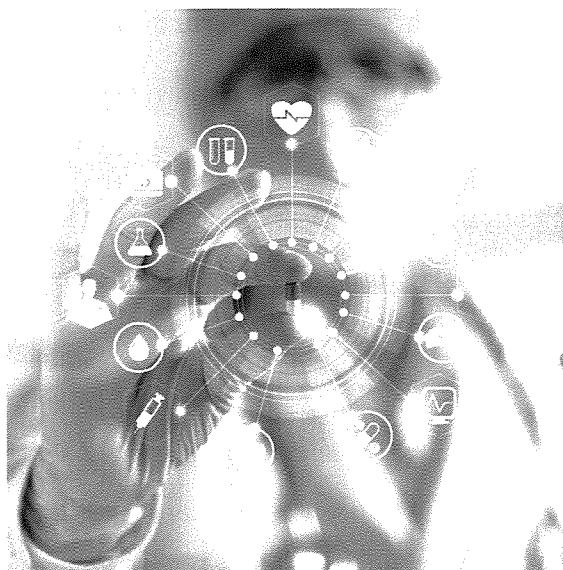




# HOW MEDICINE WORKS



Scan to review worksheet

Expemo code:  
1AU2-73AE-JMMR

1

## Warm up

In small groups, answer the questions below.

1. How does medication work in your body?
2. If you take a painkiller for a backpain, for example, how does the medication get to the right place?

2

## Vocabulary

Match the following words to their definitions.

- |                                 |   |
|---------------------------------|---|
| 1. <u>swallow</u> (v)           | a. make food, drink, medicine, etc. go down your throat into your stomach         |
| 2. <u>foreign substance</u> (n) | b. an organ that cleans your blood  |
| 3. blood <u>vessel</u> (n)      | c. a small tube through which blood circulates in your body                       |
| 4. <u>liver</u> (n)             | d. something that comes from outside your body                                    |
| 5. <u>enzyme</u> (n)            | e. organs that remove waste from the blood and produce urine                      |
| 6. <u>molecule</u> (n)          | f. a piece of paper on an object such as a bottle that gives information about it |
| 7. <u>kidneys</u> (n)           | g. a group of two or more atoms   |
| 8. <u>label</u> (n)             | h. a substance that is produced to make a chemical change happen                  |



## 3

**Listening for general comprehension**

Watch the video titled "How does your body process medicine?" (00:00 - 04:00) and put these steps in the correct order.

- \_\_\_ The ibuprofen molecules find the place where you're feeling pain.
- \_\_\_ The tablet disintegrates in your stomach.
- \_\_\_ The ibuprofen goes into your blood vessels.
- \_\_\_ The ibuprofen reaches your liver.
- \_\_\_ The ibuprofen travels around your body through your veins.
- \_\_\_ Your kidney eliminates the ibuprofen through the urine.
- 1 You take an ibuprofen for a sore ankle.
- \_\_\_ The ibuprofen molecules stop the pain signals.

## 4

**Listening for details**

**Part 1: Watch the video again. Are these sentences true or false? Check your answers with a partner.**

1. Some organs and molecules try to eliminate the painkiller because it doesn't come from the body. \_\_\_\_\_
2. If you take a painkiller for a sore ankle, it goes straight to that part of the body. \_\_\_\_\_
3. The painkiller goes from your stomach to your small intestine, then to your liver. \_\_\_\_\_
4. Metabolites are the damaged ibuprofen molecules. \_\_\_\_\_
5. Some of the painkiller is already in your circulatory system after thirty minutes. \_\_\_\_\_
6. The blood with painkiller in it goes everywhere in your body except your brain. F
7. The maximum effect of the painkiller is after two hours. \_\_\_\_\_
8. Different painkillers have different processes in your body. \_\_\_\_\_
9. Your genes, diet and any diseases you have change how the medicine works. \_\_\_\_\_

**Part 2: Record a voice message to a friend explaining the main ideas of the video.**



### 5 Pronunciation

Complete the table with the words from the box.

average    circulatory    digestive    efficiency    heart    instructions    intestine

kidney    molecule    painkiller    sprained    swallow    vessel

O	Oo	oOo	Ooo	oOoo	ooOoo
1	2	3	4	5	6

### 6 Writing

In pairs, complete the sentences from the video in your own words.

- Say you swallow an ibuprofen tablet for a sore ankle. Within minutes, \_\_\_\_\_.
- These blood vessels feed into a vein, \_\_\_\_\_.
- Half an hour after you swallow the pill, \_\_\_\_\_.
- When ibuprofen molecules encounter a location where the body's pain response is in full swing, \_\_\_\_\_.
- Then the body starts efficiently eliminating ibuprofen, \_\_\_\_\_.
- These basic steps are the same for any drug that you take orally, \_\_\_\_\_.
- One of the hardest groups of patients to get the right dosage for are children. That's because \_\_\_\_\_.
- Some day, routine DNA tests may be able to \_\_\_\_\_.





## 7

## Optional extension / homework

Part 1: Complete the sentences with words from the text. Make any necessary changes to the word. The first letter has been given.

1. My car has broken down. Can I h \_\_\_\_\_ a ride with you till the next town?
2. Be careful. These woods have traps to s \_\_\_\_\_ rabbits.
3. It is amazing that you got out u \_\_\_\_\_ from such a serious accident.
4. This song is so good! I'm listening to it on l \_\_\_\_\_!
5. When they arrived, the party was in full s \_\_\_\_\_.
6. It's not easy to make this decision because there are lots of complicating f \_\_\_\_\_.
7. You need to turn off my phone, d \_\_\_\_\_ in and get your homework finished.
8. If you really need to get there on time, your best b \_\_\_\_\_ is to get the underground.



Part 2: Research how another medication works in your body and record a video explaining it.