

- 1 An important decision
- The anatomy of organ donation
- 3 Living and deceased donation
- The organ matching and donation process
- The anatomy of tissue donation
- The tissue donation process

1 An important decision

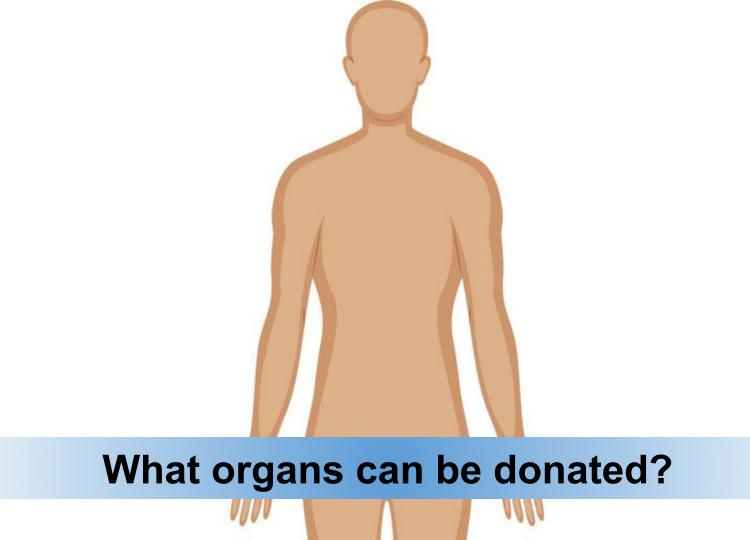
# You have an important decision to make...

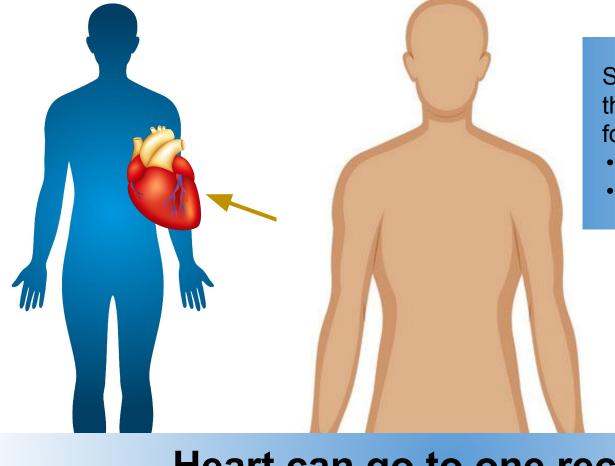
- In 2017, Illinois passed the Drive for Life Act.
- The Drive for Life Act allows 16- and 17- year-olds to make their own decision about registering to be an organ and tissue donor on the Illinois Donor Registry.
- Understanding the process of and the need for organ and tissue donors will help teens make an educated decision.

Why is registering to be an organ and tissue donor so important?

- One organ donor can save up to 8 lives
- One tissue donor can heal up to 75 people
- Only 3 in every 1000 people die in a way that they can donate their organs
- Over 100,000 people are waiting in the U.S. for a life-saving organ transplant
- Another person is added to the waiting list every 10 minutes
- 17 people die each day waiting

The anatomy of organ donation

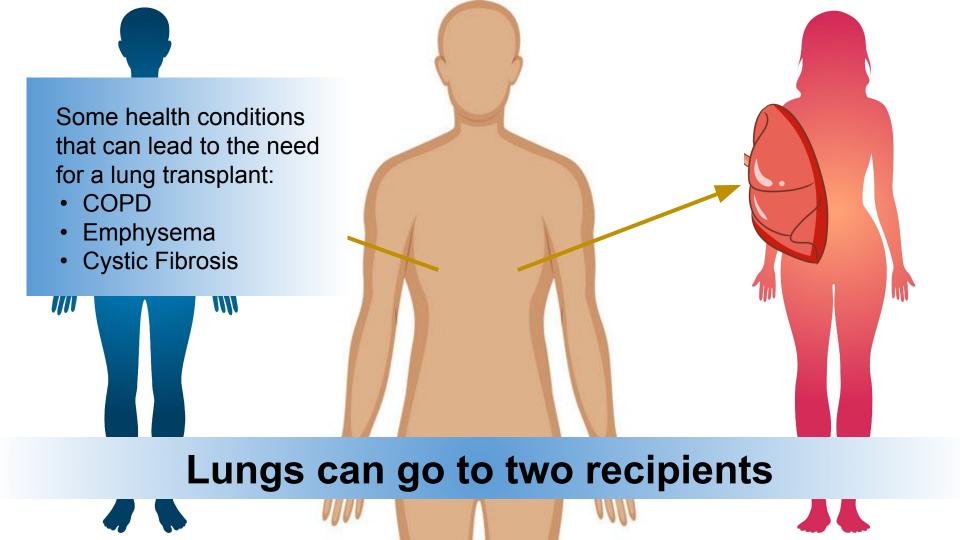


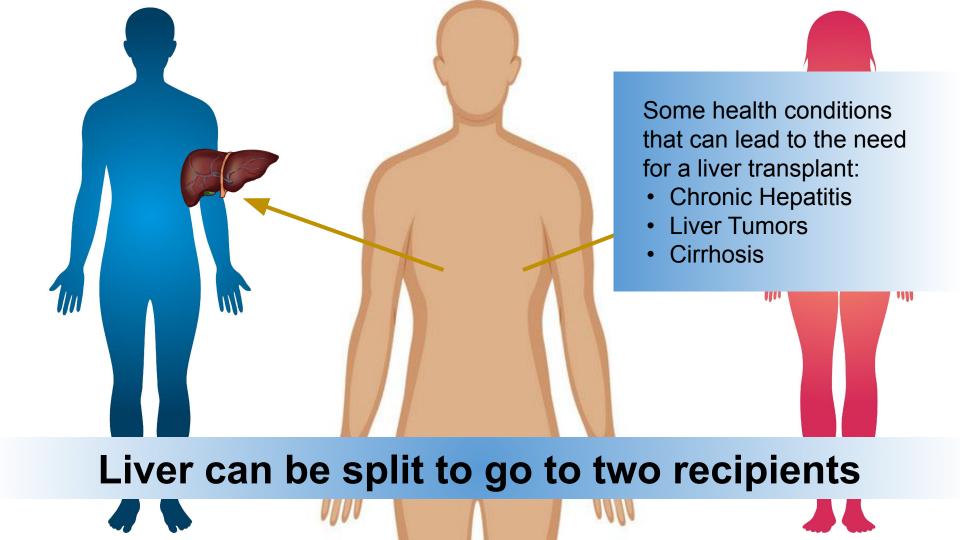


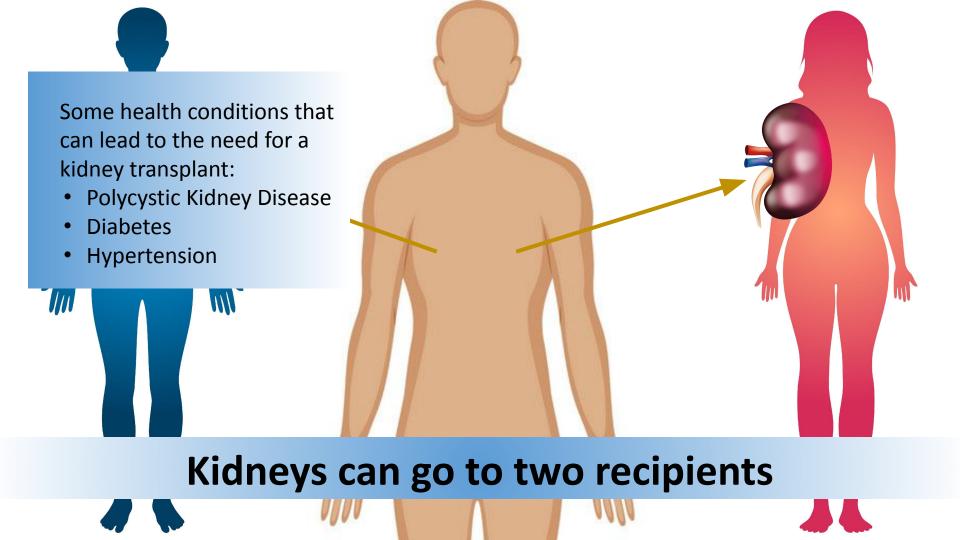
Some health conditions that can lead to the need for a heart transplant:

- Congenital heart defect
- Congenital heart disease

Heart can go to one recipient

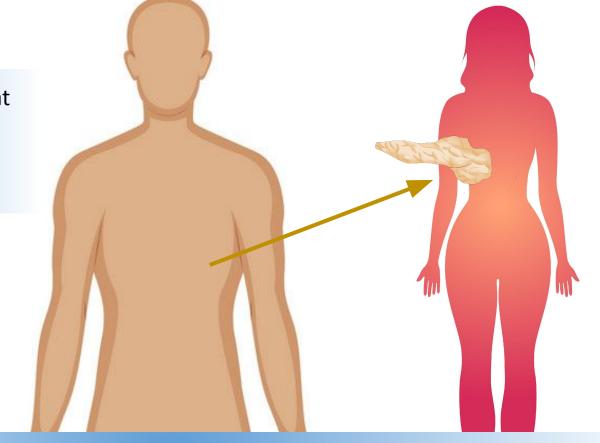




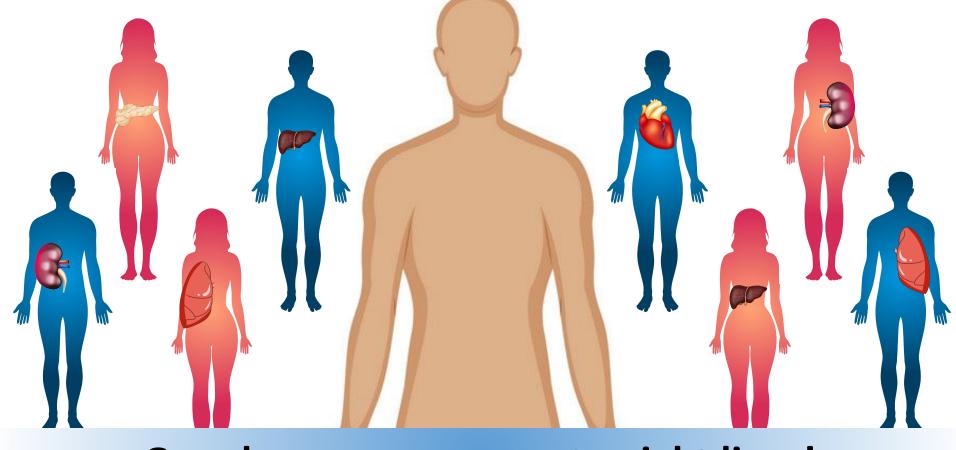


Main health condition that can lead to the need for a pancreas transplant:

Type 1 Diabetes



#### Pancreas can go to one recipient



One donor can save up to eight lives!

Hear from Amber, a heart transplant recipient



3 Living and deceased donation

**Living Donation** 

According to the Mayo Clinic, "A living-donor transplant is a surgical procedure to remove an organ or portion of an organ from a living person and place it in another person whose organ is no longer functioning properly."

A Living Donor can give

- One kidney
- One lobe of their liver
- One lobe of their lung or one lung
- Part of their pancreas or intestines

#### Benefits of Living Donation

- Eliminates the wait for a deceased donor organ
- Fewer complications
- Longer survival of organ

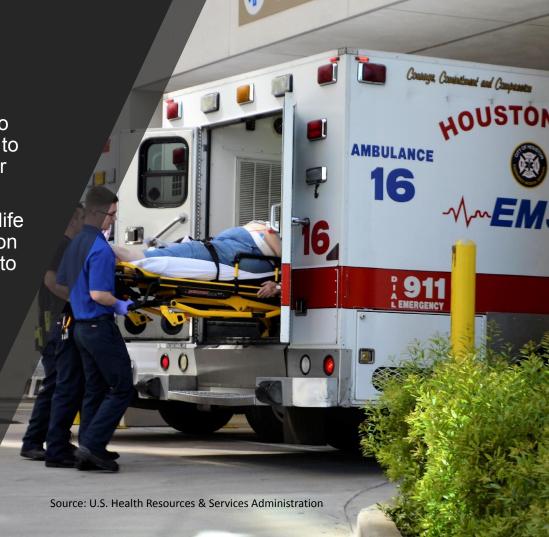


## **Deceased Donation**

Donation is not even a consideration until doctors have done everything they could to save their patient, who typically has come to the hospital after experiencing an illness or accident.

Once doctors determine that the patient's life most likely cannot be saved, they are put on mechanical support to keep blood flowing to organs so further testing can be done.

After irreversible death has been determined, the hospital contacts the Organ Procurement Organization (OPO) for that region. The OPO checks to see if the patient is a registered donor, and if they are not registered, or if they are a minor, the OPO approaches the family to discuss the opportunity for donation.



4

The organ matching and donation process



The Organ Procurement and Transplantation Network (OPTN) is a national organization that has policies and processes that regulate how deceased donor organs are matched and allocated to waiting patients.

Though some of the following matching criteria are more important for certain organs than others, organs are matched based on these common factors:

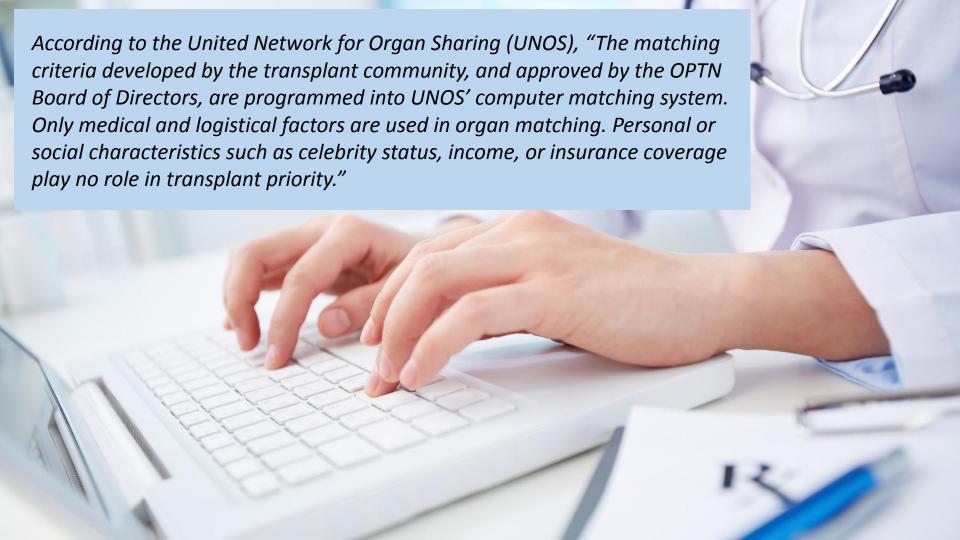
#### **OPO (Donor) Factors:**

- Blood type
- Body size
- Organ quality

#### **Transplant (Recipient) Center Factors:**

- Severity of patient's medical condition
- Distance between donor and patient
- How long the patient has been on waiting list
- Patient availability for transplantation

Source: UNOS



The anatomy of tissue donation

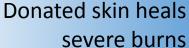




Donated heart valves repair cardiac defects



**Donated veins** re-establish circulation

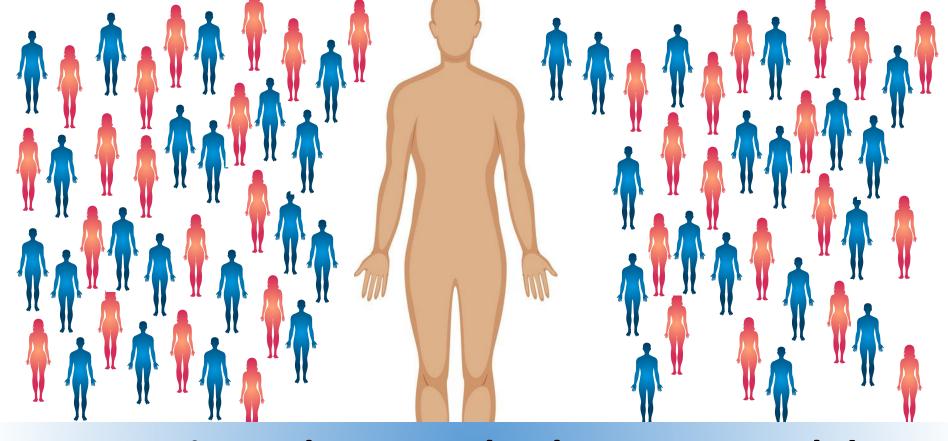




Donated tendons, ligaments and cartilage rebuild joints and treat injuries



#### What tissues can be donated?



One tissue donor can heal over 75 people!

Hear from Leslie, a cornea transplant recipient

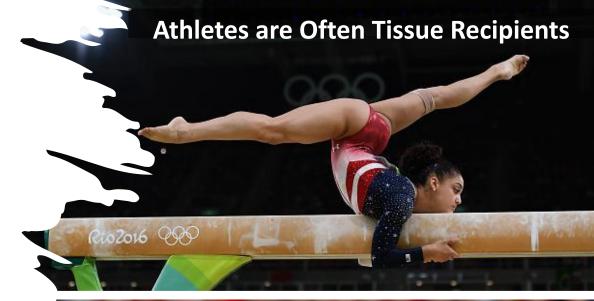


# Who can be a tissue donor?



If a deceased person cannot be an organ donor, or after the organ procurement surgery has taken place, they can become a tissue donor, donating parts of their body for use in transplant procedures that can dramatically improve a recipient's quality of life.

Age has no impact on tissue donation, as long as the donor is determined to be medically suitable at the time of death. People over 100 years old have become tissue donors!

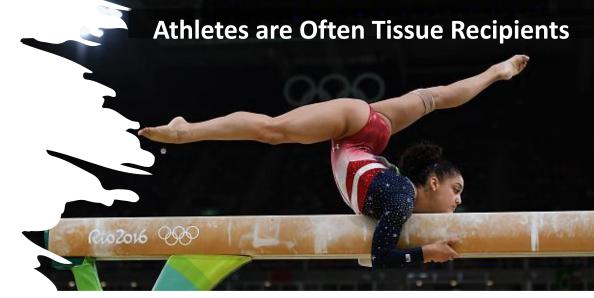




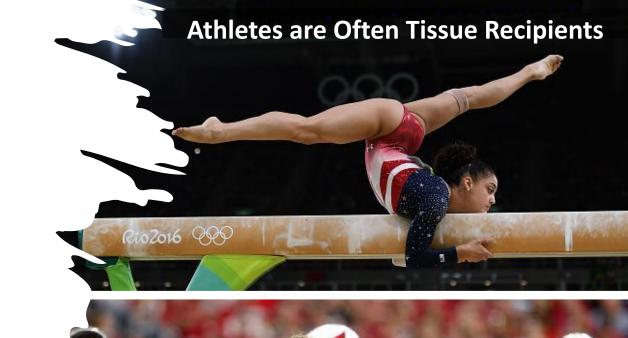
How is tissue donated?



Tissue procurement can be done within 24-hours of the donor's death, and tissues can be stored for longer periods of time—sometimes years, so they are available when a medical professional needs them for a patient.







Who needs a tissue transplant?



Over 2.5 million tissue transplant surgeries are performed each year, and tissue does not need to be matched like organs do. Almost anyone could find themselves in need of a tissue donation at some point in their life.

Source: Donate Life America

Hear from Kasey, a tissue transplant recipient



Video Courtesy of UNOS (United Network for Organ Sharing) www.unos.org

### Now It's Up to You to Decide:

Organ Donation Registration and Conversation

- You will be asked if you want to register to be a Donor.
- This is an important decision that can save lives...make it an informed one.
- Don't believe the myths you hear from others or on social media-ask questions of professionals and people you trust. Then make your decision based on facts.
- Once you have made your decision, have a conversation with your family to let them know what you want, should the unthinkable happen. Your family may not want to talk about this, but it is an important conversation to have.



Thank you to our program contributors





















