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## Pathogenetic method of complex treatment in erythematotelangiectatic rosacea patients

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Rosacea is a wide-spread dermatosis which a multifactorial disease characterized by the chronic recurrent course with the lesion foci located predominantly on the facial skin and associated with the development of transient or permanent erythema, telangiectasia, papulopustular elements, and nodes. In 2002, the members of National Rosacea Society (USA) have published a classification system which helps standardize the diagnostics of rosacea and break in down into four main subtypes based in the primary and secondary characteristics. These are erythematotelangiectatic rosacea, papulopustular rosacea, phymatous rosacea, and ocular rosacea. The main features of the erythematotelangiectatic rosacea are redness (short-term erythema), permanent central facial erythema (background erythema), and progressive development of telangiectasia of the facial skin. Treatment of rosacea patients is a complex task; the treatment options depend on multiple etiological and pathogenetic factors, stages, and clinical forms of dermatoses. The clinical efficiency of wideband light emission in treatment of rosacea provides excellent results during long-term treatment courses. The minimal course should include 5-8 sessions. In the modern settings, it is necessary to develop combined effective treatment methods to achieve the clinical effect in a shorter time. We have designed the pathogenetic combined treatment method that includes a combination of wideband impulse light emission with topical application of 0.5% brimonidine tartrate gel in patients with erythematotelangiectatic rosacea. The method is expected to shorten the phototherapy treatment courses and to achieve the significant clinical effect.

### Biography

Education and advanced training: Doctor with a specialization in General Medicine, State budget educational institution of HVE Altai State Medical University of Ministry of Healthcare and Social Development of the Russian Federation, diploma with honors, Barnaul (2006-2012). Doctor with a specialization in Dermatovenereology, State budget educational institution of HVE Russian National Research Medical University n.a. N.I. Pi.

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