



UNDERSTANDING BLOOD DONOR DEFERRAL: A COMPREHENSIVE REVIEW

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INTRODUCTION

Blood Donors are the main stay for a blood centre to function. These blood donors often go through negative experience of donor rejection due to screening criteria. These donors are highly enthusiastic and motivated. This study of analysis of donor deferral will help us in evaluating the different reasons of deferral and thereby forming various strategies to redefine their experience.

AIMS & OBJECTIVES

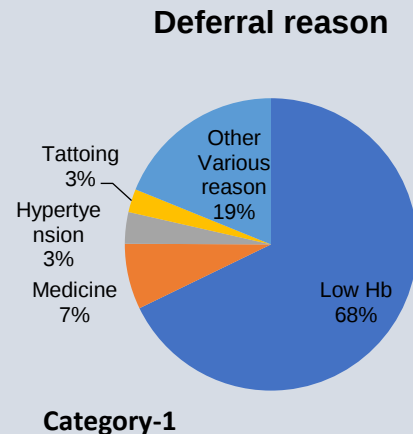
The objective of this study is to evaluate the reasons for deferral amongst potential blood donors.

MATERIALS & METHODS

This is the retrospective study done at Indian Red Cross Society, Ahmedabad Blood Centre from period of January 2023 to December 2023. The Donor deferral reasons are evaluated and categorized gender wise, age wise and main reason for deferral.

RESULTS

A total of 77,467 voluntary blood donors came to donate blood out of which 59,701(77.07%) were accepted for blood donation and 17,766 (22.93%) were deferred in which 7,329 were female and 10,437 were males having low haemoglobin 11,632 (67.81%) followed by medical supplements 1,245 (7.26%). The most deferral were seen in age category of 18-25 years followed by 26-33 years and the reason for their deferral was mainly Low Haemoglobin.



Age range (year)	Deferral Percentage (%)
Less than 18	0.16
18-25	21.95
26-33	19.65
34-41	18.88
42-49	16.02
50-57	8.95
58-65	12.44
Greater than 65	1.93

Category-2

Category-3

Male
58.75%

Female
41.25%

DISCUSSION

Identification of causes of donor deferral will help the health care system to adopt measures to increase awareness and to motivate donors which in turn will help to reduce the deficient blood supply. In this study the deferral donors were mostly temporary as we have voluntary donor pool.

CONCLUSION

The knowledge of this study will help us in identifying the reasons of deferral amongst the potential blood donor pool and help us in forming donor recruitment strategies. Blood donor deferral criteria are designed to protect both the blood donor and recipient. Voluntary blood donation recruitment through these strategies will lead to safe donor pool.

REFERENCES

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