ABSTRACT

METHOD AND DEVICE FOR MINIMALLY INVASIVE IN VIVO TRANSFECTION OF ADIPOSE TISSUE USING ELECTROPORATION

A method and device for electroporating adipocytes in the adipose layer of tissue, where the device includes a frame, 1-1 a first electrode coupled to the frame having a first contact surface, a second electrode coupled to the frame having a second contact surface, and where the first contact surface and the second contact surf ace define a treatment zone therebetween. The method including positioning a fold of tissue between the first and second electrodes such that the treatment zone formed between the two electrodes V includes an adipose layer of tissue and no skeletal muscle.

Figure 1.