Results We presented two types of vulvar reconstructions at the time of primary treatment, using different types of flaps: medial thigh flap and rectus abdominal muscle flap. The histological types of tumors were vulvar squamous cell carcinoma and lymphangiosarcoma. The operation time was 320 and 420 minutes, the blood loss – 200 ml and 350 ml, the length of hospitalization was 12 and 14 days respectively. Both of patients suffered pain before surgery, and were relieved after. There were no postoperative complications. None of patients had flap loss.

Conclusion The use of skin flap for reconstruction in treatment of advanced vulvar cancer can improve functional status. It is associated with the low rate of postoperative complications and decreasing pain, which significantly better the women’s quality of life.

Disclosures Authors declare no disclosures.