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**Original article:**

**Study of association of interdigital patterns and ABO blood groups**

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**Abstract**:

Dermatoglyphics, the study of palm prints are the patterns of the ridged skin of the digits, palms & soles, which are constant and individualistic. Dermatoglyphic study of finger tip & palmer patterns had been done extensively in various genetic and metabolic disorders. The present study is carried out to see the co-relation between the interdigital patterns and ABO blood groups. The study included 785 medical students of the age between 18 to 22 yrs. The palm prints were taken by using the kores duplicating ink. Parameters studied were patterns in interdigital areas as Thenar I1 area, I2 area, I3 area, I4 area and Hypothenar area. In the present study frequency of I2 patterns in males and females of blood group A & O when compared shows insignificant (P > 0.05 ) statistical difference while frequency of I2 patterns in males and females of blood group B & AB when compared shows significant (P < 0.05 ) statistical difference

**Key words**: dermatoglyphics, blood group, interdigital patterns.