

Title (en)
TRANSMYOCARDIAL REVASCULARIZATION USING RADIOFREQUENCY ENERGY

Title (de)
TRANSMYOKARDIALE WIEDERGEFÄSSBILDUNG MIT RADIOFREQUENZENERGIE

Title (fr)
REVASCULARISATION TRANSMYOCARDIQUE AU MOYEN D'ENERGIE RADIOFREQUENCE

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Abstract (en)
[origin: WO9917671A1] The invention is directed to a system and method for revascularization of a patient's heart tissue by at least one burst of RF energy over an interval of about 1 to about 500 msec, preferably about 30 to about 130 msec. The device preferably has an elongated insulated, electrical conducting shaft with an uninsulated distal tip which is configured to emit RF energy. A method is described for myocardial revascularization of a human heart in which an elongated flexible device is used which includes a radiofrequency ablation device. In some embodiments, the device is configured to be introduced percutaneously, on other embodiments, the device is configured to be introduced intraoperatively. The RF energy emitter is advanced to a position adjacent a desired area of the heart wall. The device is activated, moving tissue to form a revascularization channel.

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