

Device for Controlling and Limiting Thermal Injury to Tissue During Thermal procedures

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BACKGROUND

Various thermal techniques are under development that generate heat in the nasal septum. One concern related to these procedures is that heating the septum or its component structures (e.g. cartilage, bone, mucous membrane, perichondrium, blood vessel) will result in full thickness injury.

TECHNOLOGY DESCRIPTION

University researchers have developed a new device that reduces or eliminates full thickness injury.

APPLICATIONS

This device may be useful for otorhinolaryngology, orthopedics, plastic surgery, general surgery, and dermatology procedures in the body. The best application may be for use in septoplasty operations.

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	11,357,589	06/14/2022	2003-132

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OTHER INFORMATION

CATEGORIZED AS

- » Medical
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