

'O' Blood Group and Personality Trends



Medical Science

KEYWORDS : Blood group 'O' and Personality, Blood group and Behavior, Blood group and Emotions

Dr. Kavita G U

Professor, Department of Pathology, S.S. Institute of Medical Science and Research Centre, Davangere, Karnataka

Dr. Shashikala P

Professor and Head, Department of Pathology, and Coordinator, Department of Medical education, S.S. Institute of Medical Science and Research Centre, Davangere, Karnataka.

ABSTRACT

There are few studies conducted to analyze the various personality trends among various blood groups. This is a cross sectional study undertaken to assess the personality of people with blood group 'O'. Of the 395 students who responded to a pretested questionnaire, 161 medical students who had 'O' blood group were taken for study. People with blood group 'O', are emotional, kind, outgoing and social. They are innovative, creative and want to do things in a better and different way.

INTRODUCTION:

Among approaches to the study of psychological genetics, one of the most rewarding is that which seeks to associate a behavioral trait with a physical feature known to be largely hereditarily determined¹.

It is now widely accepted by scientists that genes determine our physical features, such as height or color. Studies have shown that approximately 40% of the variation in personality can be explained by genes.^{2,3} However, blood type is genetically predetermined and can be easily identified, so it has been used as a biological marker to assess the influence of genetic factors on personality in Canada⁴ Greece⁵ India^{6,7,8} Italy¹, Japan⁹ United States¹⁰ and Australia.¹¹

The lack of meaningful and valid personality measurements delayed exploration of relationships, but with the advent of factorial detection of source traits and resulting questionnaire and behavior tests for their measurement, it has become worthwhile to experiment¹.

AIM AND OBJECTIVES:

To study, the personality trends like leadership qualities, emotional quotient and organizational skills in 'O' blood group individuals.

MATERIALS METHODS:

This is a cross sectional study undertaken to assess the personality of people with blood group 'O'. Blood group 'O' being the most common blood group among the people of India, it was chosen for the study.

The study was conducted amongst medical students in a newly established medical college with strength of 450. A pre-tested questionnaire was distributed to the students. 395 students responded, out of which 161 students (35.78%) belonged to 'O' blood group. The personalities of these students were analyzed in detail, according to the answers provided by them for the questionnaire.

RESULTS:

Leadership qualities and organizational skills:

Qualities		Percentage
punctual		51%
Working interest	Same from start to end	28%
	Decreases towards end	32%
	Continue to work even if it is boring	24%
	Discontinue and start with a new task	17%

Enjoys leadership	53%
Does things in his own way	84%
Works to deadlines	42%
Takes up work one by one and completes	78%
Adapts to things and does them	53%

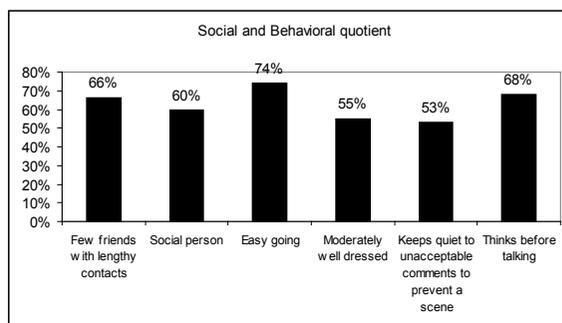
52% said they were sentimental and 54% said they were more impressed by emotions. When commenting, 32% felt it is necessary to convey their feelings and not bother whether the other person would be hurt. 53% wanted to keep abreast of other happenings in their social groups. When emotionally upset 52% said they would pretend to be cheerful.

Social and behavioral quotient:

Qualities	Few friends with lengthy contacts	Social person	Easy going	Moderately well dressed	Keeps quiet to unacceptable comments to prevent a scene	Thinks before talking
Percentage	66%	60%	74%	55%	53%	68%

Emotional quotient:

Qualities	Percentage
Impressed by principles	46%
Heart rules them	56%
Initiates conversation	46%
Feels other person may get hurt when making a comment	68%
Sentimental person	52%
When emotionally upset, reflects it in talks	48%
Attracted to sensible people	71%
Not comfortable to criticize someone	75%
Cannot accept criticism	51%



DISCUSSION:

People with blood group 'O', are emotional, kind, outgoing and social. They are initiators although they don't always finish what they start. In a survey conducted by *Calgary Herald news paper published on 5th Feb 2009*¹², type 'O's are very goal-oriented. Because majority say they are ruled by their heart, they are passionate, have long lasting friendship, not wanting to hurt others. These features were also noted in the present study. The group site *human-abo.org* says that people with Type 'O', found in 46 percent of Canadians, "generally seem to have emotional stability"¹³. However, as circumstantial pressure increases beyond the limit, those with this blood type often panic suddenly." They have less leadership quality. They are innovative, creative and want to do things in a better and different way.

CONCLUSION:

Several authors reported that, personality trends vary according to blood group. The present study to evaluate the personality trends of individuals with group 'O' shows that 'O' group individual are mostly ruled by heart, not comfortable to criticise other, easy going out, attracted to sensitive people, careful while commenting on others and avoid hurting others. They are innovative, being creative; want to do things in their own way. However a large number of people from various sectors and different age group have to be analysed for knowing more about the personality trends of different individuals with different blood groups.

REFERENCE

1. Catell RB, Boutourline H Y and Hundleby J D. Blood groups and personality traits. *Am J Hum genet.* V 16,1964. pp397-402. | 2. Costa P T and McCrae R.R. Four ways five factors are basic. *Personality Individual Differences.* V 13, 1992a. pp653-65. | 3. Jang K L, Livesley W J and Vernon P A. Heritability of the big five personality dimensions and their facets: a twin study. *J Personality* V 64, 1996. pp557-591. | 4. Cramer KM and Imaike E. Personality, blood type and five factor model. *Personality individual differences.* V 13, 2002. pp 663-65. | 5. Rineris P M, Christodoulou G N and Stefanis C N. Neuroticism and ABO blood types *Acta Psychiatrica Scandanavica.* V 61, 1980. pp 473-76. | 6. Gupta S. Blood groups and personality characteristics. *Personality individual differences.* V 3, 1990. pp 317-18. | 7. Jogawar V V. Personality correlates of human blood groups. *Personality individual differences.* V 4, 1983. pp 215-16. | 8. Marutham P and Prakash I J. Study of possible relationship of blood types to certain personality variables. *Indian J Clin Psychol.* V 17, 1990. pp 79-81. | 9. Furukawa T. Study of temperament and blood groups. *J Soc Psychol.* V 1, 1930. pp 494-509. | 10. Lester D and Gatto J. Personality and blood group. *Personality Individual Differences.* V 8, 1987. pp 267. | 11. Rogers M and Glendon A I. Blood type and Personality. *Personality Individual Differences.* V 34, 2003. pp 1099-1112. | 12. *Calgary Herald news paper* 5 Feb 2009. www.calgaryherald.com | 13. Group site www.human-abo.org