analyses have looked at the risk of contralateral non-sentinel (SNL) metastases with conflicting results.

**Methodology** The AGO VOP 2 QS vulva study is a retrospective, multicenter study. Within the study, therapeutic data from n=306 patients, diagnosed with primary groin node positive vulvar squamous cell carcinoma (VSCC) between 2017–2019 at 33 gynecologic cancer centers in Germany were collected. In the current subgroup analysis, only patients with bilateral SNB and unilateral positive SNL were included.

**Results** Of 306 documented groin node positive patients, 137 received bilateral SNB. Of these, 98 had unilateral positive SNL 58/98 (59.18%) received a consecutive bilateral if- LAE. 30/98 (30.61%) underwent unilateral if- LAE and 10/98 (10.2%) had none. Of 98 patients with unilateral positive SNL, two patients (2.04%) showed positive contralateral non-SNL. In the first patient with a midline VSCC a contralateral non-SNL metastasis was detected, despite two negative SNLs in this groin. Bilateral LAE and adjuvant chemoradiation of groins and pelvis were performed and there is no sign of recurrence 18 months after first diagnosis (FD). In the second patient one non-SNL metastasis of 2 mm was detected during LAE after a negative SNL node in the same groin. This patient received radiation to vulva and groins. She suffered from isolated groin recurrence in the groin were the SNL metastasis was initially detected, 11 months after FD.

**Conclusion** In this large multicentre retrospective trial the risk of contralateral non-SNL metastasis is low. Therefore, morbidity should be carefully balanced against oncologic safety and omission of contralateral LAE should be considered, especially in multimorbid or obese patients.

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**USE OF VACUUM-ASSISTED CLOSURE AFTER EXTENSIVE FLAP DEHISCENCE IN VULVECTOMY FOR PAGET’S DISEASE**

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**Introduction/Background** Paget’s disease of the vulva is a rare malignancy for which radical surgical approach such as vulvectomy or wide local excision with adequate surgical margins should be performed. Vulvectomy is complicated by complex wound failure (CWF) in 26–85% of cases. CWF usually occurs 8 to 10 days after surgery. Schimp et al. firstly reported the use of vacuum-assisted closure (VAC) after vulvectomy.

**Methodology** A 68 years old polymorbid obese patient with recurrent Paget’s disease of the vulva underwent vulvectomy with multiple frozen sections of the edges followed by vulvar reconstruction using suprafascial flap. First signs of CWF could be seen on the 9th day with conventional treatment methods. On the 15th day the 2nd surgery for necrectomy was needed. The primary closure after necrectomy was impossible, CWF area was large so we decided to try VAC although we struggled with air leakage around the vagina introitus. We were not able to maintain an airtight seal so we invented a vaginal phantom made of condom filled with drapes. We used two ports connected to the Y connector applying 125 mmHg continuous pressure. Urine derivation was needed by Foley catheter On the 5th dressing change we started with dynamic sutures. We were concerned about wound infection and blood supply of flaps but VAC did not allow spreading the infection.

**Results** The VAC treatment lasted for 10 weeks, 14 dressing changes in general anesthesia and last 5 were tolerated without anesthesia.

**Conclusion** Due to our experience, we can say that VAC can be successfully applied for treatment of CWF in genital area. Urine derivation is needed when an area of external urethral orifice is involved in the wound otherwise urine can disrupt an airtight seal. To prevent air leakage in vagina introitus we successfully inserted the vaginal phantom.