

## The Impact of Blood Grouping on Horror Movies Loving

Muhammad Imran Qadir & Muhammad Asif\*

*Institute of Molecular Biology and Biotechnology, Baha Uddin Zakariya University, Multan, Pakistan.*

*\*Correspondence: asiflang786@gmail.com*

Article Received: 29 August 2018

Article Accepted: 28 November 2018

Article Published: 21 January 2019

### ABSTRACT

The objective of present study was to correlate blood grouping with "Horror Movies Lovers". Total of 177 subjects participated in this study. The subjects were students in Baha Uddin Zakariya University, Multan, Pakistan. Human blood groups can be of many types, e.g. ABO, MN, MNSs, Rh etc. ABO blood group classification is the most customary system existing inside human. It is designed on the basis of specific antigens present on RBCs. These antigens are A and B having antibodies production in blood. Before beginning the procedure of blood group test, some materials are needed. A blood grouping toolkit contains Anti-A sera, B sera, D serum (Anti-RhD sera), cavity slides, mixing sticks and blood lancet. It was consented subjects about watching horror movies. There were some subjects excited and some felt nervous while watching horror movies. Some subjects said that it was a fascinating experience and some of them said that it was like a horrible dream. It was concluded from present study that the subjects having blood group B+ are more daring towards watching horror movies than other blood groups. The subjects of blood group AB- are feared from watching horror movies.

**Keywords:** Blood groups, horror movies, universal recipient, universal donor, Annabelle, The Ring.

### INTRODUCTION

Human blood groups can be of many types, e.g. ABO, MN, MNSs, Rh etc. ABO blood group scheme is very familiar system present within human. This system was discovered by Karl Landsteiner. It is based on the basis of specific antigens present on RBCs. These antigens induce creation of specific antibodies. ABO system has four phenotypes, i.e. A, B, AB, O. A person holding antigen A has blood group A. A person containing antigen B has group B. A person comprising both the antigens A and B holds blood class AB. One having no antigens possesses blood group O. This blood group type is determined through only polymorphic gene I. Gene I has 3 alleles  $I^A$ ,  $I^B$ , and  $i$ .  $I^A$  indicates production of antigen A.  $I^B$  specifies manufacture of antigen B.  $I^A$  and  $I^B$  are codominant to each other produces both antigens A and B. Allele  $i$  is recessive so it produces no antigens. A blood group contains B antibodies. B blood group has A antibody. AB blood group contains neither anti-A nor B antibodies. O blood type contains both type of antibodies (1). AB blood group is known as the Universal Blood Recipient since it can accept blood from each of blood types. O blood group is classified as the Universal Blood Donor because it can donate blood to all types of blood. The Rh element on the surface of red blood cells describes the positive and negative sign with ABO blood types (2).

Number of scary and horror movies are available on cinema, google etc. Many around us are horror movies lovers but some feel so panic with them. Some examples are 'The Conjuring', 'The NUN', 'ANNABELLE', 'A QUIET PLACE', 'ALLIEN COVENANT', 'The RING', The SUICIDE FORESRT etc. These movies have good as well as bad effects on the health of their lovers. Watching such type of movies activates the mechanism 'Fight or Flight'. Actually danger does not exist but these movies make our body feel so. The response can be increase heartbeat, blood pressure, blood flow to the muscles, faster breath, release of adrenaline hormone (Emergency hormone) and

sweating etc. Your heartbeat rate increases up to 28% as like you are doing some hard exercise. Some people feel less fear because they watch such movies many times and have been experienced. This helps you in real life for facing horrible situations for example sudden appearance of snake etc.

The objective of present study was to correlate blood grouping with “Horror Movies Lovers”.

## **MATERIALS AND METHODS**

### **BLOOD GROUPING PROCEDURE**

When patient wishes a blood transfusion so it is important that the blood donated by transfusion is friendly with the patient’s blood. It is for if mismatched blood is transfused, the patient can face dangerous allergic reactions even death. The surety is given through making an experiment of testing ABO blood groups. Before starting the procedure, some materials are needed. A blood grouping toolkit contains Anti-A sera, Anti-B sera, Anti-D sera (Anti-RhD sera), cavity slides, mixing sticks and blood lancet. Before starting, wear the gloves. Put the hand down to enhance the stream of blood around the fingers. Hygiene the fingertip to be penetrated with spirit usually ring otherwise medium finger. By the aid of hygienic lancet, puncture the finger then put three drops of blood into all of three holes on the slide. Add one drop of three anti sera A, B and D into labeled each cavity. Stir together blood droplet and the antiserum using new mixing stick. Note coagulation(clumping) in the shape of well red grains in 30 seconds. Anti RhD acquires somewhat longer time to clump as contrasted to Anti A and B.

The description of the result is based on the careful observation. If clumping is perceived while blood is blended with A reagent, then the being has the blood category A. If agglutination is discovered when blood is amalgamated with Anti B reagent, then the entity is said to retain blood group B. Appearing of clattering in both A and B reagent, then the individual has blood set AB. If no lump is noticed when blood is fused with Anti A and Anti B reagent, then the personage has blood collection O. If clumping is detected when blood is merged with Anti RhD, then the single is said to have +ve Rh factor. If agglomeration is not seen when blood is intermingled with Anti RhD, then the singular is said to have negative Rh feature.

### **PROJECT DESIGNING**

It was consented subjects about watching horror movies. There were some subjects excited and some felt nervous while watching horror movies. Some subjects said that it was a fascinating experience and some of them said that it was like a horrible dream.

Total of 177 subjects participated in this study. The subjects were students in Baha Uddin Zakarya University Multan, Pakistan.

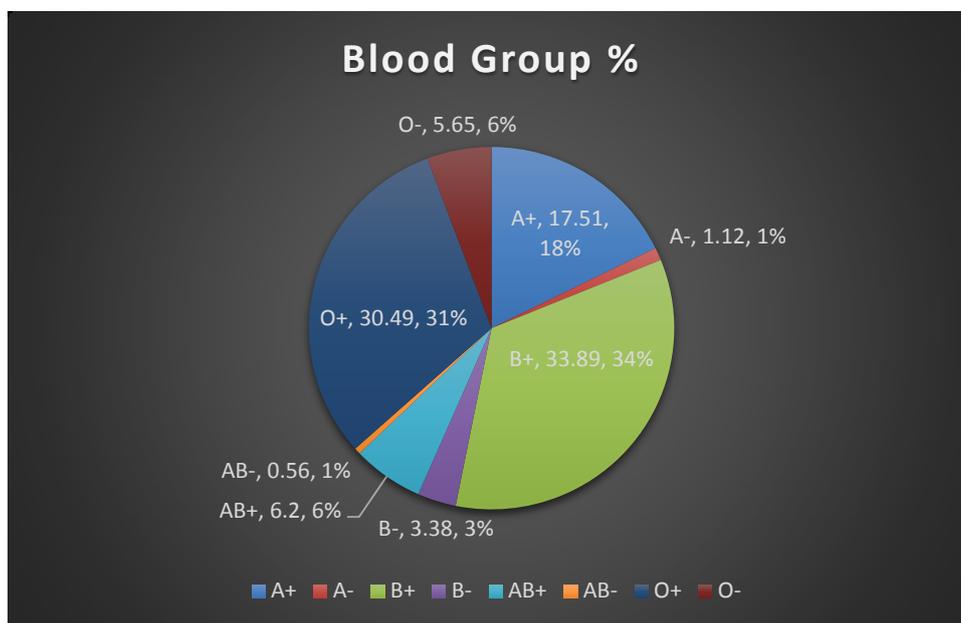
### **Statistical Analysis**

Were performed by using MS Excel.

## RESULTS AND DISCUSSION

The impact of blood grouping on horror movies loving is given in pie chart 1.

Blood Group	Blood Group %
A+	17.51
A-	1.12
B+	33.89
B-	3.38
AB+	6.2
AB-	0.56
O+	30.49
O-	5.65



Questionnaire based studies have given an important advancement in recent researches (3-10). There is no previous research about this project.

## CONCLUSION

It was concluded from present study that the subjects having blood group B<sup>+</sup> are more daring towards watching horror movies than other blood groups. The subjects of blood group AB<sup>-</sup> are feared from watching horror movies.

## REFERENCES

1. Qadir MI, Malik SA (2010) Comparison of alterations in red blood cell count and alterations in hemoglobin concentration in patients suffering from rectal carcinoma undergoing 5-fluorouracil and folic acid therapy. *Pharmacologyonline*, N1 3: 240-243.
2. Qadir MI, Noor A (2018) *Anemias. Rare & Uncommon Diseases*. Cambridge Scholars Publishing. Newcastle, England. ISBN: 978-1-5275-1807-0.
3. Qadir MI, Javid A (2018) Awareness about Crohn's Disease in biotechnology students. *Glo Adv Res J Med Medical Sci*, 7(3): 062-064.
4. Qadir MI, Saleem A (2018) Awareness about ischemic heart disease in university biotechnology students. *Glo Adv Res J Med Medical Sci*, 7(3): 059-061.
5. Qadir MI, Ishfaq S (2018) Awareness about hypertension in biology students. *Int J Mod Pharma Res*, 7(2): 08-10.
6. Qadir MI, Mehwish (2018) Awareness about psoriasis disease. *Int J Mod Pharma Res*, 7(2): 17-18.

7. Qadir MI, Shahzad R (2018) Awareness about obesity in postgraduate students of biotechnology. *Int J Mod Pharma Res*, 7(2): 14-16.
8. Qadir MI, Rizvi M (2018) Awareness about thalassemia in post graduate students. *MOJ Lymphology & Phlebology*, 2(1): 14-16.
9. Qadir MI, Ghalia BA (2018) Awareness survey about colorectal cancer in students of M. Phil Biotechnology at Bahauddin Zakariya University, Multan, Pakistan. *Nov Appro in Can Study*, 1(3): NACS.000514.2018.
10. Qadir MI, Saba G (2018) Awareness about intestinal cancer in university student. *Nov Appro in Can Study*, 1(3): NACS.000515.2018.