

Blood and bone marrow donation

#BecomeAHero

Starovoytova Ekaterina

Blood donation

What is donated blood used for?



2% Trauma and road accidents

4% Obstetrics

10% Orthopaedic

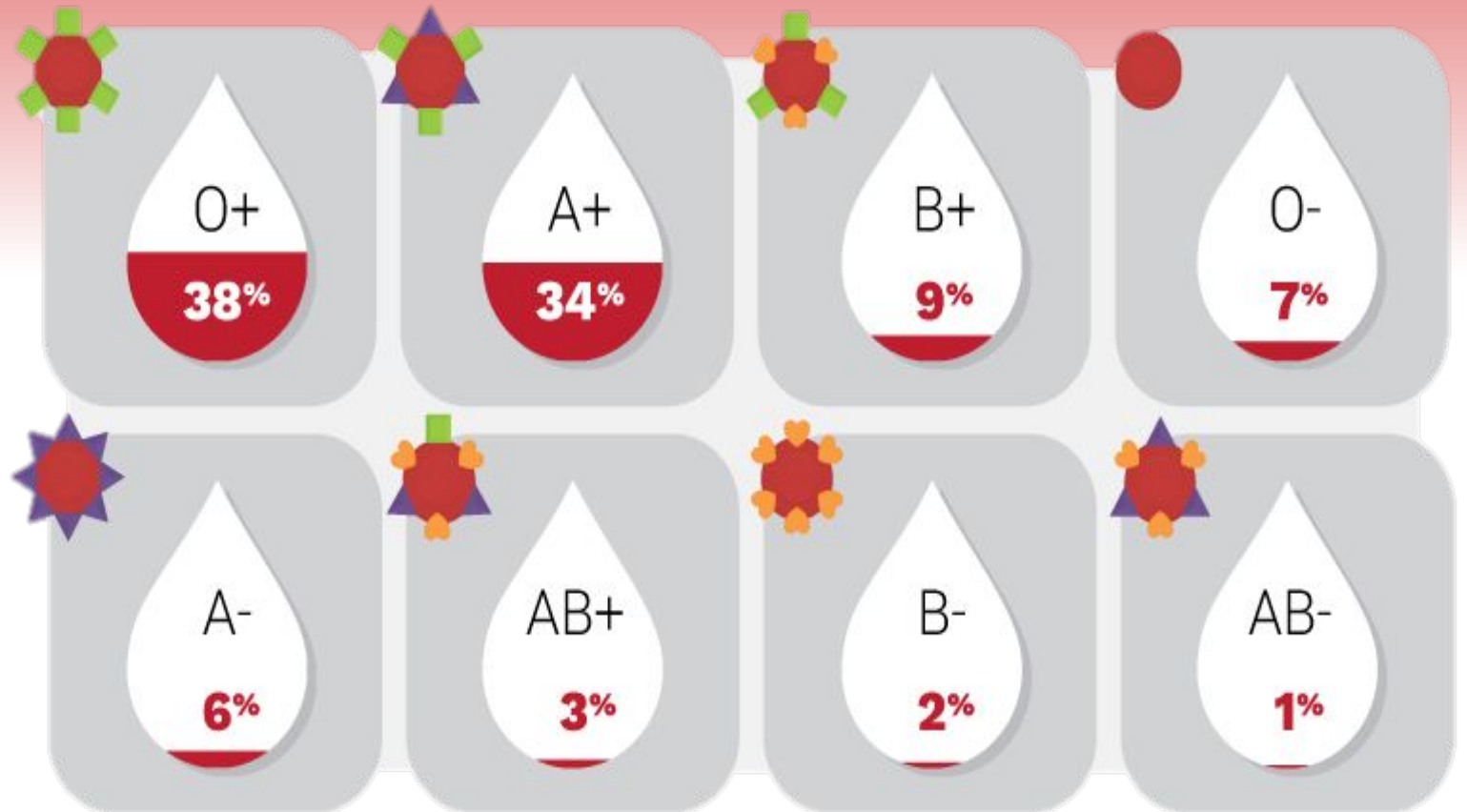
13% Other medical problems (Heart, Liver, Kidney)

18% Surgical

19% Patients with anemia

34% Cancer patients and Blood diseases

How rare is your blood type?



Donor Traffic Light

O (I)	A (II)	B (III)	AB (IV)
Rh+	Rh+	Rh+	Rh+
Rh-	Rh-	Rh-	Rh-



1 Pint

Blood cannot be artificially made. The only way to have enough blood to save lives is through your blood donations.

The absolute contraindications :

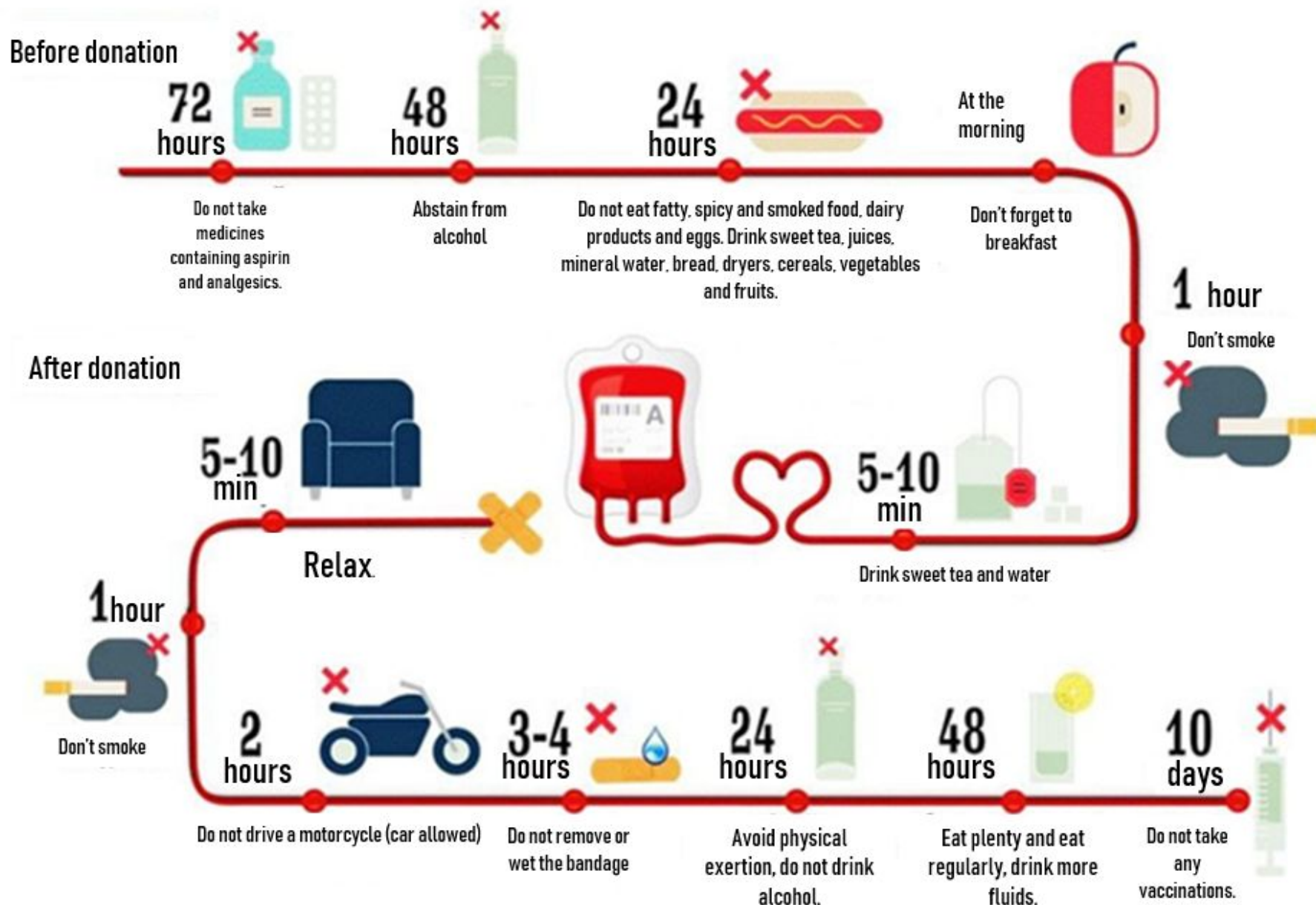
- infections,
- tuberculosis,
- blood diseases,
- oncological diseases
- and others.

Temporary contraindications

- tooth extraction (10 days),
- tattooing,
- piercing or acupuncture treatment (1 year), throat infections, flu (1 month from the moment of recovery),
- menstruation (5 days before and after), abortion (6 months),
- the period of pregnancy and lactation (1 year after childbirth, 3 months after the end of lactation),
- recent vaccinations.

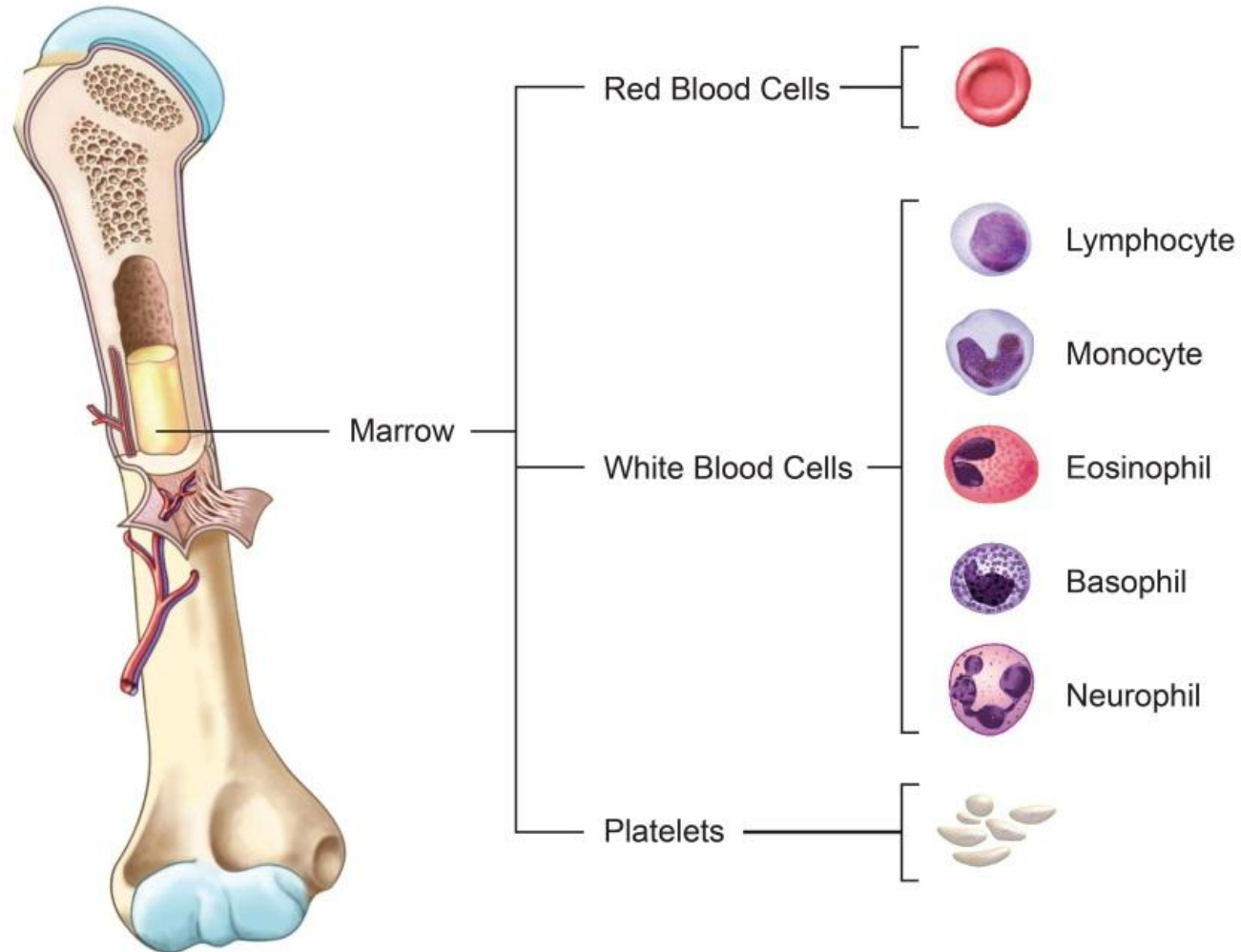


Before and after donation

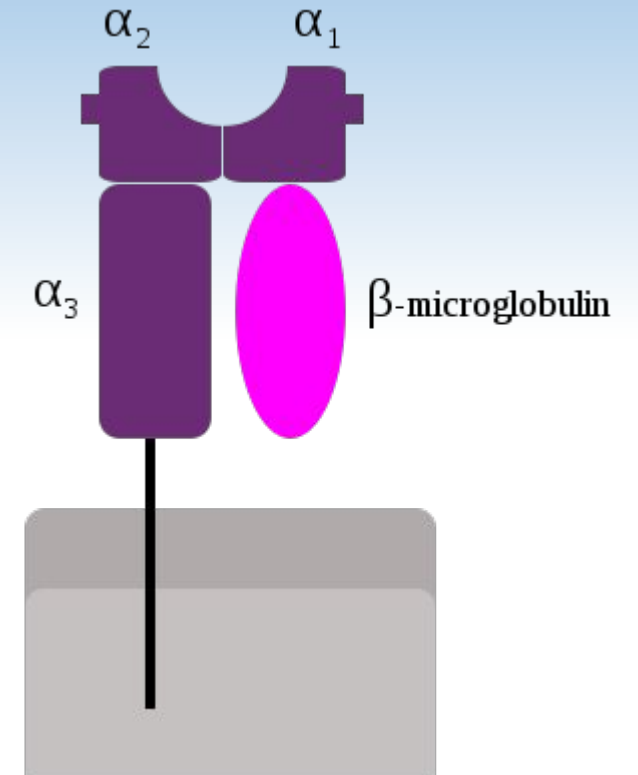
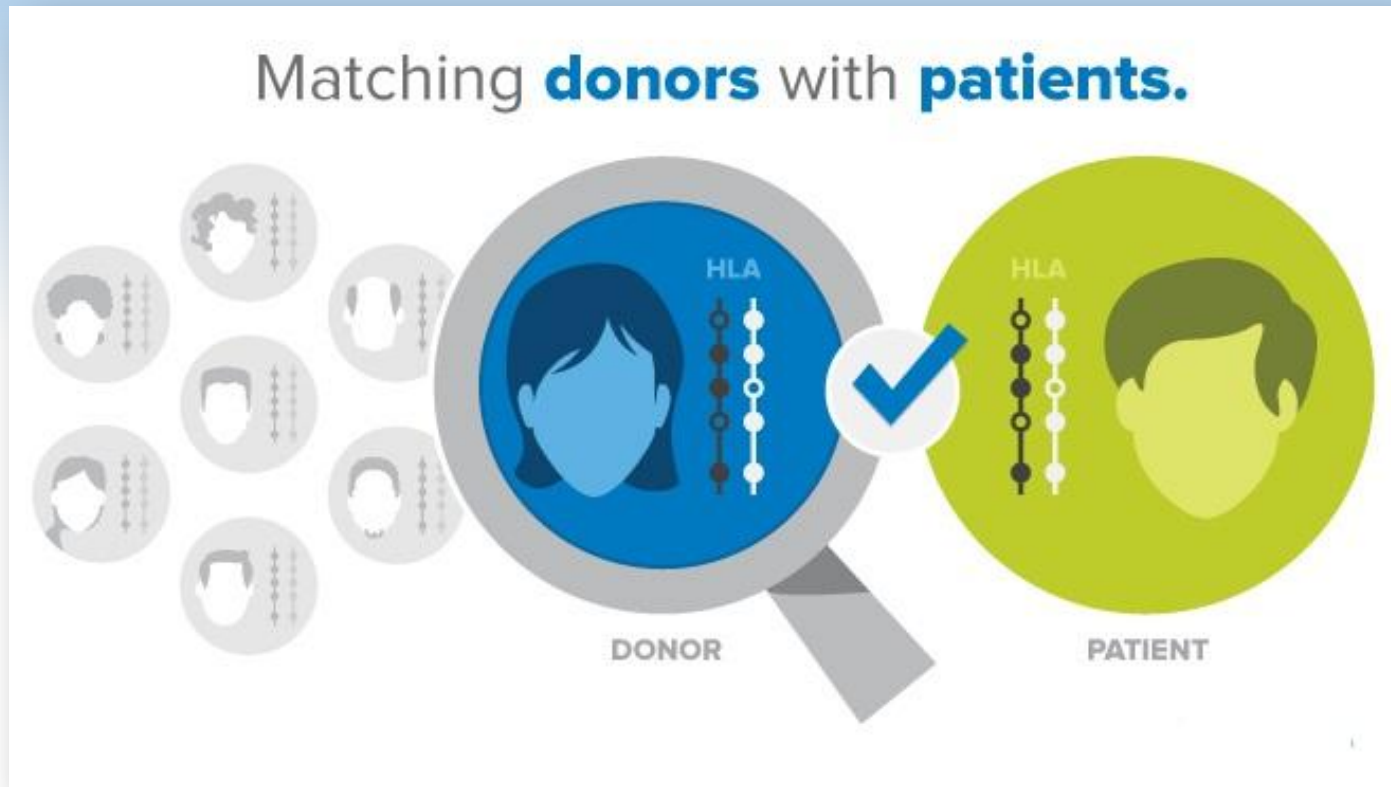


Bone marrow donation

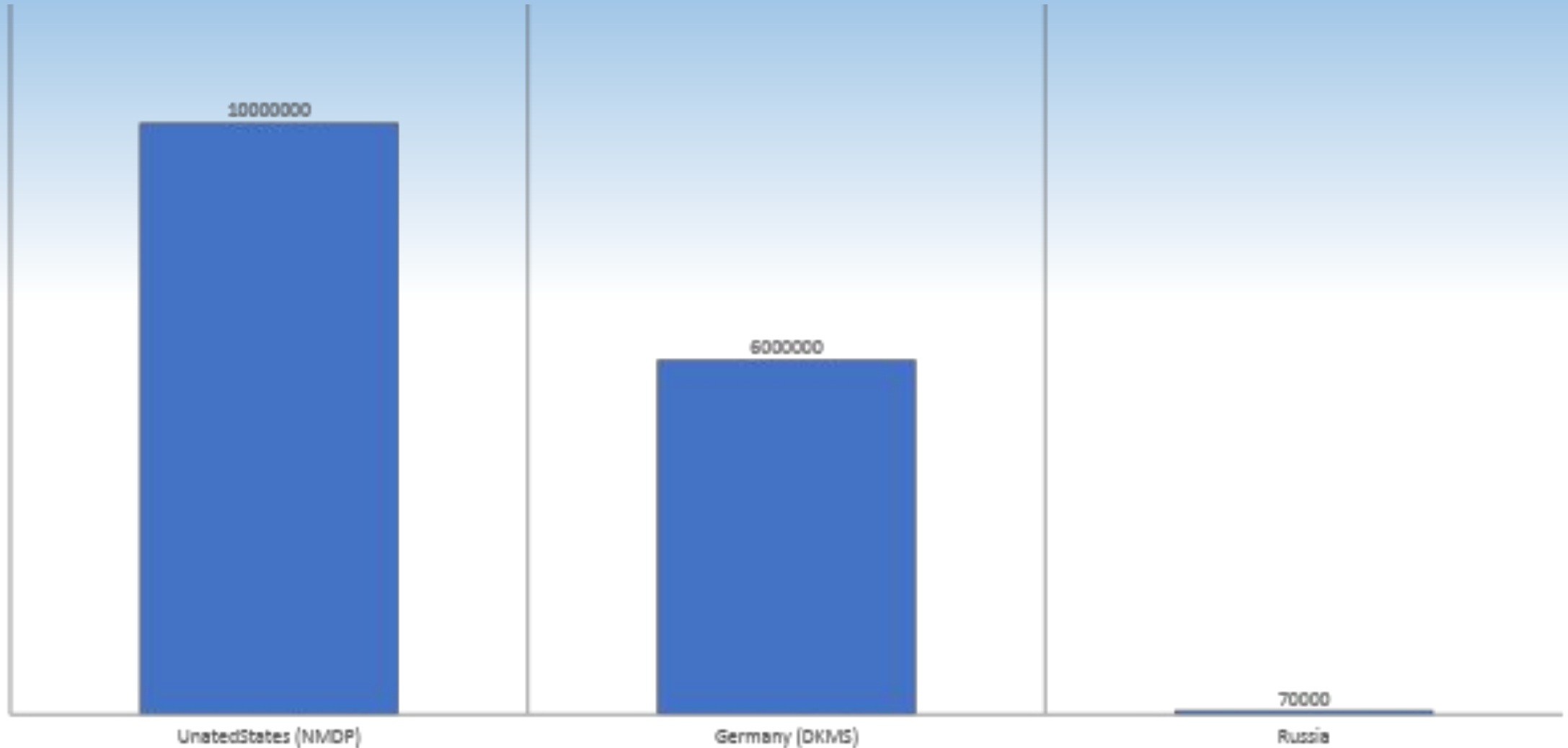
What's marrow?



Human leukocyte antigen



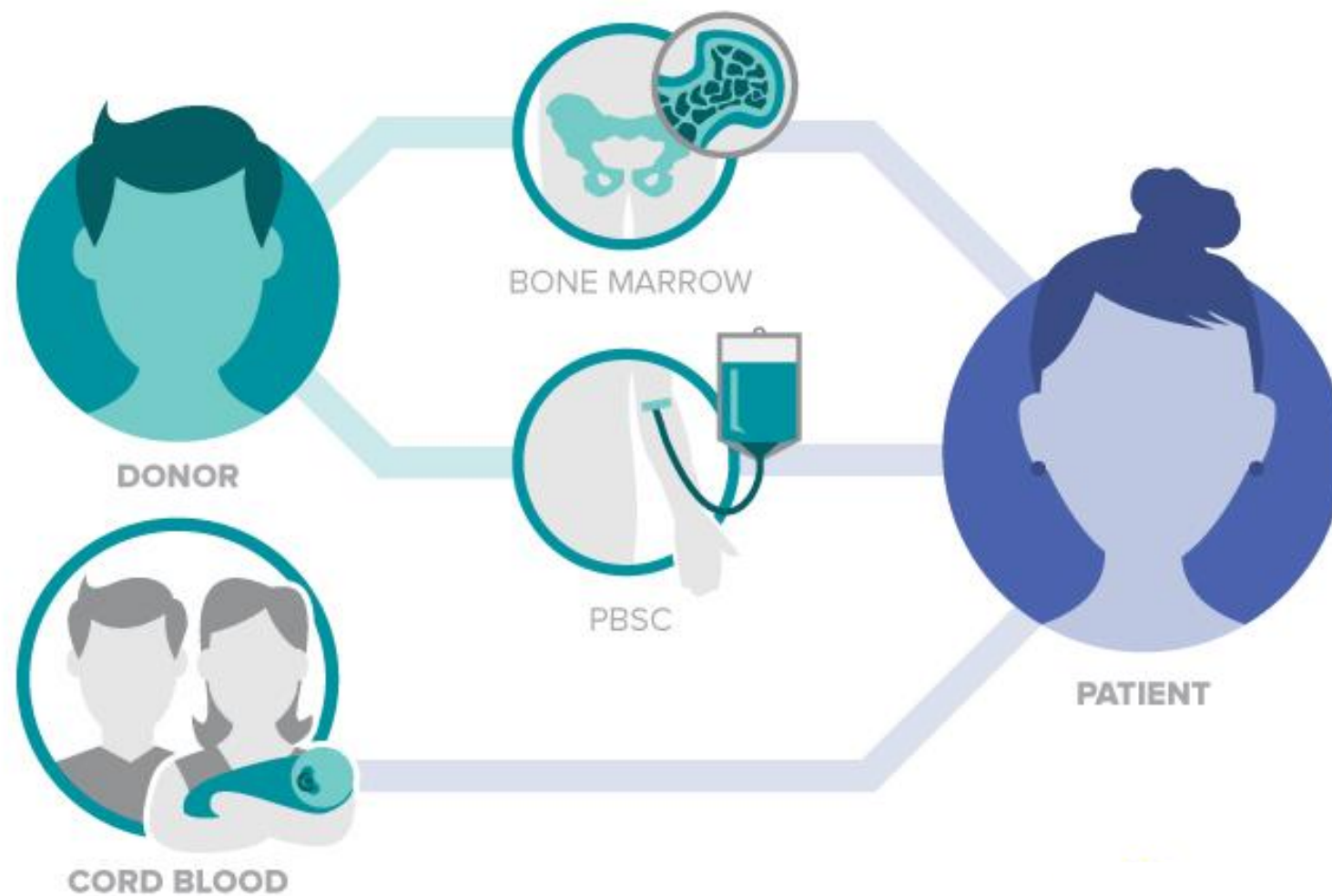
The registers for potential bone marrow donors



How **marrow donation** works:



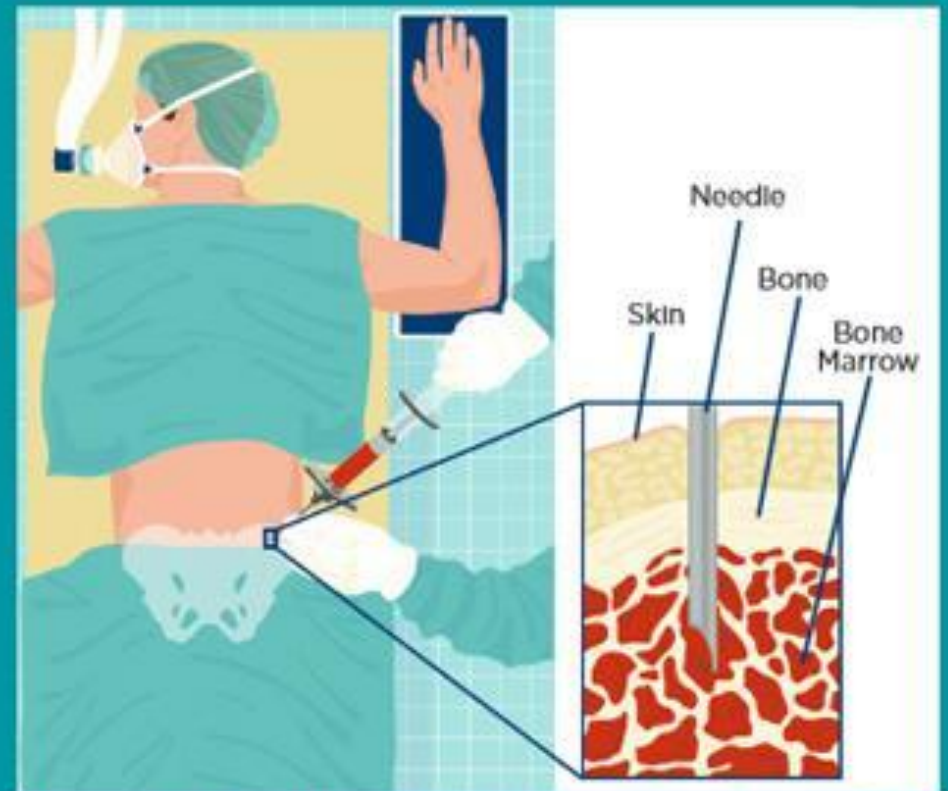
3 ways to donate marrow:



Peripheral blood stem cell donation



Donation from the bone



It's a beautiful day to save lives!

