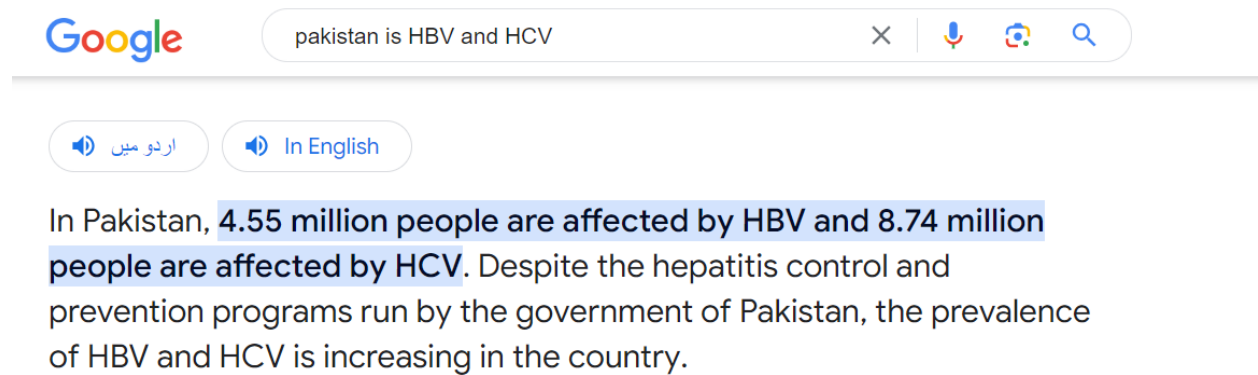


# ONLINE REAL-TIME BLOOD DONATION SYSTEM

HBV AND HCV:



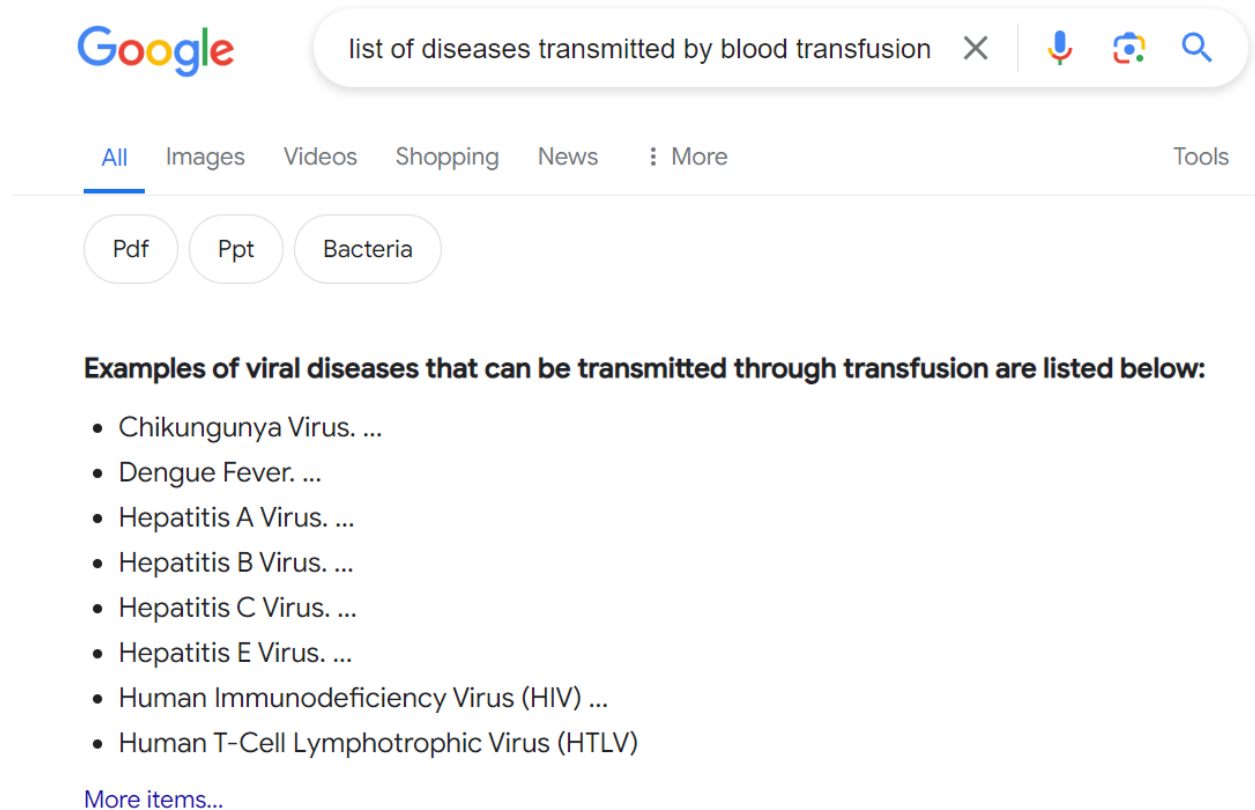
The screenshot shows a Google search interface. The search bar contains the text "pakistan is HBV and HCV". Below the search bar, there are two buttons: "اردو میں" (in Urdu) and "In English". The search results show a snippet of text: "In Pakistan, 4.55 million people are affected by HBV and 8.74 million people are affected by HCV. Despite the hepatitis control and prevention programs run by the government of Pakistan, the prevalence of HBV and HCV is increasing in the country."

WORLD TOP HBV AND HCV COUNTRIES:

Which country has the highest hep C rate?

Countries with the highest HCV prevalence ( $\geq 5\%$ ) are mainly low-middle income countries (LMIC), and include Egypt 4.4-15.0% [16], [17], Gabon 4.9-11.2% [18], Uzbekistan 11.3% [14], Cameroon 4.9-13.8% [19] Mongolia 9.6-10.8% [20], [21], Pakistan 6.8% [22], Nigeria 3.1-8.4% [19], Georgia 6.7% [23].

Diseases:



Google

list of diseases transmitted by blood transfusion

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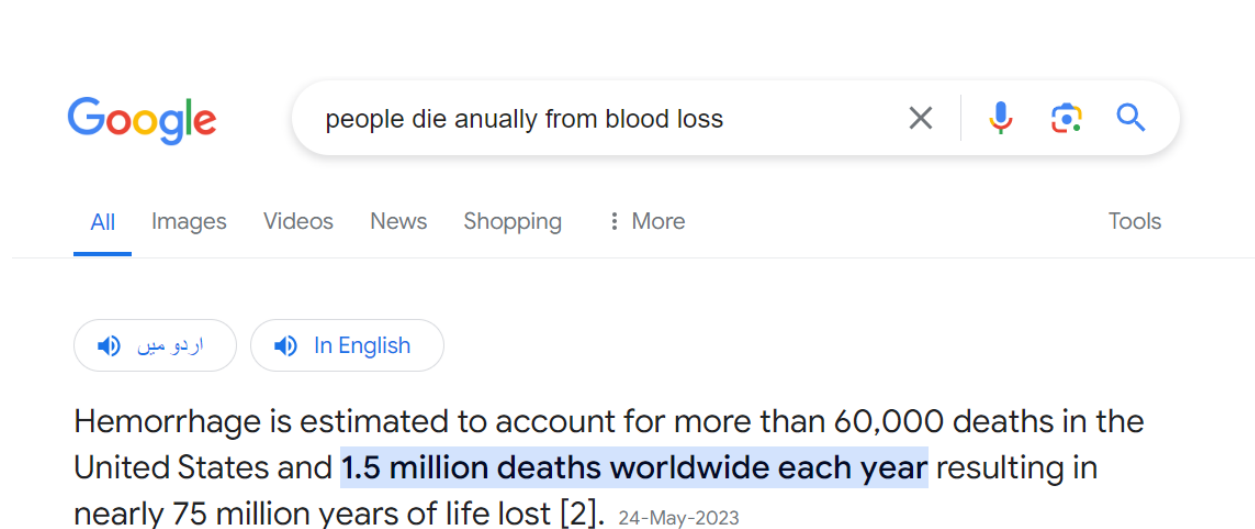
Pdf Ppt Bacteria

**Examples of viral diseases that can be transmitted through transfusion are listed below:**

- Chikungunya Virus. ...
- Dengue Fever. ...
- Hepatitis A Virus. ...
- Hepatitis B Virus. ...
- Hepatitis C Virus. ...
- Hepatitis E Virus. ...
- Human Immunodeficiency Virus (HIV) ...
- Human T-Cell Lymphotropic Virus (HTLV)

[More items...](#)

People Die From Blood loss:



Google

people die annually from blood loss

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اردو میں In English

Hemorrhage is estimated to account for more than 60,000 deaths in the United States and **1.5 million deaths worldwide each year** resulting in nearly 75 million years of life lost [2]. 24-May-2023

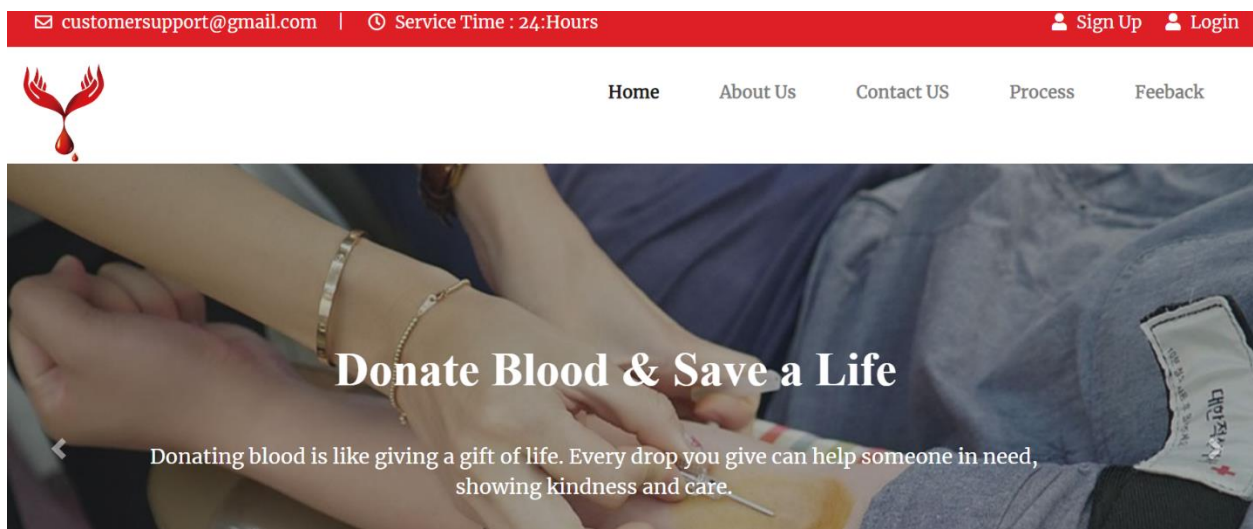
## Transfusion Transmitted Infections (TTIs):

According to the WHO, around 118.4 million blood donations are collected globally, with low-and-middle-income countries (LMICs) making 60% of the total contribution.<sup>1</sup> Although blood transfusion is a life-saving procedure, it carries with itself the risk of transmitting blood-borne diseases if not properly screened. Therefore, donated blood is tested for transfusion transmitted infections (TTIs), mainly HIV, syphilis, hepatitis B virus (HBV), hepatitis C virus (HCV), and malaria, before being made available for use.

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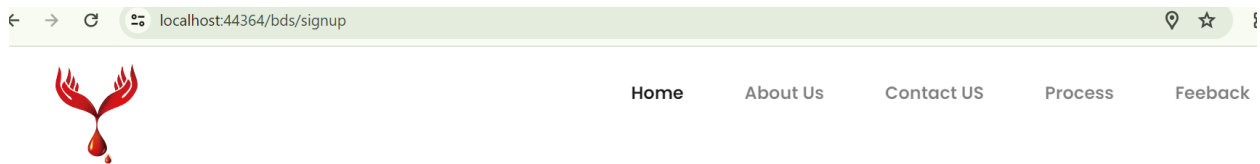
### How system will work

#### Donor, recipient and Blood center will sign up...

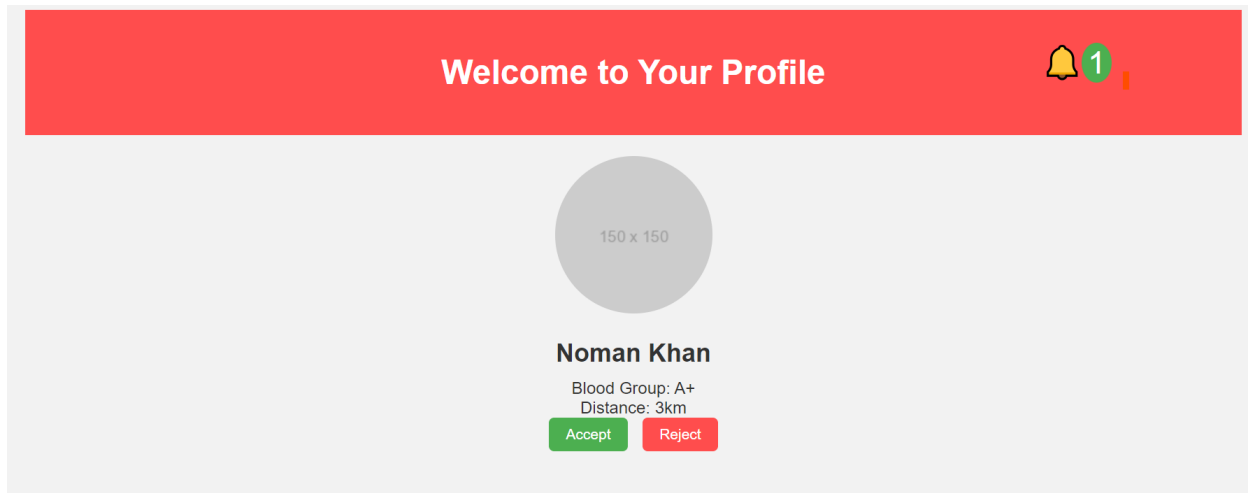


Recipient will Search there Blood Group...

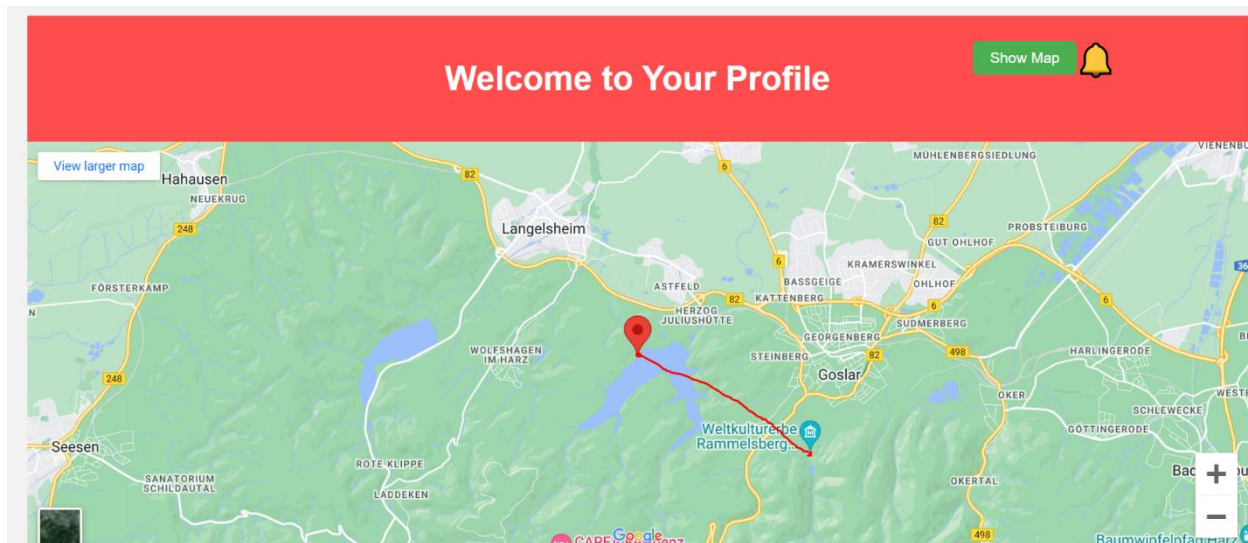
Welcome to My Search Page



## Donor side (Donor will Receive Notification of Recipient Request):



## After Accepting the donor and Recipient can see each other live locations. As



**Thank Your**

**END**