

Title (en)

SYSTEM AND METHOD FOR PRE-TREATMENT PLANNING OF PHOTODYNAMIC LIGHT THERAPY

Title (de)

SYSTEM UND VERFAHREN ZUR PLANUNG EINER PHOTODYNAMISCHEN LICHTTHERAPIE

Title (fr)

SYSTÈME ET PROCÉDÉ POUR LA PLANIFICATION PRÉTRAITEMENT D'UNE LUMINOTHÉRAPIE PHOTODYNAMIQUE

Publication

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Application

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Abstract (en)

[origin: WO2010089416A1] A method and system for providing interstitial photodynamic and/ or photothermal therapy on a region of tissue in a body are disclosed. An optimized number of light sources and individual position of each of said light sources in said region of tissue as well as individual control parameters for each of said light sources is determined based on 3D or 4D image data of said region of tissue acquired by at least one image modality. Further, a computer based method of virtually planning a interstitial photodynamic and/or photothermal therapy session on a region of tissue in a body in a virtual environment is provided. A template for guiding said light sources in said tissue is based on production data from said virtual planning.

IPC 8 full level

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