

Title (en)
APPARATUS FOR MODULATING PERFUSION IN THE MICROCIRCULATION OF THE BLOOD

Title (de)
EINRICHTUNG ZUR PERFUSIONSMODULATION IN DER MIKROZIRKULATION DES BLUTES

Title (fr)
SYSTÈME POUR MODULER UNE PERFUSION DANS LA MICROCIRCULATION SANGUINE

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Abstract (en)
[origin: WO2010086301A1] The invention relates to an apparatus for modulating perfusion in the microcirculation of the blood. Said apparatus comprises a first device for generating a pulsed electromagnetic field having a synchronous or asynchronous specific pulse sequence of a periodic electromagnetic field, including a first group of pulses lasting 0.1 to 0.2 seconds at 35-100 μ T and a second group of pulses lasting 10 to 20 seconds at 2-40 μ T, a second device for circulating the lymph flow, said second device being used to trigger massaging pulses at increasing and decreasing pressures via several massaging arrangements located next to each other, a third device for emitting infrared radiation, said third device emitting at least one heat pulse, and a control unit which controls the pulses of the three devices in such a way that two or three devices simultaneously emit pulses. The apparatus makes it possible to significantly improve individual parameters of the microcirculation and also the macrocirculation of the blood.

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Cited by
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