

**Title:** A Case Report of Vulvar Nevus Sebaceus of Jadassohn

**Background/Synopsis:**

Vulvar nevus sebaceus of Jadassohn (NSJ) is a hamartoma of the pilosebaceous follicular unit that, in this context, is located on the vulvar skin. NSJ is most commonly located on the scalp as well as the forehead, face, and neck, thus vulvar NSJ is a rare phenomenon. Treatment options of NSJ range from conservative approaches like observation to minimally invasive procedures like early excisions.

**Objective/Purpose:**

This case report aims to describe an unusual presentation and location of NSJ.

**Case Report:**

38-year-old white female with past medical history of endometriosis and left salpingoophorectomy presented for annual gynecological visit with concerns of dysmenorrhea and dyspareunia in addition to vulvar vaginal irritation and recent yeast infection. On initial exam, scant amount of white thick discharge from the vagina was noted consistent with candida, however no other gross pathology noted. Patient prescribed Fluconazole tablet 150 mg, 1 tablet day of visit and to be repeated in 3 days. On follow up visit 3 weeks later, the patient reported persistent pruritus despite medication compliance. On examination, the patient was noted to have several irregular dark nevi in vulvar area and mons pubis in addition to persistent white discharge. Vaginal cultures reported negative. Patient prescribed another course of Fluconazole 150 mg, 1 tablet twice per week for 4 weeks. Over the next 17 weeks, the patient continued to have vulvovaginal pruritus despite treatment with Nystatin-Triamcinolone cream applied to the affected area externally twice a day for 15 days then Butoconazole 2% cream applied vaginally once a day for 21 days with continued use of Nystatin-Triamcinolone cream externally, lastly followed by Terconazole 0.4% cream vaginally once a day. Patient underwent robotic-assisted hysterectomy and bilateral salpingectomy during which a biopsy was taken from the right vulva. Biopsy results were positive for Nevus Sebaceus of Jadassohn, which is a benign hamartomatous skin lesion rarely seen in perineal regions. Course of treatment includes a dermatology consultation and possible vulvar excision.

**Conclusion:**

This case report highlights a rare case of vulvar nevus sebaceus of Jadassohn. Although rare, NSJ should be considered in cases of persistent vulvovaginal irritation and pruritus not responsive to antifungal medication.