

Title (en)

METHOD FOR MARKING COAGULATION SITES ON A RETINA AND SYSTEM FOR COAGULATING THE RETINA

Title (de)

VERFAHREN ZUR MARKIERUNG VON KOAGULATIONSSTELLEN AUF EINER RETINA SOWIE SYSTEM ZUR KOAGULATION DER RETINA

Title (fr)

PROCÉDÉ POUR MARQUER DES POINTS DE COAGULATION SUR UNE RÉTINE ET SYSTÈME DE COAGULATION DE LA RÉTINE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010130456A1] The invention relates to a method for marking coagulation sites on a retina by means of a light source having the following steps: projecting a serial spot sequence of the light source from a sequential, one-dimensional series of individual spots on the retina by means of a beam deflection unit, wherein the individual spots indicate the coagulation sites; waiting for confirmation of the sequence of individual spots by means of entry of a confirmation signal; after confirming the sequence of the individual spots, recalculating an automated sequence of steps having a further serial spot sequence and projection of the same on the retina according to the first step; and subsequent repeating of the second and third steps. The invention further relates to a system for coagulating the retina, having an imaging diagnostic unit, a therapy beam for coagulating coagulation sites, a pilot beam for marking the coagulation sites by means of a spot sequence, a beam deflecting unit for generating the spot sequence and for positioning the therapy beam, an electronic control unit for controlling the above devices, a software interface, and an interactive interface.

IPC 8 full level

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Citation (search report)

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