

Table 1. Methodological characteristics of included studies.

Study; Year	Country	Study Type	Number of patients	Follow-up time	Inclusion criteria	Exclusion criteria
Ghebre et al., 2011	USA	Retrospective	146	0.1-16.7 years	Women ≥65 years with pathologically confirmed invasive vulvar cancer	Diagnosis of VIN
Bracchi et al., 2019	Italy	Retrospective	78	N/A	Surgically treated vulvar cancer patients	Recurrent disease, pre-invasive lesions, uncommon histology
Mullen et al., 2021	USA	Retrospective	1336	N/A	Women ≥65 years with gynecologic cancers in SEER-MHOS database	Patients <65 years or without frailty index data
Gans et al., 2023	Netherlands	Retrospective	114	N/A	Women ≥70 years diagnosed with primary vulvar cancer	Patients with melanoma or intraepithelial neoplasia
Levine et al., 2023	USA	Retrospective	886	30-day post-op	Women undergoing radical vulvectomy for vulvar cancer	Missing frailty vul data, non-radical vectomy procedures
Delli Carpini et al., 2025	Italy	Retrospective	225	30-day post-op	Patients with histopathologically confirmed vulvar cancer undergoing surgery	Locally advanced not /advanced cases suitable for surgery

N/A: data were not available; VIN: vulvar intraepithelial neoplasia; SEER-MHOS: The Surveillance, Epidemiology, and End Results Medicare Health Outcomes Survey.