

KOREADERMA 2023 Abstract Submission

Abstract :

Acne vulgaris is the most common skin disease, especially afflicting adolescents and some adults. The use of energy base treatment for acne is limited, however the innovative nanogold microparticles as the chromophores when irradiated by absorbing wavelengths between 800-1000 nm may achieve selective photothermolysis of sebaceous follicles. The success of this application depends on the extent of sebaceous glands destroy after sessional treatment. Thus the maximal trans-epidermal delivery of nanogold to sebaceous glands at each treatment lead the important role to success. Herein, we'll share our 1 years experiences to maximize clinical effect when treating acne with nanogold microparticles in combination with long pulsed 1064 nm Nd-YAG laser.