

## **FP1648 UNSUCCESSFUL TREATMENT OF EXTRAMAMMARY PAGET'S DISEASE WITH TOPICAL IMIQUIMOD**

J. K. Gass<sup>1</sup>, J. C. Sterling<sup>1</sup>, E. Rytina<sup>2</sup>, **J. Batchelor**<sup>1</sup>, P. M. Todd<sup>1</sup>

<sup>1</sup>Dermatology, <sup>2</sup>Histopathology, Addenbrookes Hospital, Cambridge, United Kingdom

*Extramammary Paget's disease of the anogenital area is an uncommon neoplasm, associated with a high incidence of underlying in situ or invasive malignancy. Treatment options include Mohs micrographic surgery, wide surgical excision and radiotherapy, though the recurrence rate post treatment is high. Recently, although there have been multiple reports of topical treatment with imiquimod resulting in clinical and histological cure (1, 2), reports of the failure of imiquimod therapy are lacking.*

*We describe the cases of 2 women presenting with vulval irritation who had biopsy-proven extramammary Paget's disease of the vulva treated within the last 12 months with topical imiquimod. Both underwent extensive investigations which revealed no underlying neoplasm, although one woman had previously treated carcinoma of the breast. Despite treatment 3 times weekly for more than 4 months, both had persistent disease on examination and repeat biopsy, though clinically both had shown improved symptoms with lessening of irritation. Both women are currently being assessed for further treatment.*

*These 2 cases illustrate that imiquimod treatment may not be universally successful for extramammary Paget's disease, and may thus delay definitive treatment. Patients treated with imiquimod should be kept under close review to monitor both clinical and histological response to treatment. Furthermore, controlled trials are needed to assess the appropriate use of imiquimod for this condition.*

**References:** 1. Cohen PR, Schulze KE, Tschien JA, Hetherington GW, Nelson BR. Treatment of extramammary Paget disease with topical imiquimod cream: case report and literature review. *South Med J.* 2006; 99(4):396-402

2. Zampogna JC, Flowers FP, Roth WI, Hassenein AM. Treatment of primary limited cutaneous extramammary Paget's disease with topical imiquimod monotherapy: two case reports. *J Am Acad Dermatol.* 2002 ;47(4 Suppl):S229-35