

SEER Inquiry System - Report

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Question 20220013

References:

WHO Class Urinary System and Male Genital Organs. 5th edition; online

Question:

Reportability/Histology--Kidney: What is the histology and behavior of a papillary renal neoplasm with reverse polarity? See Discussion.

Discussion:

Patient had a partial nephrectomy with final diagnosis of papillary renal neoplasm with reverse polarity. Diagnosis comment states: Papillary renal neoplasm with reverse polarity is currently considered to be a histologic variant of papillary renal cell carcinoma; however, recent studies suggest that it has a very indolent clinical behavior.

Answer:

Report papillary renal neoplasm with reverse polarity as 8260/3. According to the WHO Classification of Urinary and Male Genital Tumors, 5th edition, this is a distinctive pattern of papillary renal cell carcinoma that has been recently recognized. These tumors have recurrent mutations of KRAS, differing from typical papillary renal cell carcinoma. We recommend that you include **with reverse polarity** in your histology text to differentiate this entity from others classified in 8260/3.

Cancer Site Category:

Kidney, renal pelvis

Data Item Category:

Behavior, Histology

Other Category:

Reportability

Year:

2022