

SEER Inquiry System - Report

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Question 20230048

References:

Solid Tumor Rules. Other Sites, May 2023 update

Question:

Solid Tumor Rules/Histology--Uterine Corpus: How is histology coded for an epithelioid and myxoid leiomyosarcoma of the myometrium? See Discussion.

Discussion:

Patient had a total abdominal hysterectomy-bilateral salpingo-oophorectomy performed in January 2023 with final diagnosis of myxoid and epithelioid leiomyosarcoma.

Diagnosis comment states: The tumor is 15 cm per report. It grows in nests and poorly formed interanastomosing trabeculae and cords that are separated by abundant myxoid background. The cells have an epithelioid morphology with eosinophilic cytoplasm, large nuclei, and very prominent nucleoli. The mitotic activity is overall low ranging from 1 to 3/10 HPFs.

Immunohistochemical stains performed at the outside hospital showed diffuse positivity for SMA, desmin, caldesmon, and PR. They are negative for CD10, claudin-4, calretinin, HBM45, MART1 (rare weakly positive cells), PANCK, and SOX10. This immunohistochemical profile supports a smooth muscle derivation of this neoplasm. As this tumor is extensively myxoid, diagnostic criteria differ from the spindle cell leiomyosarcoma.

Per Solid Tumor Rules Other Sites, Table 16: Uterine Corpus Histologies, Epithelioid Leiomyosarcoma (8891/3) and Myxoid Leiomyosarcoma (8896/3) are both subtypes of Sarcoma, NOS (8800/3). Per Rule H21, use a combination code when there are multiple specific histologies AND the combination is listed in Table 2 OR there are coding instructions for the combination in the applicable histology Tables 3-21 OR you receive a combination code from Ask A SEER Registrar. Since there is no combination listed in Table 2 and there is no instruction for the combination in Table 16, how should the histology be coded for this tumor?

Answer:

Assign code 8891/3 (epithelioid leiomyosarcoma) as cells were described as have an epithelioid morphology; whereas, myxoid was used as a descriptive term and not a specific histologic type.

Cancer Site Category:

Corpus uteri

Data Item Category:

Histology

Other Category:

Solid Tumor Rules (2018, 2021)

Year:

2023