

〈教育セミナー〉
(アクネケア最前線)

アクネに対するケミカルピーリング

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The Efficacy of Glycolic Acid for Treating Acne

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Abstract

Glycolic acid (GA) peeling is known to be effective for acne treatment. For the quantitative evaluation of this treatment on acne, computer assisted facial imaging systems were used, which enabled us to assess acne spots, pigmented spots, skin color tone, pore size, skin texture and porphyrin spots. This quantitative analysis clearly shows the efficacy and limitation of GA treatment of acne, and might help to disclose the precise mechanisms of GA effects on the skin structure and function. The basic mechanism of GA on skin cells were discussed.

Key words: chemical peeling, glycolic acid, acne, imaging.