

Do Blood Groups Link with Feet Size?

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Abstract

Object of the present study was to correlate blood grouping with the feet size. 176 students were participating in this project. ABO blood group system consists of ABO gene. The gene is located on log arm of ninth chromosome.

Keywords: Foot Size; Blood Grouping

Introduction

ABO blood group system was discovered by Karl Landsteiner in 1909. ABO blood group system is classified according to the presence of one or both or neither of A, B or O antigen ABO blood group system is consist of ABO gene. This gene is located on log arm of ninth chromosome. It is one of the most important blood group systems out of 36 blood group system. It is present in animals [1].

RH blood group was discovered by Karl Landsteiner in 1937. The Rh blood group system is classified according to the presence of Rh factor. The Rh is abbreviation of the monkey at the time it was believed that the antigen found in both human and the monkey. But later it was proved that Rh not found in human [2].

The size of your feet is also change when you drop your pounds. Feet flatten over time due to the loss of elasticity in supporting tendons and ligaments resulting in a lower arch and an elongation of the sole along with a spreading of the toes. Foot size also changes by wearing tight shoes. The shoe make feet thinner.

Material and Methods

Tooth pick, glass slides, Anti serum, Needle I took three antibodies A, B, D. Then I pricked my finger with needle. Three drops of blood was placed on glass slide. One drop of antiserum placed on blood drops. Then I mixed it with the tooth pick. Coagulation occurred on the A and B. No change occurred on D. My blood group was AB.

Project

A questionnaire was prepared about feet size.

Statistical Analysis

Statistical analysis was performed by MS Excel. Mean +SD were calculated.

Results and Discussion

A+ subject has maximum feet while AB- and A- individuals have minimum or small size feet. The total ratio of A positive female 7.8 and male has 1.2. The total ratio of A negative is 0 and 0. The total ratio of B positive female is 1.3 and male 6.8. The total ratio of B- is 0.7 and male 0.6. The total ratio of AB+ female has 0.6 and male

ratio is 1.1. AB-has ratio male and female is 0. The ratio of O+ in female has 1.2 and male has 6.9. The total ratio of O- in female has 0.7 and male has 0.8.

	Female	Male
A+	7.8	1.2
A-	0	0
B+	1.3	6.8
B-	0.7	0.6
AB+	0.6	1.1
AB-	0	0
O+	1.2	6.9
O-	0.7	0.8

Table 1: Questionnaire based studies have been given important outcomes in current researches [3-10]. No studies about this project were present.

Conclusion

It was concluded from present study that gender is of no matter in studying about feet size. Some females have large feet size and some male have large feet size.

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