

Title (en)
TREATMENT PLANNING FOR ELECTROPORATION-BASED THERAPIES

Title (de)
BEHANDLUNGSPLANUNG FÜR AUF ELEKTROPORATION BERUHENDE THERAPIEN

Title (fr)
PLANIFICATION DU TRAITEMENT POUR LES THÉRAPIES PAR ÉLECTROPORATION

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Application
EP 10824248 A 20101018

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Abstract (en)
[origin: WO2011047387A2] The present invention provides systems, methods, and devices for electroporation- based therapies (EBTs). Embodiments provide patient-specific treatment protocols derived by the numerical modeling of 3D reconstructions of target tissue from images taken of the tissue, and optionally accounting for one or more of physical constraints or dynamic tissue properties. The present invention further relates to systems, methods, and devices for delivering bipolar electric pulses for irreversible electroporation exhibiting reduced or no damage to tissue typically associated with an EBT-induced excessive charge delivered to the tissue.

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Citation (search report)
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