



PREVALENCE OF TRANSFUSION TRANSMITTED INFECTIONS AMONG BLOOD DONORS AND THEIR RESPONSE TO NOTIFICATION

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Introduction:

Transfusion Transmitted Infections (TTI) pose a significant concern in the context of blood donation.

In order to ensure the safety of blood supply, blood donors in India are screened for HIV, Hepatitis B, Hepatitis C, Syphilis, and Malaria.

Donors are offered the option of knowing their TTI reactive status at the time of taking consent for blood donation.

Reactive donors are requested to visit the blood centre for further counseling and referral.

Aims & Objectives:

Aim:

To study the sero-prevalence of TTI and to evaluate the response rate of reactive donors to notification.

Objectives:

1. To evaluate the prevalence of TTI among whole blood donors
2. To evaluate the response of reactive donors to notification

Materials and Methods

This retrospective observational study was conducted in a tertiary care hospital in Delhi. Data on TTI reactive donors from January 2021 to December 2023 were collected from departmental records and registers.

Reactive donors were notified through three telephone calls immediately after test result, after 48 hours, and on day seven as per departmental Standard Operating Procedure. Responses were analysed.

Results and Reason of not responding



Conclusion:

The low response rate of counseling shows poor healthcare awareness and social stigma regarding TTI.

Donors unaware of their reactive status results in secondary transmission of infections.

Strict pre-donation counseling and proper notification is crucial to improve response rate and ensure blood safety.

References

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