

## **Patient Data Collection and Usage for Organ Procurement and Transplant Management Portal**

### **Introduction:**

This document outlines the data collection and usage practices of our organ procurement and transplant management portal. We are committed to transparency and responsible data stewardship, ensuring your information is used ethically and securely.

### **Data We Collect:**

We collect various types of data from patients, including:

- **Personal Information:** Name, address, contact details, date of birth.
- **Medical Information:** Blood type, medical history, diagnoses, current health status, treatment details.
- **Donation Information:** Organ donation status, preferences, medical suitability for donation.
- **Recipient Information:** Compatibility criteria, medical urgency, waitlist status.

### **Data Usage:**

We use collected data for the following purposes:

- **Matching Donors and Recipients:** Matching compatible organs with suitable recipients based on blood type, medical history, and other factors.
- **Organ Procurement and Allocation:** Facilitating the safe and efficient procurement and allocation of organs according to established ethical guidelines.
- **Quality Assurance and Audit:** Monitoring and improving the quality of our services and ensuring compliance with regulations.

### **Data Security and Privacy:**

We take data security and privacy seriously. We employ industry-standard security measures to protect your information from unauthorized access, use, disclosure, alteration, or destruction. We also comply with relevant data privacy regulations, including the Digital Personal Data Protection Act (DPDP Act) of India.

### **Data Sharing:**

We will only share your data with third parties under the following circumstances:

- With your explicit consent.
- With healthcare providers involved in your donation or transplant process.
- With authorized government agencies as required by law.

### **Data Retention:**

We will retain your data for the period necessary to fulfill the purposes outlined above, unless required by law for longer periods.

## Organ Allocation and Matching:

### Allocation Principles:

We prioritize organ allocation based on a combination of factors, including:

- **Blood Type Compatibility:** Matching blood types is the most critical factor, ensuring the recipient's body can accept the organ without rejection.
- **Waiting Time:** Patients who have been waiting longer for a suitable organ may be given higher priority.
- **Medical Suitability:** The recipient's overall health and the likelihood of successful transplantation are considered.
- **Ethical Considerations:** We ensure fairness and non-discrimination in organ allocation, regardless of factors like socio-economic status, race, or religion.

### Other Considerations:

- **Geographical Proximity:** In some cases, prioritizing geographically close recipients may be beneficial for organ preservation and transportation logistics.
- **Transparency and Public Trust:** We strive for clarity and transparency in our allocation process, building public trust in the organ donation and transplantation system.

### Conclusion:

We are committed to responsible data collection and usage practices. We strive to ensure your information is used ethically, securely, and solely for the purpose of facilitating organ donation and transplantation. We encourage you to ask questions and learn more about our data practices.

### Contact Information:

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Data officer