FINGERTIP AND TOE TIP TEMPERATURE ANALYSIS: A DISTRIBUTION PROFILE PATTERN OF SUBJECTS IN AN ACADEMIC SETTING

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Abstract: The energy profile of humans is conjectured to be the lowest at the feet and highest at the apex of head implying higher consciousness at the head and lower consciousness at the foot. It has been previously reported that differential in temperatures at the fingertips represents alteration in consciousness. The objective of this preliminary study was to determine the temperature at the center and very close to the surface of the toe tips and fingertips. It is our hypothesis that there will be a differential temperature between the different fingers and toes and different locations of the tips versus the center of the finger and or the toe. Eight male subjects inclusive of faculty and students in the Faculty of Engineering at Dayalbagh educational Institute were enrolled in this study. The temperature were recorded using a FLUKE 62 mini IR thermometer producing laser in the wavelength ranging in the wavelength 630-670 nm. The probe was pointed on the surface of the skin and the temperatures were read from the device. It was demonstrated that the average heat index of the position closest to the fingertip was highest on the index fingertip and lowest in the second fingertip of the left hand while in the legs the highest was in the first toe and the lowest at the fifth toe. These results are indicative of low heat energy in the extremities of the foot while the heat energy of the finger tips is higher. Thus, temperature disparity in fingertips and toe tips is indirectly a measure of the level of consciousness. We conclude that the lower part of the boy has less heat energy which corresponds to lower consciousness as compared to upper part of the body.