

عنوان مقاله:

Applications of the Picosecond Laser in medicine: A survey study

محل انتشار:

اولین کنفرانس بین المللی پژوهش ها و دستاوردهای نو در علوم، مهندسی و فناوری های نوین (سال: 1400)

تعداد صفحات اصل مقاله: 6

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خلاصه مقاله:

The picosecond laser is the first generation of beauty lasers that does not use heat just to burn or melt unwanted tattoo ink or melanin (the pigment that causes dark spots on your skin). It transmits energy quickly (in trillions of thousands of seconds) so that the tiny particles that make up the pigment and tattoo ink become dust and break down without burning the surrounding tissue. These lasers have many applications in medicine, especially dermatology. In this review article, all studies conducted around the world during ۱۹۹۸-۲۰۲۰ have been studied and analysed using keywords such as "picosecond," "picosecond laser," "picosecond laser dermatology," "picosecond laser pigment/pigmentation," and "picosecond laser tattoo removal." from the Google scholar database. The results of this study redouble the importance of developing technology related to picosecond lasers

کلمات کلیدی:

picosecond, picosecond laser, picosecond laser dermatology, picosecond laser pigment/pigmentation, picosecond laser tattoo removal

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