

(56)

(P≤0.025)

في عدد الخطوط ما بين الاصابع ( b-c ) (P≤0.05)

**Abstract**

Dermatoglyphics study of 56 patients with thalassaemia B , comparison was made with the normal series . The male patients show significantly lower (P≤0.025) in (b-c) interdigital ridge counts by comparison with the control. Female patients also show significantly different at level (P≤0.05) .

These findings on interdigital ridge counts indicate those genetic effects in dermatoglyphics of thalassaemia.

Triradius

c-d b-c a-b Interdigital

(2) (1)

(4) (3) b-c a-b

Turner syndrome a-b

(5)

(30)

(26)

56

Control

(11-10)

. ( t-test ) T

(1)

58

T

b-c

58 T

(P≤0.025)

2.26

(P≤0.025) في حين لم يلاحظ وجود فرق معنوي في متوسطات كلا

2.485

(2)

c-d a-b المتغيرين

(9)

(12)

(11)

(10)

(7)

(2)

b-c

c-d a-b

(P≤0.05)

2.54

102

T

(13) (1)

(3) Dermatitis herpiform

(1)

	$\pm$			$\pm$			
5.57	$37.83 \pm 1.02$	30	5.85	$38.40 \pm 1.07$	30		a - b
5.58	$38.3 \pm 1.02$	30	4.77	$39.07 \pm 0.87$	30		
5.53	$38.07 \pm 0.71$	60	5.30	$38.73 \pm 0.68$	60		
5.12	$28.9 \pm 0.93$	30	4.92	$24.8 \pm 0.90$	30		b - c
5.42	$26.87 \pm 0.99$	30	4.25	$24.33 \pm 0.78$	30		
5.30	$27.73 \pm 0.68$	60	4.56	$24.57 \pm 0.59$	60		
9.62	$34.13 \pm 1.76$	30	6.58	$35.67 \pm 1.20$	30		c - d
6.51	$34.67 \pm 1.88$	30	6.51	$33.97 \pm 1.19$	30		
8.15	$34.4 \pm 1.05$	60	6.54	$34.82 \pm 0.84$	60		

(2)

	$\pm$			$\pm$			
9.15	$1.79 \pm 32.77$	26	5.95	$1.17 \pm 37.96$	26		a - b
9.20	$1.8 \pm 36.31$	26	8.63	$1.69 \pm 39.15$	26		
9.26	$1.28 \pm 34.54$	52	7.37	$1.02 \pm 38.56$	52		
7.17	$1.41 \pm 23.88$	26	6.37	$1.25 \pm 27.73$	26		b - c
6.88	$1.35 \pm 24.88$	26	5.39	$1.06 \pm 28.08$	26		
6.98	$0.97 \pm 24.38$	52	5.85	$0.81 \pm 28.90$	52		
8.76	$1.72 \pm 32.23$	26	5.08	$1.00 \pm 35.42$	26		c - d
8.44	$1.65 \pm 30.73$	26	5.97	$1.17 \pm 36.08$	26		
8.82	$1.22 \pm 32.98$	52	5.50	$0.76 \pm 35.75$	52		

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- 1- Laha , N.N. (1978) . Finger print patterns in health and disease . Medical Times. 8:6.
  - 2- Rothammer , F.; Pereira , G.; Camousseight , A. and Benado , M. (1971) . Dermatoglyphics in schizophrenic patients. Hum. Hered. 21: 198-202.
  - 3- Roberts , D.F.; Abdullah , N.; Marks , J. and Shuster , S. (1978). Dermatoglyphics in dermatitis herpetiformis . British Journal of Dermatology. 99: 627-634 .
  - 4- Farman , N.; Borgaonkar , D. and Zaczek , B. (1979). Dermatoglyphic studies in Turner syndrome Dermatoglyphics – fifty years later. New York .  
 .(1988) -5  
 ( )  
 . (2001) -6  
 ( )
  - 7- Fang , T.C. (1949). A comparative study of the a-b ridge count on the palms of mental defectives on general population . J. Ment. Science. 93: 945-948.
  - 8- Pons , J. (1964). Genetics of a-b ridge count on human palm . Ann. Hum. Genet. 27: 273-278.
  - 9- Singh , S. (1967). Dermatoglyphics in schizophrenia . Acta. Enet. Basel. 17: 338-350.
  - 10- Verbov , J.L. (1970). Dermatoglyphics in Leukaemia . J. Med. Genet. 7(125): 125-131.
  - 11- Verbov , J.L. (1973). Dermatoglyphics in early – onset diabetes mellitus . Hum. Hered. 23: 535-543.
  - 12- Shiono , H.; Kadowaki , J.; Tanda , H. and Hi;ita , M. (1977). Dermatoglyphics of Klinefelter , S sundrome . J. Med. Genet. 14: 187.
  - 13- Karmakar , B. and Malhotra , K.C. (1981). Palmar dermatoglyphics in schizophrenia . Dermatiglyphics . 2 (1) : 17-29.