

Supplemental online content for:

## Evaluation of AJCC and an Alternative Tumor Classification System for Primary Vulvar Squamous Cell Carcinoma

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**eTable 1:** Baseline Patient and Tumor Characteristics

**eTable 2:** Treatment Modalities Stratified by AJCC and BWVTC

eTable 1. Baseline Patient and Tumor Characteristics	
Patient Characteristics	N (%)
Total patients	226 (100)
Age, y	
Mean (SD)	66 (15)
Follow-up time, mo	
Median (IQR)	59 (16–79)
Immunosuppression	
Yes	13 (6)
No	204 (90)
Unknown	9 (4)
History of smoking	
Yes	106 (47)
No	97 (43)
Unknown	23 (10)
History of VIN	
Yes	142 (63)
No	84 (37)
History of genital warts	
Yes	23 (10)
No	195 (86)
Unknown	8 (4)
History of HPV	
Yes	18 (8)
No	196 (87)
Unknown	12 (5)
History of STI	
Yes	10 (5)
No	216 (95)
History of lichen sclerosis	
Yes	82 (36)
No	144 (64)
History of other cancer	
Yes	68 (30)
No	154 (68)
Unknown	4 (2)
Tumor diameter, cm	
Mean ± SD	2.3 ± 1.9
≤2	133 (59)
>2	93 (41)
Tumor depth, mm	
Mean ± SD	5.2 ± 6.3
≤1	38 (18)
>1	174 (82)
Tumor differentiation	
Well/Moderate	203 (90)
Poor	23 (10)
Tumor location	
Cutaneous, only	71 (31)
Mucosal, any	155 (69)
Perineural invasion	
Yes	9 (4)
No	217 (96)
Lymphovascular invasion	
Yes	14 (6)
No	212 (94)
Nodal assessment	
Clinical/Radiologic	78 (34)
Sentinel node biopsy	3 (2)
Lymphadenectomy	145 (64)

Abbreviations: HPV, human papillomavirus; IQR, interquartile range; STI, sexually transmitted infection; VIN, vulvar intraepithelial neoplasia.

**eTable 2. Treatment Modalities Stratified by AJCC and BWVTC**

Treatment Modality	N (%)	Patients in AJCC T Classification, n	Patients in BWVTC T Classification, n
Excisional biopsy	2 (1)	T1a: 0, T1b: 2, T2: 0, T3: 0	T1: 0, T2: 0, T3: 1, T4: 1
Primary resection	184 (81)	T1a: 33, T1b: 135, T2: 15, T3: 1	T1: 18, T2: 43, T3: 53, T4: 70
Chemotherapy	1 (1)	T1a: 0, T1b: 1, T2: 0, T3: 0	T1: 0, T2: 0, T3: 0, T4: 1
Radiotherapy	3 (1)	T1a: 1, T1b: 1, T2: 1, T3: 0	T1: 0, T2: 2, T3: 0, T4: 1
Chemoradiotherapy	10 (4)	T1a: 1, T1b: 1, T2: 6, T3: 2	T1: 1, T2: 0, T3: 5, T4: 4
Resection and adjuvant therapy	26 (12)	T1a: 1, T1b: 14, T2: 10, T3: 1	T1: 1, T2: 5, T3: 6, T4: 14

Abbreviation: BWVTC, Brigham and Women's Vulvar Tumor Classification.