

Clinical and Dermoscopic Features of Mammary Paget's Disease

A study of the International Dermoscopy Society

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Introduction

Mammary Paget's disease (MPD) is a rare intraepidermal adenocarcinoma of the nipple-areola complex. The clinical recognition of MPD is challenging, since it may closely mimic a variety of both benign and malignant skin conditions. Early diagnosis is considered crucial to initiate detailed work-up for the detection of an underlying breast carcinoma. Given the rarity of MPD, its dermoscopic features have been ill defined in the literature.

Aim of the study: To determine the clinical and dermoscopic features of MPD versus other dermatologic entities (benign and malignant) that involve nipple and areola, and determine potential clinical/ dermoscopic signs that aid in the differential diagnosis of MPD.

Methods: Members of the IDS will be invited to submit any case of histologically confirmed MPD that they keep in their database. High quality clinical and dermoscopic images of the lesions are mandatory. Information on the patients' and lesions' characteristics, including age, gender and lesion size must be provided, too. The use of polarized, or non-polarized dermoscopy should be reported. Histological images-if available-are optional, in order to attempt correlation with histology.

To enable comparison with other dermatologic entities (benign and malignant) that may involve the nipple and areola, we will also request clinical and dermoscopic images of dermatoses that will be used as controls. The diagnosis of malignant tumors must be histopathologically confirmed (e.g. melanoma, Bowen's disease). The diagnosis of benign tumors (e.g. melanocytic nevi, melanosis) must be either histopathologically confirmed, or based on adequate follow-up. Finally, inflammatory diseases (e.g. dermatitis, psoriasis) might be either histopathologically confirmed, or established clinically.

A standardized evaluation of the clinical and dermoscopic images based on predefined criteria will be performed by a central group of investigators. A specific pattern of clinical and dermoscopic presentation will be investigated.

Clinicopathologic correlation will be also attempted if feasible. Correlations with specific histopathologic features will be conducted by a group of experienced dermatopathologists.

Important considerations:

- 1. Please send the images to Dr. Z. Apalla, zoimd@yahoo.gr.**
- 2. Please do not miss to mention whether dermoscopy was performed with polarized or non-polarized light.**
- 3. Any images used in the project will remain at the property of the investigator who has submitted these images. They will be used solely for the purposes of this study. Any use of images will be first discussed with the investigator.**

Manuscript for publication:

Each contributor who sends at least one case will be listed as co-author in a future manuscript; if the number of participants is too high for the journal, the maximum of colleagues according to the number of included cases will be named and the remaining colleagues will be included into the "Group of IDS", which refers to the list of all participating colleagues into the manuscript.

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Bibliography

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