

SEER Inquiry System - Report

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Question 20230001

References:

Solid Tumor Rules. Lung, September 2021 Update

Question:

Solid Tumor Rules/Multiple Primaries--Lung: How many primaries should be reported when two separate squamous cell carcinoma (SCC) tumors, one in the left upper lobe (LUL) and one in the right lower lobe (RLL), are diagnosed? The tumors are separated by an interval occurring right hilar lymph node biopsy proving metastatic pulmonary adenocarcinoma without a clear description of a corresponding interval occurring lung tumor. See Discussion.

Discussion:

The patient was diagnosed with a biopsy-proven 12/2020 LUL SCC treated with radiation only, followed by a right hilar lymph node biopsy in 07/2022, that proved "metastatic pulmonary adenocarcinoma" per pathology and treated with radiation, followed by a biopsy-proven 12/2022 RLL SCC to be treated with immunotherapy only. The imaging never definitively identified a lung tumor that can be assumed to be a primary adenocarcinoma tumor. In 06/2022, a PET scan only described a "strongly PET positive Rt inferior hilar LN vs infrahilar pulmonary mass," as well as the subsequently biopsy-proven SCC in the RLL (12/2022 SCC primary). The biopsy path indicates this was a right hilar lymph node metastasis and does not indicate this is an infrahilar pulmonary mass. No other PET positive pulmonary lesions were seen at the time.

The oncologist's assessment indicates the right hilar node was the only positive finding on the biopsy, and it was unclear if this right hilar node metastasis was from the left lung or if the primary was "not detectable." The oncologist summarized this as a LUL lung lesion radiated for SCC, a right hilar lesion radiated for adenocarcinoma, and a RLL lung lesion on pathology found to be SCC.

Should the interval occurring metastatic adenocarcinoma be accessioned as a separate lung, NOS primary based on the histology difference? While the Solid Tumor Rules do not apply to metastasis, the oncologist did treat these three malignancies separately and does not indicate the hilar lymph node metastasis was felt to be from either SCC primary.

Answer:

Abstract three primaries based on this scenario.

1 - 2020, SCC LUL lung

2 - 2022, Adenocarcinoma lung, described as metastatic pulmonary, based on biopsy of right hilar node (Rule M8)

3 - 2022, SCC RLL lung (Rule M11)

Cancer Site Category:

Lung

Data Item Category:

N/A

Other Category:

Solid Tumor Rules (2018, 2021), Multiple primaries

Year:

2023