

# Re-Growing Human Body Parts

## Vocabulary:

**regenerate** - to grow a new body part

**Example:** Brain cells are impossible to regenerate.

**kidney** - ia pair of organs that clean blood and remove harmful substances

**Example:** Unfortunately, they both need a kidney transplant.

**tissue** - substance that animals and plants are made of

**Example:** Muscle tissue is about 15% more dense than fat.

**tadpole** - an animal that develops into a frog

**Example:** There are thousands of tadpoles in this river.

**characteristic** - something that defines someone/something

**Example:** A high fever is one of the characteristics of the disease.

**perfect** - flawless; absolutely suitable

**Example:** The weather today is perfect for sailing.

**Example:** I think she has a perfect face.

## Article: Re-Growing Human Body Parts

The ability to regenerate or recreate missing body parts sounds more like part of a science fiction story than reality.

But researchers are finding evidence that regeneration may be possible someday in the future with improvements in technology. They imagine using 3D-printing to make a kidney for someone in need of a replacement. They also talk about possibly using bioelectricity to cause cells to build new tissue and organs.

These ideas and others were discussed at the World Science Festival in New York City. The presentation was called "Forever Young: The Promise of Human Regeneration."

Dany Spencer Adams is a research professor at Tufts University in Massachusetts. He told VOA that researchers have found that bioelectrical signals can lead to cellular processes in frog tadpoles.

You can see the whole lesson from your teacher, Please ask them to send it to you before the class.

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