TABLES

Table-1 Demographic characteristics of donors- successful donation and deferral

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Total** | **Donated** | **Deferred** |
| **Sex** |
| Male | 8125 |  7625 |  500 |
| Female | 398 |  302 |  96 |
| **Donor Status** |
| Repeat | 6052 |  5628 |  172 |
| First Timer | 2471 |  2299 | 424 |

Table - 2 Causes of temporary deferrals with their relative proportions

|  |  |  |
| --- | --- | --- |
| **Cause** | **Numbers** | **Percentage of temporary deferral**  |
| Low hemoglobin  | 59 | 17.25% |
| Alcohol | 45 | 13.15% |
| Tattoo & needle pricking  | 42 | 12.28% |
| Tuberculosis  | 25 | 7.30% |
| Dog bite  | 26 | 7.60% |
| Fever  | 25 | 7.30% |
| Jaundice  | 21 | 6.14% |
| Low weight | 20 | 5.84% |
| Medication | 18 | 4.38% |
| Malaria | 15 | 4.38% |
| Previous Surgery | 12 | 3.50% |
| Previous blood donation | 12 | 3.50% |
| Typhoid | 08 | 2.33% |
| Miscellaneous | 15 | 4.38% |

Table -3 Causes of Permanent Deferral with their relative proportions

|  |  |  |
| --- | --- | --- |
| **Causes** | **Number** | **Percentage of deferrals** |
| High Blood pressure and other cardiac problems | 95 | 19.6% |
| AGE >65 yr< 18 yrs | 66 | 25.97% |
| High risk behavior  | 35 | 13.77% |
| Thyroid dysfunction | 33 | 12.99% |
| Epilepsy  | 20 | 7.87% |

Table - 4 Comparison of deferral rates and most common reasons for deferral in our study with other studies.

|  |  |  |
| --- | --- | --- |
| **Study**  | **Deferral rate** | **Most common reason for deferral**  |
| Present study  | 6.99% | Age<65 and <18 yrs,high blood pressure Low Hb |
| Shiraz Blood Transfusion Center, Iran 2009[18] | 30.90% | Having risk factors that may be related to HIV or hepatitis infections (43.60%) Underlying diseases (31.90%) Non-eligible general conditions (13.50%) |
| Nigeria 2014 [19] | 16% | Low Hb 39%Hypertension 30%Weight < 45 2.4% |
| India 2014 [20] | 11.6% | Low Hb 33.5%Hypertension 11%Alcohol intake 10.8% |
| Turkey 2007 [11] | 14.6% | Low hematocrit (20.07%) Common cold (17.70%) High-risk sexual activity (16.70%) |
| Singapore 1993 [12] | 14.4% | Drug consumption Influenza Low hemoglobin |
| United States 2004 [9] | 13.6% | Low hemoglobin (60%) Emigration from an area with malaria (59%) Tattoo or needle exposure (29%) |