD Primary Tumor
 - Based on single/multiple lesions and extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Gallbladder and Cystic Duct

- EOD Primary Tumor
 - Based on layer invasion and extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on regional nodes positive and location of LNs
 - Regional nodes positive used with codes 300 & 800 for Derived EOD N
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Bile Ducts Distal

- EOD Primary Tumor
 - Based on layer invasion, tumor size and extension to adjacent organs/structures
 - Tumor size used with codes 100 and 200 for Derived EOD T
- EOD Regional Nodes
 - Based on regional nodes positive and location of LNs
 - Regional nodes positive used with codes 300 & 800 for Derived EOD N
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Bile Duct Perihilar

- EOD Primary Tumor
 - Based on layer invasion, tumor size and extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on regional nodes positive and location of LNs
 - Regional nodes positive used with codes 300 & 800 for Derived EOD N
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Ampulla of Vater

- EOD Primary Tumor
 - Based on layer invasion and extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Pancreas

- EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with codes 100 and 500 for Derived EOD T
- EOD Regional Nodes
 - Based on regional nodes positive and location of LNs
 - Regional nodes positive used with codes 300 & 700 for Derived EOD N
- EOD Mets
 - Specific distant lymph nodes listed
 - “Seeding of peritoneum”
 - No other specific mets listed

NET Tumors (excluding Pancreas, Adrenal)

- Includes: NET Ampulla of Vater, NET Appendix, NET Colon and Rectum, NET Duodenum, NET Jejunum and Ileum, NET Stomach
- EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with codes 100 and 200 for Derived T
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Liver mets (separate code)
 - Distant lymph node(s)
 - Distant mets, NOS

NET Pancreas

- EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with code 100 for Derived T
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Liver
 - Extrahepatic sites
 - Distant lymph node(s)
 - Distant mets, NOS

Respiratory Tract

Thymus

- EOD Primary Tumor
 - Based on confined to thymus (encapsulated tumor) and extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Separate pleural or pericardial nodule(s)
 - Pulmonary intraparenchymal nodule/Other extrathoracic sites
 - Distant lymph node(s)
 - Distant mets, NOS

Lung

- EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with codes 300, 400, 450, 500, 550
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Pericardial or pleural effusions
 - SINGLE distant lymph node or organ involved
 - MULTIPLE distant lymph nodes or organs involved
 - Distant mets, NOS

Pleural Mesothelioma

- Includes primary sites C340-C349 (lung) and C384 (Pleura)
- EOD Primary Tumor
 - Pleural surfaces involved (diaphragmatic, mediastinal, visceral)
 - Involvement of other adjacent organs/structures
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Distant lymph node(s)
 - Contralateral lung/pleura
 - Malignant pleura fluid
 - Pericardial/pleural effusion
 - Distant mets

Bone, Soft Tissue and Skin

Bone

- Includes: Bone Appendicular, Bone Pelvis, Bone Spine
- EOD Primary Tumor
 - Appendicular, Pelvis: Based on tumor size and extension to adjacent organs/structures
 - Spine: Based on location and # vertebral segments involved
- EOD Regional Nodes
 - Based on location of LNs
 - *Note:* Lymph node involvement very rare. Default to 000 (no regional lymph node involvement) unless there is known LN involvement
- EOD Mets
 - Lung mets
 - Distant lymph node(s)
 - Distant mets

Soft Tissue

- Includes Soft Tissue: Head and Neck, Thoracic and Extremities
Retroperitoneum, Other
- EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with code 100 and 200 for Derived T
- EOD Regional Nodes
 - Based on location of LNs
 - *Note:* Lymph node involvement very rare. Default to 000 (no regional lymph node involvement) unless there is known LN involvement
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Soft Tissue

- Includes Soft Tissue Abdomen and Thoracic; Heart, Mediastinum and Pleura
- EOD Primary Tumor
 - Based on invasion (tissue layers) and extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on location of LNs
 - *Note:* Lymph node involvement very rare. Default to 000 (no regional lymph node involvement) unless there is known LN involvement
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Kaposi Sarcoma

- EOD Primary Tumor
 - Single versus multiple lesions
 - Extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on clinically palpable with/without pathologically confirmed nodes
 - Distant lymph node involvement included in EOD Regional Nodes
- EOD Mets
 - Not applicable (code 88)

Merkel Cell Skin

- EOD Primary Tumor
 - Based on extent of skin involvement or extension to adjacent organs/structures
- EOD Regional Nodes
 - Clinical ONLY and Path ONLY codes
 - Some codes can be used for clinical OR pathological
 - Sentinel node biopsy needed for some codes
 - In-transit mets
- EOD Mets
 - Distant lymph nodes
 - Lung mets
 - Distant mets

Melanoma Skin

- EOD Primary Tumor
 - Breslow's depth (SSDI), Clark's level
 - Ulceration (SSDI)
 - Extension to adjacent organs/structures
- EOD Regional Nodes
 - Clinically occult (no clinical evidence) with positive nodes on path
 - Sentinel node biopsy needed for some codes
 - In-transit, satellite, and/or microsatellite metastasis
- EOD Mets
 - Lung mets
 - Distant lymph nodes
 - Distant mets

Breast and Female Genital System

Breast

- EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with code 100 and 200 for Derived T
- EOD Regional Nodes
 - Codes 030, 050, 070-pathological codes only (ITCs)
 - Clinical ONLY and Pathological ONLY codes
 - Some codes can be used for clinical OR pathological
 - Internal mammary nodes (code 250 or greater)
 - Sentinel lymph node biopsy relevant for some codes
- EOD Mets
 - Presence of circulating tumor cells
 - Distant lymph nodes
 - Distant mets

Vulva

- EOD Primary Tumor
 - Based on stromal invasion and extension to adjacent organs/structures
- EOD Regional Nodes
 - ITCs 0.2 mm or less in code 050 (derives c0+)
 - Based on regional nodes positive and location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Vagina

- EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with code 100 and 300 for Derived T
- EOD Regional Nodes
 - ITCs 0.2 mm or less in code 050 (derives c0+)
 - Based on location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Cervix

- EOD Primary Tumor
 - Based on stromal invasion/horizontal spread and extension to adjacent organs/structures
- EOD Regional Nodes
 - ITCs 0.2 mm or less in code 050 (derives c0+)
 - Based on location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Corpus Carcinoma and Sarcomas

- Includes: Corpus Carcinoma and Carcinosarcoma; Corpus Adenosarcoma, Corpus Sarcoma
- EOD Primary Tumor
 - Based on stromal invasion/invasion of myometrium and extension to adjacent organs/structures
- EOD Regional Nodes
 - ITCs 0.2 mm or less in code 050 (derives c0+)
 - Based on lymph nodes size and location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Ovary, Fallopian Tube and Primary Peritoneal Carcinoma

- 3 separate schemas in EOD
- EOD Primary Tumor
 - Limited to one/both ovaries/fallopian tubes
 - Capsule rupture, surgical spill
 - Peritoneal implants
- EOD Regional Nodes
 - Based on lymph nodes size and location of LNs
- EOD Mets
 - Pleural effusion with positive cytology
 - Distant lymph node(s)
 - Extra-abdominal organs
 - Distant mets

Placenta

- EOD Primary Tumor
 - Based on extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Lung
 - Distant lymph nodes
 - Distant mets

Male Genital System

Penis

- EOD Primary Tumor
 - Perineural or invasion OR lymphovascular invasion
 - LOW grade (1-2) HIGH grade (3)
 - Urethral invasion
- EOD Regional Nodes
 - Clinical ONLY and pathological ONLY codes
 - Some codes can be used for clinical OR pathological
 - Based on location of LNs
 - Extranodal extension (ENE)
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Prostate

- EOD Primary Tumor
 - For Clinical Extension only
 - Based on lobe involvement, extension to adjacent organs/structures
- Prostate Pathological Extension
 - For pathological assessment (prostatectomy)
 - Based on lobe involvement, extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Distant lymph nodes
 - Bone involvement
 - Distant mets

Testis

- EOD Primary Tumor
 - Lymphovascular invasion and extension to adjacent organs/structures
- EOD Regional Nodes
 - Clinical ONLY and Pathological ONLY codes
 - Some codes can be used for clinical OR pathological
 - Based on location of LNs, history of scrotal or inguinal surgery and size of lymph nodes
- EOD Mets
 - Distant lymph node(s) WITHOUT scrotal or inguinal surgery
 - Distant lymph node(s) WITH scrotal or inguinal surgery
 - Lung
 - Distant mets

Urinary Sites

Kidney Parenchyma

- EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with code 100 for Derived T
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Kidney Renal Pelvis

- EOD Primary Tumor
 - Based on layer invasion and extension to adjacent organs/structures
- EOD Regional Nodes
 - Single/multiple lymph nodes and location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Bladder

- EOD Primary Tumor
 - Based on layer invasion and extension to adjacent organs/structures
- EOD Regional Nodes
 - Single/multiple lymph nodes and location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Urethra

- Includes: Urethra and Urethra-Prostatic
- EOD Primary Tumor
 - Based on layer invasion and extension to adjacent organs/structures
- EOD Regional Nodes
 - Single/multiple lymph nodes and location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Ophthalmic Sites

Skin Eyelid

- EOD Primary Tumor
 - Based on extension to adjacent organs/structures
- EOD Regional Nodes
 - Single/multiple lymph nodes and size of lymph nodes
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Melanoma Conjunctiva

- EOD Primary Tumor
 - Based on number of quadrants involved and extension to adjacent organs/structures
 - Clinical ONLY and Pathological ONLY codes
 - Some codes can be used for clinical OR pathological
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Melanoma Iris

- EOD Primary Tumor
 - Involvement of “hours” in Iris
 - Involvement of ciliary body and/or choroid
 - Extrascleral extension and measured involvement
- EOD Regional Nodes
 - Based on location of LNs
 - Presence of tumor deposits
- EOD Mets
 - Based on size of distant mets
 - Distant mets

Melanoma Choroid and Ciliary Body

- EOD Primary Tumor
 - Based on Tumor Category
 - Tumor Category derived based on
 - Measured Thickness (SSDI)
 - Measured Basal Diameter (SSDI)
- EOD Regional Nodes
 - Based on location of LNs
 - Presence of tumor deposits
- EOD Mets
 - Based on size of distant mets
 - Distant mets

Retinoblastoma

- EOD Primary Tumor
 - Clinical ONLY and Pathological ONLY codes
 - Some codes can be used for clinical or pathological
 - Intraocular versus extraocular tumors and extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Distant lymph node(s)
 - CNS involvement
 - Distant mets, NOS

Lacrimal Gland

- EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with codes 100, 200, and 300 for Derived T
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Orbital Sarcoma

- EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with code 100 for Derived T
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Lymphoma Ocular Adnexa

- EOD Primary Tumor
 - Based on location (involvement of conjunctiva, orbit, preseptal)
- EOD Regional Nodes
 - Single/multiple lymph node involvement
- EOD Mets
 - Non-contiguous involvement
 - Bone marrow
 - Distant mets

Brain/CNS/Intracranial Gland

- EOD Primary Tumor
 - Benign tumors (code 050)
 - Based on extension to adjacent organs/structures
- EOD Regional Nodes
 - Not applicable (88)
- EOD Mets
 - Metastasis within CNS and CSF pathways
 - “Drop” metastasis
 - Metastasis outside CNS
 - Distant mets

Thyroid and Thyroid Medullary

- EOD Primary Tumor
 - Gross extrathyroidal extension and extension to adjacent organs/structures
- EOD Regional Nodes
 - If negative nodes, how confirmed (pathologically versus radiologically or clinically)
 - Level VI nodes listed separately from Levels I-V, VII and other
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Parathyroid

- EOD Primary Tumor
 - Based on extension to adjacent organs/structures
- EOD Regional Nodes
 - Levels VI and Level VII listed together
 - Remaining head and neck levels
- EOD Mets
 - Distant lymph nodes
 - Distant mets

Adrenal Gland

- EOD Primary Tumor
 - Based on tumor size and extension to adjacent organs/structures
 - Tumor size used with code 100 and 200 for Derived T
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Distant lymph nodes
 - Distant mets

NET Adrenal Gland

- EOD Primary Tumor
 - Based on extension to adjacent organs/structures
- EOD Regional Nodes
 - Based on location of LNs
- EOD Mets
 - Bone
 - Liver, lung mets
 - Distant lymph nodes
 - Distant mets

Lymphoma/Mycosis Fungoides

- Lymphoma (including CLL)
 - Lugano Staging system
 - Stages I-IV based on involvement of lymph node involvement OR extranodal involvement, bone marrow
- Primary Cutaneous Lymphomas (non MF/SS)
 - EOD Primary Tumor: solitary/multiple OR localized/regional involvement of lesions
 - EOD Lymph Nodes: single/multiple lymph nodes
 - EOD Mets- distant lymph node(s)/distant mets, NOS
- Mycosis Fungoides
 - EOD Primary Tumor-involvement of papule, plaques
 - EOD Regional Nodes- Dutch/NCI grading system
 - EOD Mets-Carcinomatosis/distant mets, NOS

Plasma Cell Disorders and Plasma Cell Myeloma

- Plasma Cell Disorders (9731, 9734)
 - EOD Primary Tumor
 - Plasmacytomas (9731, 9734) - code 100, 200
 - Waldenstrom Macroglobulinemia – code 700
 - Lymphoplasmacytic Lymphoma – code 700
 - EOD Regional Nodes
 - Only applicable for 9734
 - Not applicable (code 987) for 9671, 9731, 9761
 - EOD Mets (not applicable)
- Plasma Cell Myeloma
 - EOD Primary Tumor – code 700
 - EOD Regional Nodes/EOD Mets – not applicable (code 88)

HemeRetic

- EOD Primary Tumor only applicable data item
 - Code 100 and 999 can be used ONLY for the following histologies
 - 9740 Mast cell sarcoma
 - 9751 Langerhans cell histiocytosis, disseminated
 - 9755 Histiocytic sarcoma
 - 9756 Langerhans cell sarcoma
 - 9757 Interdigitating dendritic cell sarcoma
 - 9758 Follicular dendritic cell sarcoma
 - 9759 Fibroblastic reticular cell tumor
 - 9930 Myeloid sarcoma
 - 9971 Polymorphic PTLD
 - Code 700
 - Leukemias, myelodysplastic syndromes, myeloproliferative neoplasms

Conclusion

- EOD Primary Tumor
 - Tumor Size
 - Single/multiple lesions
 - Location (adjacent organs/structures)
- EOD Regional Nodes
 - Number of regional nodes, size of lymph node mets
 - Single/multiple lymph nodes
 - Location of LNs
- EOD Mets
 - Some schemas have specific distant lymph node(s), sites listed
 - Different mets codes usually for subcategories of M1

Submit a Question to a SEER Registrar

Questions submitted through this form will be sent to the appropriate SEER personnel. The question and answer may be added to the SEER Inquiry System for others to reference.

Choose a subject

Reporting Guidelines

- Hematopoietic Rules (database and manual)
- Multiple Primary & Histology Rules (for cases diagnosed 2007-2017)
- SEER*Rx
- SEER Manual
- ICD-O-3 Update (for cases diagnosed 2018+)
- Solid Tumor Rules (for cases diagnosed 2018+)

Staging

- Collaborative Stage (for cases diagnosed 2016+)
- Extent of Disease (EOD 2018)
- Summary Stage 2018 (SS2018)



- Other

<https://seer.cancer.gov/registrars/contact.html>



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