

76. Basic facts of the Laser as a treatment tool for vitiligo.

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ABSTRACT

The most recent trend in the skin treatment is Laser treatment. It has an advantage that surgery of skin can be avoided which gives psychological relief to the patient. The transplanting of skin called grafting needs surgical instruments whereas the same results may be obtained without any cut or paste. An increasingly sophisticated understanding of the biophysics of laser-tissue interactions has led to a more efficient utilization of the present technology on the clinical side and at the same time is helping the physicists to add more and more highly selective laser systems in the armamentarium of aesthetic laser surgeons. [1]. A significant understanding of lasers and light sources is required for their optimal use. Also a basic understanding of laser physics is mandatory to carry out an efficient laser treatment. This article discusses current clinical applications of laser from treatment point of view. Laser light is monochromatic, bright, unidirectional and coherent. Directionality allows the laser beam to be focused on a very small spot size.