Year-long biophoton measurements: normalized frequency count analysis and seasonal dependency

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Abstract

Biophoton emissions from three healthy human subjects were measured for 52 weeks. The active nature of dorsal hands and personal discernable patterns in palmar hands were investigated through frequency count analysis of biophoton emission rates. Also, the seasonal dependency of biophoton emission rates from human hands was studied and we found that emission rates were lowest in autumn. There was a reversion of relative emission rates from the palms and the dorsa depending upon the season. The emission rates from the palms remain rather stable throughout the year, but those from the dorsa vary widely depending upon the season. These features of biophoton emission rates were considered in light of the diagnostic view of traditional Chinese medicine.