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Skin Optical Clearing Technique And Device Using Mechanical Compression

Tech ID: 32729 / UC Case 2006-731-2

BRIEF DESCRIPTION

See patent information below. Embodiments of the present disclosure provides systems, devices, and methods for non-invasively modifying, maintaining, or controlling local tissue optical properties. Methods and devices of the disclosure may be used for optically clearing tissue, for example, for diagnostic and/or therapeutic purposes. A method of optically clearing a tissue may comprise contacting the tissue with an optical clearing device having a base, an array of pins fixed to one side of the base, a brim fixed to the base, an inlet port in the base, an exit port in the base, and a handpiece interface tab fixed to the side of the base opposite the array of pins, applying a mechanical force to the tissue, and illuminating said tissue with at least one wavelength of light through the optical clearing device. A method may further comprise controlling the temperature of the tissue illuminated.

FULL DESCRIPTION

SUGGESTED USES

ADVANTAGES

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	8,323,273	12/04/2012	2006-731

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OTHER INFORMATION

CATEGORIZED AS

- » Medical
- » Devices

RELATED CASES

2006-731-2

