

SEER Inquiry System - Report

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Question 20240023

References:

#1: Solid Tumor Rules. Other Sites, 2024 Update

#2: WHO Class Urinary System and Male Genital Organs, 373-377. 5th edition

Question:

Solid Tumor Rules/Histology--Penis: Why is warty carcinoma listed in Other Sites, Table 23 (Penis and Scrotum Histologies) as 8051 when the ICD-O-3.2 and SINQ 20200003 indicate the correct histology is 8054 for this neoplasm? See Discussion.

Discussion:

The ICD-O-3.2 indicates histology 8051 only applies to diagnoses of condylomatous carcinoma and warty carcinoma made prior to 2018. For penis cases diagnosed 2018 and later, these neoplasms should be coded as 8054. This is consistent with SINQ 20200003.

However, a new Table was added to the Other Sites schema in the 2024 Solid Tumor Rules update. Table 23 lists "Verrucous carcinoma / carcinoma cuniculatum / Warty carcinoma" as histology 8051. While verrucous carcinoma is still listed under histology 8051 in the ICD-O-3.2, warty carcinoma is not.

Does Table 23 need to be updated? Or is this an error in both the ICD-O-3.2 and SINQ 20200003?

Answer:

Assign histology code 8054/3 for warty carcinoma. Assign 8051/3 for verrucous carcinoma and carcinoma cuniculatum.

The WHO Classification of Urinary and Male Genital Tumors, 5th edition (2022) revised the terminology for squamous cell carcinoma groupings from "non-HPV-related" to "HPV-independent" and from "HPV-related" to "HPV-associated". Warty carcinoma is defined as a "morphologically distinct **HPV-associated** verruciform neoplasm that shares histological features with a giant condyloma but has definitive cytological atypia and a malignant infiltrative architecture." Verrucous carcinoma (including carcinoma cuniculatum) is defined as an **HPV-independent** squamous cell carcinoma, and is correctly coded to 8051/3.

The 2024 Solid Tumor Rules, Table 23, Penis and Scrotum Histologies will be updated to reflect this revised terminology and coding.

Cancer Site Category:

N/A

Data Item Category:

Histology

Other Category:

Solid Tumor Rules (2018, 2021)

Year:

2024