Thermophysical Properties of Biologically Active Points and Their Surrounding Skin Points

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In this work we present some measurement of the thermal properties (diffusivity) of the so-called Biologically Active Points (BAP´s) PC4 and PC6 from the forearm and their surrounding skin tissue (about 1 cm around, where the skin surface has similar quality to the surface of the BAP considered). These measurements are important because some of the reported works about BAP mention that the thermal parameters are different but to our knowledge, there are no scientific references to support such a claim. The evaluations were performed in vivo by infrared photo-thermal radiometry technique using a beam of 514 nm wavelength and modulation frequencies from 10 to 100 Hz. We find that even when there could be a slight difference in this parameter for some points, if we take into account the normal variability of the thermal diffusivity of the skin, we cannot demonstrate statistical significance for such differences to assure that such points are special at least in the thermal parameters.