



BACKGROUND & OBJECTIVES

Donor deferral can be categorized as either temporary or permanent. Over the last few years, many blood donation organizations have faced challenges due to declining donor numbers. This study aims to analyze the temporary reasons for donor deferral, focusing on five main causes over the last three years (September 2021 to July 2024) and to implement corrective actions to reduce these deferrals.

MATERIALS AND METHODS

We analysed the donor deferral data emphasizing temporary deferral, which included Low hemoglobin (Low Hb), Low blood pressure (Low BP), Tattoo, High blood pressure (High BP), Alcohol use etc.

Table 1 shows year wise total deferral during study period. Donors were counselled on lifestyle changes, such as dietary modifications and the use of hematinics in cases of Low Hb. When necessary, donors were advised to consult their doctors for further guidance.

Table 1. Year wise data of donor deferral

YEAR	2021	2022	2023	2024	Total
Total donors enrolled	10892	31069	31901	14983	88845
Accepted donors	8709	25072	26380	12473	72634
Deferred donors	2183	5997	5521	2510	16211

RESULTS

The total deferral rate during the study period (September 2021 to July 2024) was 16,211 out of 88,845 donors (18.35%).

As shown in figure 1. highest deferral was due to Low Hb (35.64%), followed by High BP (10.03%, Low BP (5.06%), Tattoo (3.47%) and alcohol (2.76%)

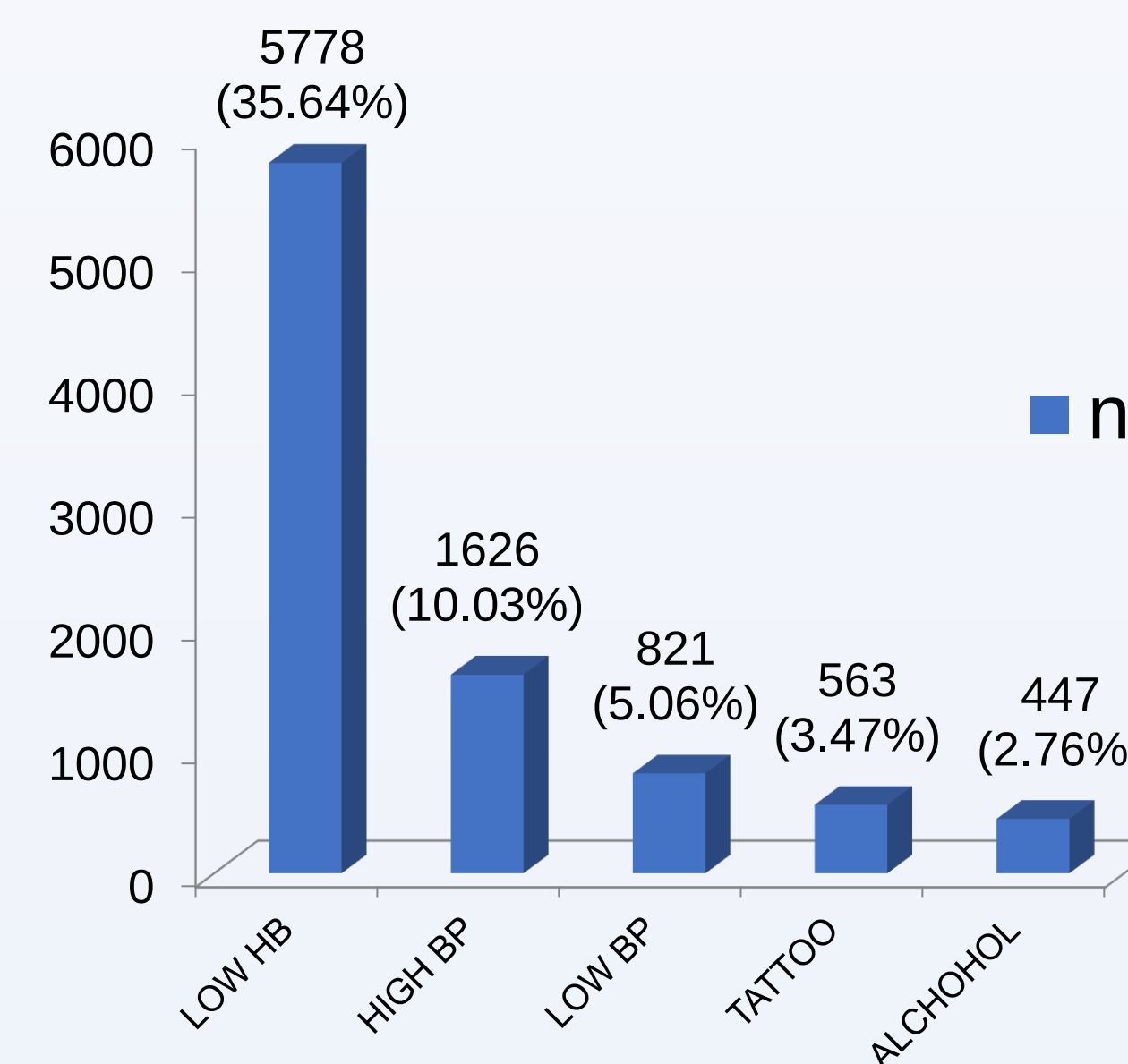


Figure 1. Important reason wise deferral

As shown in figure 2. we succeeded in reducing overall deferral rate over the study period

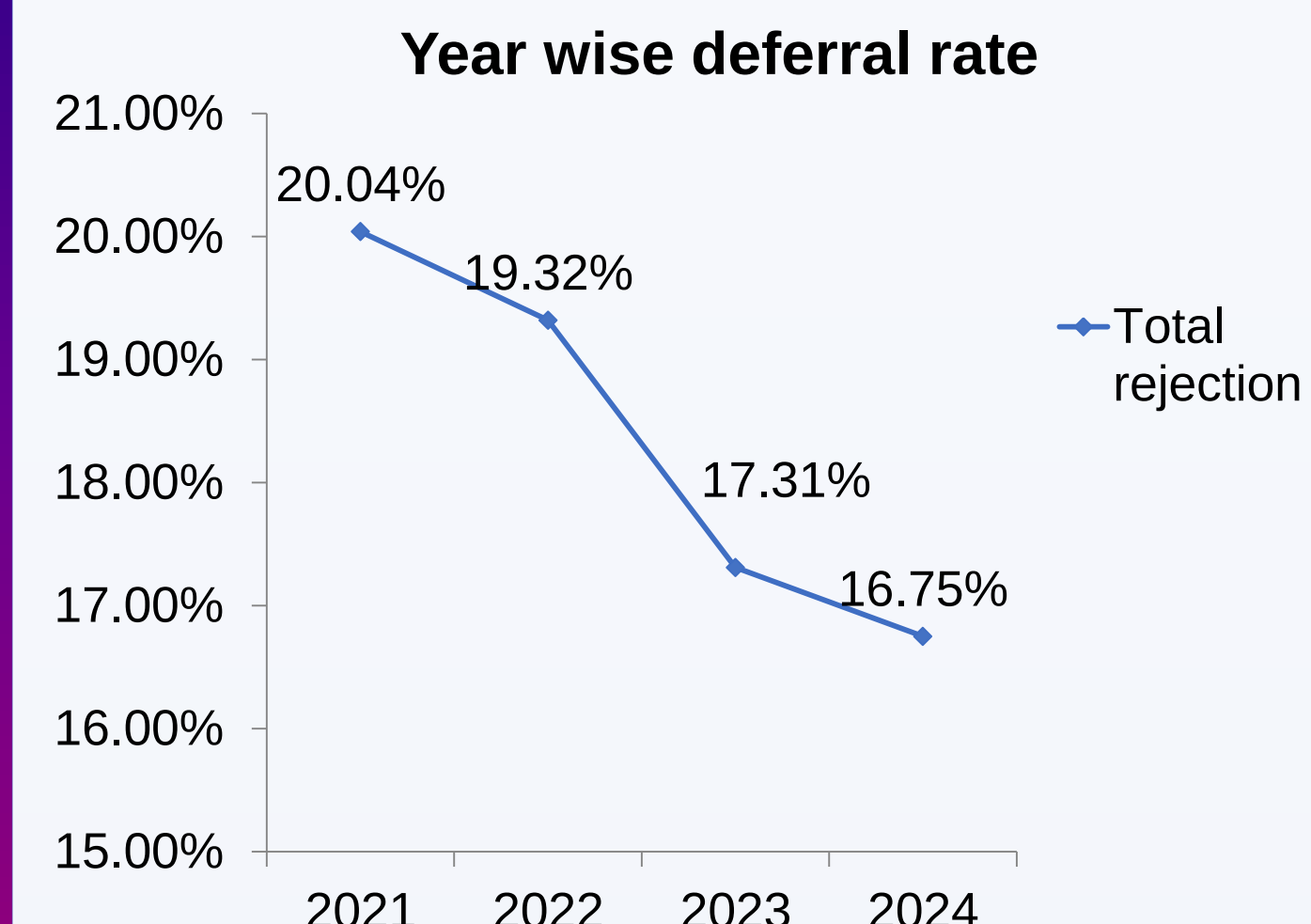


Figure 2. Year wise deferral rate

CONCLUSION

By analyzing and properly counselling deferred donors, we can significantly reduce deferral rates and minimize dissatisfaction among donors. The data shows a steady decrease in deferral rates over the study period.

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