



ACNE, ROSACEA, AND RELATED DISORDERS (INCLUDING HIDRADENITIS SUPPURATIVA)

COEXISTENCE OF ACNE AND ROSACEA: RESULTS OF A SINGLE CENTER RETROSPECTIVE STUDY

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INTRODUCTION: Acne and rosacea are the most common chronic inflammatory facial diseases, both, in case of conspicuous facial rash can significantly diminished quality of life of the patient. Acne and rosacea have quite similar clinical presentation, and not rare can appear simultaneously, this complicate diagnosis and treatment. Despite the frequency there is no adequate attention to the co-occurrence of acne and rosacea in available literature.

OBJECTIVE: to study the incidence, peculiarities of clinical presentation, dermoscopy features of coexisting acne and rosacea.

MATERIALS AND METHODS: retrospective review of all primary rosacea cases (n= 1686) from 2013 to 2017 was done in one dermatology center to identify concomitant acne. Gender, age, clinical and dermoscopy presentation were analyzed in patients with coexisting acne and rosacea.

RESULTS: The study revealed high incidence (about 25%) of coexisting acne and rosacea. One of the reason for the development symptoms of rosacea in acne patients can be long term use of irritating and exfoliate products for acne. Among identified cases dominated women with adult acne (92%).

Papules and/or pustules on the lower face in line with redness, itchy, irritant skin were frequent clinical signs of concomitant acne and rosacea. Follicular plugs and couperose in combination with presence of comedones/papules /pustules were observed dermoscopically in most cases.

CONCLUSIONS: Because of high incidence in any case, especially in adult women with papulopustular rash on the face, dermatologist has to exclude coexistence of acne and rosacea. Dermoscopy features of both diseases help confirm the diagnosis acne plus rosacea.

