## Rosacea and its Comorbidities

Andreea Merticariu<sup>1</sup>, Luminiţa Marinescu<sup>2</sup>, Călin Giurcăneanu<sup>3,4</sup>

<sup>1</sup>"St. Pantelimon" Clinical Emergency Hospital, Bucharest, Romania

<sup>2</sup>CMI Marinescu Luminita, Bucharest, Romania

<sup>3</sup>" Elias" Clinical Emergency Hospital, Bucharest, Romania

<sup>4</sup>"Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania

## **ABSTRACT**

**Objectives:** Rosacea is currently defined as an inflammatory cutaneous disease without systemic echoes. The objective of our paper is to review the published articles to confirm our belief that rosacea is associated to or can predispose to various diseases, mainly inflammatory diseases.

**Material and methods:** Review all the papers published in the last two decades in PubMed, Google Academic and Medscape databases, linking rosacea and various disorders of the body systems.

**Results:** We found that rosacea is associated to several illnesses of major systems (gastrointestinal, cardiovascular, respiratory) and that there are also links between rosacea and immune system disorders and psychiatric diseases. Rosacea clinical course can be influenced by various drugs prescribed for the previous mentioned diseases.

**Conclusions:** Rosacea should no longer be considered a localized cutaneous condition but rather a complex pathology with systemic reverberation. Patients suffering of severe forms of rosacea for a long period of time should have a careful evaluation of body systems.

**Key words:** rosacea, association, link, inflammatory