

# DONOR TO PATIENT: 24 HOURS TO SAVE A LIFE



### **BLOOD DONOR**

About a pint of blood is drawn from a volunteer donor



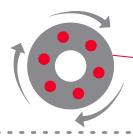
### (4) STORAGE

Within 24 hours of donation. Units suitable for transfusion are labeled, prepared for transport and stored.



# ⑤ DISTRIBUTION

Blood is packed in temperature-controlled containers for transport.



## **SEPARATION**

Your **blood** is separated into three parts for different therapeutic uses.



### **TESTING**

Blood is **tested** for multiple diseases to assure it is safe



### **Red Blood Cells**

- Carry oxygen through the body
- Used for patients with anemia or major blood loss
- Shelf life of 42 days



### **Platelets**

- · Cells that help stop bleeding after trauma or surgery
- Help re-build cancer patients' immune system after chemotherapy
- Shelf life: 5 days



### **Plasma**

- The liquid that carries cells through the bloodstream
- Used for shock and trauma patients
- Shelf life: 1 year



### (6) HOSPITAL

After some checks, the blood is ready to be transfused



# 7 PATIENT

A life is improved or saved when the right type of donation reaches the right patient.