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Sex specific occurrence of palm line patterns (PLP) in *Homo sapiens* in eastern region of U. P. (India)

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Abstract

Five hundred peoples of different sex i.e. male and female have been observed in relation to palm line pattern study. They exhibited 27 % and 13.09 % 3FxC pattern, 38.0 % and 28.75 % 4FxC pattern, 11.40 % and 11.90 % 5FxC pattern, 2.8 % and 9.2 % 6FxC pattern and 0.4 % and 0.0 % 7FxC pattern has been reported. In few cases Left and Right Palm showed different pattern. The obtained data has been analyzed biostatistically. The obtained t-values 1.771 at $P < 0.104$ and 2.160 at $P < 0.05$ made the data significant.

Key words- PLP = Palm Line Pattern, DFC = Heart Line, PFC = brain Line TOC = Life Line VFC = Luck Line VLC II = Mercury Line FxC = Flexion crease (Palm Line).

Introduction

Human palm is consist of epidermal ridges furrows and Flexion crease also called “Palm Lines” which are found to be different from person to person and is used to forecast the fortune of person in different parts of the world. The Palm Line Pattern (PLP) has been categorized under five categories (1) 3 FxC, (2) 4 FxC, (3) 5 FxC, (4) 6 FxC, (5) 7 FxC (Priyadarshi and Gupta 2007). Palm Line Pattern is an important tool for the diagnosis of diseases. Fatty palm, Darker DFC with Iceland and star over it in Saturn zone with beaky VLC II and a vertical line from Venus region to Jupiter region indicates the possibility of cardiovascular disease (Priyadarshi 2009). We have carried out a critical observation of 500 peoples belonging to different sexes i.e. male and female. The sex specific data has been tabulated, studied and analyzed biostatistically by student t-test.

Materials and methods

The persons belonging to different sex male and female were studied from the different districts of Purvanchal as Mirzapur, Jaunpur, Varanasi, Chandauli and Ghazipur. The blue print of Palm (Left and Right both) were taken on data sheet including, name, age, sex, profession etc. Palm Line Pattern (PLP) print was taken on glazy paper by applying water soluble ink on palm, for the special Palm Line Pattern cases. Some special pattern was obtained digitally by camera.

Results and discussion

The obtained data among 500 peoples including male and female showed 27.0 % and 13.09 % 3FxC pattern, 38.0 % and 28.75 % 4FxC pattern, 11.40 % and 11.90 % 5FxC pattern, 2.8 % and 9.2 % 6FxC pattern and 0.4 % and 0.0 % 7FxC types of Palm Line Pattern in male and female population respectively. Furthermore several cases have been reported where left and right palm showed different pattern as $\frac{3}{4}$ FxC, $\frac{4}{5}$ FxC, $\frac{5}{6}$ FxC, $\frac{3}{6}$ FxC, $\frac{4}{6}$ FxC, $\frac{4}{7}$ FxC, $\frac{5}{3}$ FxC, $\frac{7}{3}$ FxC, $\frac{7}{4}$ FxC, as 18.0 %, 7.4 %, 1.4 %, 0.4 %, 1.2 %, 0.4 %, 0.6 % and 0.3 % in male population.

Table 1. Palm Line Pattern in Male Population

Pattern (PLP)	%
3FxC	27.0
$\frac{1}{4}$ FxC*	18.0
4FxC	38.0
$\frac{4}{5}$ FxC*	7.4
5FxC	11.4
$\frac{5}{6}$ FxC*	1.4
6FxC	2.8
7Fxc	0.4
$\frac{3}{6}$ FxC*	0.4
$\frac{4}{6}$ FxC*	1.2
$\frac{7}{7}$ FxC*	0.4
$\frac{5}{3}$ FxC*	0.4
$\frac{7}{3}$ FxC*	0.6
$\frac{7}{4}$ FxC*	0.3

* = Left/Right

Table 2. Palm Line Pattern in Female Population

Pattern (PLP)	%
3FxC	13.09
$\frac{1}{4}$ FxC*	10.70
4FxC	28.75
$\frac{4}{5}$ FxC*	3.57
5FxC	11.90
$\frac{5}{6}$ FxC*	7.14
6FxC	9.52
$\frac{6}{7}$ FxC	0.00
7FxC	0.00
$\frac{3}{6}$ FxC*	1.10
$\frac{4}{3}$ FxC*	7.14
$\frac{4}{6}$ FxC*	3.57
$\frac{5}{3}$ FxC*	1.10
$\frac{5}{4}$ FxC*	2.38

* = Left/Right

