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CORRELATION OF BLOOD GROUPING WITH LIKENESS OF FISH AS FOOD

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ABSTRACT

Classification of the human blood isbased on the inherited properties of red blood cells determined by the presence or absence of antigens A, B and O type. There were 163 students that participated in our project that we performed in blood grouping and a survey about likeness of fish. And this survey has not ever performed by anyone previously. So we are the first who performed the survey and researched on likeness of fish as food in correlation of blood grouping.It was concluded that different people with different blood groups have different likeness in fish.

Key Words: Likeness of fish,Conversation,Blood Grouping

INTRODUCTION

Classification of the human blood isbased on the inherited properties of red blood cells determined by the presence or absence of antigens A, Band O type. These blood groups were first identified and introduced byKarl Landstienerin 1901.These blood groups may be antigen A, antigen B or antigen O. According to him, Type A antigen contains the antibodies against type B. If accidently blood of type B is injected into the blood of type A, the red cells in the injected cells will be destroyed by the antibodies of the recipients' blood. Similarly type A antigen can be destroyed by anti A antibodies in type B antigen. But type O is called the UNIVESAL DONOR as it can donate blood to all groups i.e. type A, B or O. But it can receive blood only from O. while type AB is called the UNIVERSAL RECIPIENT as it can receive blood from type A, Band O.

These blood groups are common throughout the world but with highest frequencies blood group O is common mostly in south n Central America, type B is common in ASIA, n type A is common in AUSTRALIA with their highest frequencies(1)

Type of any specific antigen present on the surface of red blood cells, such type of cells are called Rh+ factor. While persons lacking such type of antigens are called Rh - factor. Blood of Rh- persons is incompatible to Rh+ persons and if an Rh- woman who bears Rh+ infant will have formed antibodies against Rh+ infant unless they are removed from the bloodstream otherwise these antibodies will be carried across the placenta n will destroy the red blood cells of Rh+ resulting in erythroblast sis.Rh incompatibility causes complications in first pregnancy but it does not affect the health of mother but if Rh antibodies are develop they could be dangerous to the fetus during later pregnancies. Rh disease can cause severe anemia, brain damage, and jaundice n heart failure in newborn baby. Rh was first identified in rhesus monkey so it is named after rhesus as Rh.(2)

Fish is a very high protein food.It has numerous health benefits. It is low in bad fats and rich in good and healthy fats and which are good for health. Fish is a source of omega 3 and omega 6 fats. It is an aquatic organism. There are also many types of fish. Some people rare fish in artificial fish farms and ponds. The most favorite food of people of BANGLADESH isfish. It is also very popular in ASIA and many other countries. People like to eat fish in different ways in different countries. It is a healthy diet. It I the source of many good fats.

Objective

Purpose of the present study was to correlate ABO blood group system with the likeness of the fish.

MATERIAL AND METHODS

Blood Grouping

We performed a practical in which we took blood and placed it on the slide in the form of three drops n then we put three drops of antigens on these drops of blood i.e. antigen A ,antigen B n antigen D. Antigen A was colored yellow ,antigen B was colored blue n antigen D was colorless . If antigen D burst it indicates that the

blood group is positive n if it does not burst it indicates that the blood group is negative .If antigen A burst then the blood group would be A n if antigen D also burst then it would be A positive, antigen D does not burst it would be A negative .Similarly same scheme is for B blood group n O blood group. If neither of the antigens burst then the blood group would be O negative n if only antigen D burst then the blood group would be O positive

Project Design

A question for survey was prepared about the likeness of the fish. The question was asked in a survey that whether people like fish in eating or not .Different people have different reviews n likeness about fish.

Statistical Analysis:

Statistical analysis was performed in MS excel and we noted that different people of different blood groups have different likeness in eating fish. Majority of the people have the likeness in fish and they like to eat fish while minority does not have likeness in fish n they does not like to eat fish i.e. 17 percent people with blood group A like fish n 1 percent does not like. Similarly 30 percent with blood group B like fish while 6 percent hate it. 6 percent with blood group AB like fish n 1percent does not like. In the same way 28 percent people including male n female like fish n 7 percent people do not like it. It is better shown in table. This survey is basically carried out between MSc. N BS students of BZU with total strength of 163 students

RESULTS AND DISCUSSION

Correlation of blood grouping with likeness of fish is shown in table no.1. Where people with different blood groups have different likeness in fish .the survey was carried out in male n female in which different people.

BLOOD GROUPS	YES	NO
A	17%	1 %
B	30%	6.13 %
AB	6.13%	1.22 %
O	28.8%	7.9 %

Questioner based studies have given us important outcome in current researches (3-10).But, there are no any research on internet that correlate blood group with likeness of fish in eating.

Conclusion:

It was concluded that different people with different blood groups have different likeness in fish. And this survey has not ever performed by anyone previously.So we are the first who performed the survey and researched on likeness of fish as food in correlation of blood grouping.

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