

Thesis Title	Evaluation of the Use of 10,600 nm Fractional Carbon Dioxide Laser in the Treatment of Vitiligo: A Pilot Study
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ABTRACT

The main objective of this study is to study effects of fractionally ablated skin by carbon dioxide laser and to see weather during healing process there will emigration of melanocytes from pigmentary skin in the boundaries toward the ablated areas, we included volunteers who met the inclusion criteria of the research then three monthly sessions of laser treatment were done .In the meantime, photos were taken during follow up visits every two weeks. The results of this study indicates that 10,600 nm fractional carbon dioxide laser may not be so beneficial in inducing repigmentation of vitiligo patches. However, vitiligo is known to be a slowly responding and non predictive disease. Therefore, follow up of the patients for a longer period and increasing the laser sessions may be needed to get a more positive outcomes.

Keywords: Vitiligo / Fractional carbon dioxide laser