

عنوان مقاله:

Laser Assisted Eye Color Change Using SYL 9000 Nd: YAG Laser

محل انتشار:

بیست و نهمین کنگره سالیانه انجمن چشم پزشکی ایران (سال: 1398)

تعداد صفحات اصل مقاله: 1

نویسندگان:

Hamidreza Hasani, - Eye Research Center, The Five Senses Institute, Rassoul Akram Hospital, Iran University of Medical Sciences, Tehran, Iran

Marjan Razi-Khosroshahi, - Eye Research Center, The Five Senses Institute, Rassoul Akram Hospital, Iran University of Medical Sciences, Tehran, Iran

خلاصه مقاله:

Purpose: To investigate color changing effect of Nd: YAG laser on the surface of domestic sheep iris and to review the current literature on eye color changing methods. **Methods:** We extracted the iris of a domestic sheep and applied Nd: YAG laser on the surface. The Laser wavelength setting was 1064 nm, energy of 6 mj, spot size of 8 microns and 1 pulse for each burst. Then we reviewed the literature and added the available eye color changing methods. **Results:** The targeted spots were all depigmented without puncturing the iris. When a – 20 D was placed between the target and the laser source, the spots were bigger in size. **Conclusion:** 1064 nm Nd: YAG laser can effectively depigment the iris surface.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

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