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**Level 3** – 13th January, 2022

## Man gets first ever pig-heart transplant

**FREE online quizzes, mp3 listening and more for this lesson here:**

<https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

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**Please try Levels 0, 1 and 2 (they are easier).**

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# THE ARTICLE

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

Doctors in the USA have transplanted a pig's heart into a man. It is the first time this has happened. The doctors are from the University of Maryland Medical Center. They say David Bennett, 57, is doing well after his operation. Mr Bennett was very ill. The doctors said giving him the pig's heart was the only chance of keeping him alive. Bennett spoke to doctors the day before the operation. He said: "It was either die or do this transplant. I want to live. I know it's a shot in the dark, but it's my last choice." The pig's heart came from a genetically-modified pig. Scientists changed the genes of the pig so its heart would be more suitable for a transplant into a human.

The transplant operation took seven hours. Doctors received special permission from U.S. authorities for the experimental surgery. Without it, Mr Bennett would have died. Scientists have been researching pig-organ transplants for years. They believe Mr Bennett's transplant means more transplants could take place in the future. They said this could bring the world, "one step closer to solving the organ shortage crisis". Surgeon Dr Bartley Griffith said: "We are also optimistic that this first-in-the-world surgery will provide an important new option for patients in the future." Mr Bennett hopes his transplant will allow him to live longer. He said: "I look forward to getting out of bed after I recover."

Sources: <https://www.bbc.com/news/world-us-canada-59944889>  
<https://www.theage.com.au/world/north-america/breakthrough-pig-heart-transplant-performed-in-us-20220111-p59ncw.html>  
<https://www.sciencealert.com/us-surgeons-successfully-implant-pig-heart-into-a-human-with-end-stage-heart-disease>

# WARM-UPS

**1. HEART TRANSPLANTS:** Students walk around the class and talk to other students about heart transplants. Change partners often and share your findings.

**2. CHAT:** In pairs / groups, talk about these topics or words from the article. What will the article say about them? What can you say about these words and your life?

doctors / pig / heart / transplant / ill / operation / a shot in the dark / choice / genes / permission / experimental / the future / shortage / crisis / optimistic / option / bed

Have a chat about the topics you liked. Change topics and partners frequently.

**3. ANIMAL ORGANS:** Students A **strongly** believe it is great we can use animal organs for transplants; Students B **strongly** believe that's not a good idea. Change partners again and talk about your conversations.

**4. OPTIMISTIC:** Are you optimistic or pessimistic about the future? Complete this table with your partner(s). Change partners often and share what you wrote.

	Optimistic	Pessimistic
Pandemics		
Health		
Climate		
Technology		
War		
Family		

**5. HEART:** Spend one minute writing down all of the different words you associate with the word "heart". Share your words with your partner(s) and talk about them. Together, put the words into different categories.

**6. ORGANS:** Rank these with your partner. Put the most difficult to transplant at the top. Change partners often and share your rankings.

- Heart
- Lungs
- Brain
- Skin
- Kidney
- Liver
- Stomach
- Pancreas

# VOCABULARY MATCHING

## Paragraph 1

- |                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| 1. transplanted       | a. Right for a particular person, purpose, or situation.                                           |
| 2. operation          | b. Took something from one body and put it in another body.                                        |
| 3. ill                | c. An action whose result cannot know.                                                             |
| 4. alive              | d. An act of doctors cutting someone's body to make it better.                                     |
| 5. a shot in the dark | e. Living, not dead.                                                                               |
| 6. genes              | f. Being sick or having a disease; feeling unwell.                                                 |
| 7. suitable           | g. The thing in our body that holds information about us and passes that information on to babies. |

## Paragraph 2

- |                |                                                                                        |
|----------------|----------------------------------------------------------------------------------------|
| 8. permission  | h. The action of allowing someone to do a particular thing.                            |
| 9. take place  | i. Return to a normal state of health, mind, or strength.                              |
| 10. organ      | j. Happen.                                                                             |
| 11. shortage   | k. Hopeful and confident about the future.                                             |
| 12. crisis     | l. A part of the body (like the heart lungs, brain, etc.) that has a special function. |
| 13. optimistic | m. A situation where there is not enough of something.                                 |
| 14. recover    | n. A time of great difficulty or danger.                                               |

# BEFORE READING / LISTENING

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

**1. TRUE / FALSE:** Read the headline. Guess if a-h below are true (T) or false (F).

1. Doctors in China carried out the first pig-heart transplant. **T / F**
2. The man who needed the heart was very ill before the operation. **T / F**
3. The man said the transplant was his last choice. **T / F**
4. Scientists did not need to change the genes of the pig. **T / F**
5. The heart transplant took 17 hours. **T / F**
6. Doctors needed special permission from the WHO to do the transplant. **T / F**
7. Pig organs could help to solve a shortage in organs for transplant. **T / F**
8. The man is looking forward to getting out of bed. **T / F**

**2. SYNONYM MATCH:** (The words in **bold** are from the news article.)

- |                      |                |
|----------------------|----------------|
| 1. <b>happened</b>   | a. pass away   |
| 2. <b>operation</b>  | b. nearer      |
| 3. <b>chance</b>     | c. acceptable  |
| 4. <b>die</b>        | d. think       |
| 5. <b>suitable</b>   | e. occurred    |
| 6. <b>permission</b> | f. get better  |
| 7. <b>believe</b>    | g. surgery     |
| 8. <b>closer</b>     | h. give        |
| 9. <b>provide</b>    | i. clearance   |
| 10. <b>recover</b>   | j. opportunity |

**3. PHRASE MATCH:** (Sometimes more than one choice is possible.)

- |                                         |                     |
|-----------------------------------------|---------------------|
| 1. It is the first time this            | a. took seven hours |
| 2. doing well after                     | b. patients         |
| 3. I know it's a shot                   | c. of the pig       |
| 4. Scientists changed the genes         | d. out of bed       |
| 5. its heart would                      | e. has happened     |
| 6. The transplant operation             | f. his operation    |
| 7. one step closer to solving the organ | g. to live longer   |
| 8. provide an important new option for  | h. be more suitable |
| 9. his transplant will allow him        | i. shortage         |
| 10. I look forward to getting           | j. in the dark      |

# GAP FILL

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

Doctors in the USA have transplanted a pig's heart into a man. It is the first (1) \_\_\_\_\_ this has happened. The doctors are from the University of Maryland Medical Center. They say David Bennett, 57, is doing (2) \_\_\_\_\_ after his operation. Mr Bennett was very (3) \_\_\_\_\_. The doctors said giving him the pig's heart was the only (4) \_\_\_\_\_ of keeping him alive. Bennett spoke to doctors the day before the operation. He said: "It was (5) \_\_\_\_\_ die or do this transplant. I want to live. I know it's a shot in the dark, but it's my last (6) \_\_\_\_\_." The pig's heart came from a genetically-modified pig. Scientists changed the (7) \_\_\_\_\_ of the pig so its heart would be more (8) \_\_\_\_\_ for a transplant into a human.

The transplant (9) \_\_\_\_\_ took seven hours. Doctors received special permission from U.S. authorities for the experimental (10) \_\_\_\_\_. Without it, Mr Bennett would have died. Scientists have been researching pig-organ transplants for years. They believe Mr Bennett's transplant means more transplants could take (11) \_\_\_\_\_ in the future. They said this could bring the world, "one step closer to solving the organ shortage (12) \_\_\_\_\_". Surgeon Dr Bartley Griffith said: "We are also (13) \_\_\_\_\_ that this first-in-the-world surgery will provide an important new (14) \_\_\_\_\_ for patients in the future." Mr Bennett hopes his transplant will allow him to live (15) \_\_\_\_\_. He said: "I look forward to getting out of bed after I (16) \_\_\_\_\_."

*choice*

*time*

*ill*

*genes*

*either*

*suitable*

*well*

*chance*

*place*

*optimistic*

*operation*

*recover*

*crisis*

*longer*

*surgery*

*option*

# LISTENING – Guess the answers. Listen to check.

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

- 1) Doctors in the USA have transplanted a pig's heart \_\_\_\_\_
  - a. onto a man
  - b. unto a man
  - c. into a man
  - d. as to a man
- 2) The doctors said giving him the pig's heart was the only chance of \_\_\_\_\_
  - a. keep ping him alive
  - b. keep ping him lively
  - c. keeping him a life
  - d. keeping him alive
- 3) It was either die or do this transplant. I want to live. I know it's a shot \_\_\_\_\_
  - a. in the dark
  - b. in the bark
  - c. in the lark
  - d. in the park
- 4) The pig's heart came from a genetically-\_\_\_\_\_
  - a. modify pig
  - b. muddy fried pig
  - c. nodding fried pig
  - d. modified pig
- 5) Scientists changed the genes of the pig so its heart would \_\_\_\_\_
  - a. be more sue table
  - b. be more suitable
  - c. be more suit a ball
  - d. beam ore soot table
- 6) special permission from U.S. authorities for \_\_\_\_\_
  - a. the experiment all surgery
  - b. the ex perimeter surgery
  - c. the experimental surgery
  - d. the ex pear-rim mental surgery
- 7) this could bring the world one step closer to solving the \_\_\_\_\_
  - a. organ shortages crises
  - b. organ short age crises
  - c. organ shore stage cry sis
  - d. organ shortage crisis
- 8) optimistic that this first-in-the-world surgery will provide an \_\_\_\_\_
  - a. important new option
  - b. importance new option
  - c. important news option
  - d. important new operation
- 9) Mr Bennett hopes his transplant will allow him \_\_\_\_\_
  - a. tool live longer
  - b. too life longer
  - c. to lively longer
  - d. to live longer
- 10) I look forward to getting out of bed \_\_\_\_\_
  - a. after I recovers
  - b. after I recover
  - c. after I recovery
  - d. after I re-cover

# LISTENING – Listen and fill in the gaps

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

Doctors in the USA have transplanted a pig's heart (1) \_\_\_\_\_. It is the first time this has happened. The doctors are from the University of Maryland Medical Center. They say David Bennett, 57, is (2) \_\_\_\_\_ his operation. Mr Bennett was very ill. The doctors said giving him the pig's heart was the (3) \_\_\_\_\_ keeping him alive. Bennett spoke to doctors the day before the operation. He said: "It was (4) \_\_\_\_\_ do this transplant. I want to live. I know it's a shot in the dark, but it's (5) \_\_\_\_\_." The pig's heart came from a genetically-modified pig. Scientists changed the genes of the pig so its heart would be (6) \_\_\_\_\_ a transplant into a human.

The transplant operation (7) \_\_\_\_\_. Doctors received special permission from U.S. authorities for the experimental surgery. Without it, Mr Bennett (8) \_\_\_\_\_. Scientists have been researching pig-organ transplants for years. They believe Mr Bennett's transplant means more transplants could (9) \_\_\_\_\_ the future. They said this could bring the world, "one step closer to solving the organ shortage crisis". Surgeon Dr Bartley Griffith said: "We are also optimistic (10) \_\_\_\_\_-in-the-world surgery will provide an important new option for patients in the future." Mr Bennett hopes his transplant will allow him (11) \_\_\_\_\_. He said: "I look forward to getting out of bed (12) \_\_\_\_\_."



# COMPREHENSION QUESTIONS

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

1. In which country did this operation take place?
2. How old is the heart transplant patient?
3. When did Mr Bennett speak to doctors?
4. What kind of pig did the heart come from?
5. What did scientists change in the pig?
6. How long did the operation take?
7. Who did doctors need special permission from?
8. What crisis might the world be one step closer to solving?
9. How does the man's surgeon feel?
10. What is the man looking forward to doing?

# MULTIPLE CHOICE - QUIZ

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

- 1) In which country did this operation take place?
  - a) Venezuela
  - b) China
  - c) the USA
  - d) Namibia
- 2) How old is the heart transplant patient?
  - a) 57
  - b) 56
  - c) 55
  - d) 59
- 3) When did Mr Bennett speak to doctors?
  - a) during his operation
  - b) the day before his operation
  - c) after his operation
  - d) he didn't speak to doctors
- 4) What kind of pig did the heart come from?
  - a) a pink one
  - b) a big one
  - c) a prize pig
  - d) a genetically-modified pig
- 5) What did scientists change in the pig?
  - a) its colour
  - b) its tail
  - c) its genes
  - d) its skin
- 6) How long did the operation take?
  - a) six hours
  - b) seven hours
  - c) five hours
  - d) nine hours
- 7) Who did doctors need special permission from?
  - a) the man's family
  - b) a pig farmer
  - c) the WHO
  - d) U.S. authorities
- 8) What crisis might the world be one step closer to solving?
  - a) overpopulation
  - b) the organ-shortage crisis
  - c) climate change
  - d) a serious crisis
- 9) How does the man's surgeon feel?
  - a) happy
  - b) optimistic
  - c) sad
  - d) pessimistic
- 10) What is the man looking forward to doing?
  - a) getting out of bed
  - b) eating dinner
  - c) swimming
  - d) thanking his doctors

# ROLE PLAY

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

## **Role A – Heart**

You think the heart is the most difficult organ to transplant. Tell the others three reasons why. Tell them why their organ is not so difficult to transplant. Also, tell the others which is the most difficult of these (and why): brain, skin or stomach.

## **Role B – Brain**

You think the brain is the most difficult organ to transplant. Tell the others three reasons why. Tell them why their organ is not so difficult to transplant. Also, tell the others which is the most difficult of these (and why): heart, skin or stomach.

## **Role C – Skin**

You think the skin is the most difficult organ to transplant. Tell the others three reasons why. Tell them why their organ is not so difficult to transplant. Also, tell the others which is the most difficult of these (and why): brain, heart or stomach.

## **Role D – Stomach**

You think the stomach is the most difficult organ to transplant. Tell the others three reasons why. Tell them why their organ is not so difficult to transplant. Also, tell the others which is the most difficult of these (and why): brain, skin or heart.

# AFTER READING / LISTENING

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

**1. WORD SEARCH:** Look in your dictionary / computer to find collocates, other meanings, information, synonyms ... for the words 'pig' and 'heart'.

<b>pig</b>	<b>heart</b>

- Share your findings with your partners.
- Make questions using the words you found.
- Ask your partner / group your questions.

**2. ARTICLE QUESTIONS:** Look back at the article and write down some questions you would like to ask the class about the text.

- Share your questions with other classmates / groups.
- Ask your partner / group your questions.

**3. GAP FILL:** In pairs / groups, compare your answers to this exercise. Check your answers. Talk about the words from the activity. Were they new, interesting, worth learning...?

**4. VOCABULARY:** Circle any words you do not understand. In groups, pool unknown words and use dictionaries to find their meanings.

**5. TEST EACH OTHER:** Look at the words below. With your partner, try to recall how they were used in the text:

<ul style="list-style-type: none"><li>• first</li><li>• well</li><li>• alive</li><li>• either</li><li>• dark</li><li>• suitable</li></ul>	<ul style="list-style-type: none"><li>• special</li><li>• years</li><li>• believe</li><li>• crisis</li><li>• option</li><li>• forward</li></ul>
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# HEART TRANSPLANTS SURVEY

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

Write five GOOD questions about heart transplants in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

# HEART TRANSPLANTS DISCUSSION

STUDENT A's QUESTIONS (Do not show these to student B)

1. What did you think when you read the headline?
2. What images are in your mind when you hear the word 'pig'?
3. What do you know about pigs?
4. What do you think of heart transplants?
5. What do you think of heart transplants using pig hearts?
6. Would you have made the same decision as the man?
7. What do you think of genetically modifying animals?
8. What are the advantages and disadvantages of organ transplants?
9. What three adjectives best describe this story?
10. What advice do you have for Mr Bennett?

*Man gets first ever pig-heart transplant – 13th January, 2022*  
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# HEART TRANSPLANTS DISCUSSION

STUDENT B's QUESTIONS (Do not show these to student A)

11. Did you like reading this article? Why/not?
12. What do you think of when you hear the word 'heart'?
13. What do you think about what you read?
14. What do you think of pigs?
15. What do you think of surgeons?
16. Do you think there will be more animal organ transplants in the future?
17. How would you feel before having an organ transplant?
18. Will doctors be able to replace all our body parts in the future?
19. Do you always look forward to getting out of bed?
20. What questions would you like to ask the doctors?

## **DISCUSSION (Write your own questions)**

STUDENT A's QUESTIONS (Do not show these to student B)

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

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## **DISCUSSION (Write your own questions)**

STUDENT B's QUESTIONS (Do not show these to student A)

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

# LANGUAGE - CLOZE

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

Doctors in the USA have transplanted a pig's heart into (1) \_\_\_\_\_ man. It is the first time this has happened. The doctors are from the University of Maryland Medical Center. They say David Bennett, 57, is doing (2) \_\_\_\_\_ after his operation. Mr Bennett was very ill. The doctors said giving him the pig's heart was the only (3) \_\_\_\_\_ of keeping him alive. Bennett spoke to doctors the day before the operation. He said: "It was either (4) \_\_\_\_\_ or do this transplant. I want to live. I know it's a shot in the dark, but it's my last (5) \_\_\_\_\_." The pig's heart came from a genetically-modified pig. Scientists changed the genes of the pig so its heart would (6) \_\_\_\_\_ more suitable for a transplant into a human.

The transplant (7) \_\_\_\_\_ took seven hours. Doctors received special permission from U.S. authorities for the experimental surgery. Without it, Mr Bennett would (8) \_\_\_\_\_ died. Scientists have been researching pig-organ transplants for years. They believe Mr Bennett's transplant means more transplants could take (9) \_\_\_\_\_ in the future. They said this could bring the world, "one step closer to solving the organ shortage (10) \_\_\_\_\_". Surgeon Dr Bartley Griffith said: "We are also optimistic that this first-in-the-world surgery will provide an important new option for patients (11) \_\_\_\_\_ the future." Mr Bennett hopes his transplant will allow him to live longer. He said: "I look forward to getting out (12) \_\_\_\_\_ bed after I recover."

## Put the correct words from the table below in the above article.

- |     |               |              |            |                |
|-----|---------------|--------------|------------|----------------|
| 1.  | (a) a         | (b) that     | (c) this   | (d) the        |
| 2.  | (a) good      | (b) well     | (c) goodly | (d) wellness   |
| 3.  | (a) chants    | (b) charge   | (c) change | (d) chance     |
| 4.  | (a) death     | (b) die      | (c) dead   | (d) dying      |
| 5.  | (a) choices   | (b) chosen   | (c) choose | (d) choice     |
| 6.  | (a) have      | (b) do       | (c) be     | (d) take       |
| 7.  | (a) operation | (b) surgical | (c) force  | (d) enterprise |
| 8.  | (a) do        | (b) be       | (c) have   | (d) very       |
| 9.  | (a) everyone  | (b) it       | (c) all    | (d) place      |
| 10. | (a) crisis    | (b) cries    | (c) crimes | (d) critics    |
| 11. | (a) in        | (b) at       | (c) of     | (d) as         |
| 12. | (a) of        | (b) at       | (c) to     | (d) on         |



# SPELLING

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

## Paragraph 1

1. the first time this has aephenpd
2. the day before the oroatenpi
3. It was erhiet die or do this transplant
4. it's my last ociceh
5. Scientists changed the eseng of the pig
6. its heart would be more ibuetlsa

## Paragraph 2

7. Doctors received special onsprsiemi
8. U.S. shiioutaret
9. tleerxpienma surgery
10. solving the organ shortage sriics
11. We are also tmciospiit
12. getting out of bed after I roeevrc

# PUT THE TEXT BACK TOGETHER

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

**Number these lines in the correct order.**

- ( ) of keeping him alive. Bennett spoke to doctors the day before the operation. He said: "It was either die
- ( ) be more suitable for a transplant into a human.
- ( ) or do this transplant. I want to live. I know it's a shot in the dark, but it's my last
- ( ) well after his operation. Mr Bennett was very ill. The doctors said giving him the pig's heart was the only chance
- ( ) from U.S. authorities for the experimental surgery. Without it, Mr Bennett would have died. Scientists have been
- ( ) happened. The doctors are from the University of Maryland Medical Center. They say David Bennett, 57, is doing
- ( ) choice." The pig's heart came from a genetically-modified pig. Scientists changed the genes of the pig so its heart would
- ( ) The transplant operation took seven hours. Doctors received special permission
- ( ) to solving the organ shortage crisis". Surgeon Dr Bartley Griffith said: "We are also optimistic that this first-in-the-world surgery will
- ( ) him to live longer. He said: "I look forward to getting out of bed after I recover."
- ( ) researching pig-organ transplants for years. They believe Mr Bennett's transplant means more
- ( ) provide an important new option for patients in the future." Mr Bennett hopes his transplant will allow
- ( ) transplants could take place in the future. They said this could bring the world, "one step closer
- ( **1** ) Doctors in the USA have transplanted a pig's heart into a man. It is the first time this has

# PUT THE WORDS IN THE RIGHT ORDER

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

1. in Doctors transplanted heart . pig's a the USA
2. is It the first happened . time this has
3. only The alive . keeping him of chance
4. a know I dark . shot in it's the
5. into human . suitable a for More a transplant
6. authorities . Doctors permission from received special U.S.
7. take in could the future . More transplants place
8. to shortage the organ Closer solving crisis .
9. to him longer . His transplant will live allow
10. forward out to of I look getting bed .

# CIRCLE THE CORRECT WORD (20 PAIRS)

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

Doctors in the USA have transplanted a pig's heart *onto / into* a man. It is the first time this has *happening / happened*. The doctors are from the University of Maryland Medical Center. They say David Bennett, 57, is doing *well / good* after his operation. Mr Bennett was very *illness / ill*. The doctors said giving him the pig's heart was the only *chance / change* of keeping him alive. Bennett spoke *for / to* doctors the day before the operation. He said: "It was *either / neither* die or do this transplant. I want to live. I know it's a shot in the *light / dark*, but it's my last choice." The pig's heart came from a genetically-modified pig. Scientists changed the *jeans / genes* of the pig so its heart would be more *suitable / suits* for a transplant into a human.

The transplant operation *gave / took* seven hours. Doctors received special permission from U.S. authorities for the experimental *sugary / surgery*. Without it, Mr Bennett would have *died / dead*. Scientists have been researching pig-organ transplants *for / four* years. They believe Mr Bennett's transplant means more transplants could take place *on / in* the future. They said this could bring the *word / world*, "one step closer to *solving / solve* the organ shortage crisis". Surgeon Dr Bartley Griffith said: "We are also *optimism / optimistic* that this first-in-the-world surgery will provide an important new *adoption / option* for patients in the future." Mr Bennett hopes his transplant will allow him to live longer. He said: "I look *forwarding / forward* to getting out of bed after I recover."

**Talk about the connection between each pair of words in italics, and why the correct word is correct.**

# INSERT THE VOWELS (a, e, i, o, u)

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

D\_o\_c\_t\_o\_r\_s \_n\_ t\_h\_e \_U\_S\_ h\_a\_v\_e \_t\_r\_a\_n\_s\_p\_l\_a\_n\_t\_e\_d \_a\_ p\_i\_g's h\_e\_a\_r\_t \_i\_n\_t\_o \_a\_ m\_a\_n. \_I\_t\_ \_w\_a\_s\_ t\_h\_e \_f\_i\_r\_s\_t \_t\_i\_m\_e\_ t\_h\_a\_t\_ t\_h\_i\_s\_ h\_a\_p\_p\_e\_n\_e\_d. T\_h\_e \_d\_o\_c\_t\_o\_r\_s \_c\_a\_m\_e \_f\_r\_o\_m\_ t\_h\_e \_u\_n\_i\_v\_e\_r\_s\_i\_t\_y \_o\_f\_ M\_a\_r\_y\_l\_a\_n\_d \_M\_e\_d\_i\_c\_a\_l \_C\_e\_n\_t\_e\_r. T\_h\_e\_y \_s\_a\_y\_ D\_e\_v\_i\_d \_B\_e\_n\_n\_e\_t\_t, 57, \_i\_s\_ d\_o\_i\_n\_g \_w\_e\_l\_l \_a\_f\_t\_e\_r\_ h\_i\_s \_o\_p\_e\_r\_a\_t\_i\_o\_n. M\_r\_ B\_e\_n\_n\_e\_t\_t \_w\_a\_s\_ v\_e\_r\_y \_i\_l\_l. T\_h\_e \_d\_o\_c\_t\_o\_r\_s \_s\_a\_d\_ g\_o\_i\_n\_g \_h\_o\_m\_e\_ t\_h\_a\_t\_ t\_h\_e\_p\_i\_g's \_h\_e\_a\_r\_t\_ w\_a\_s\_ t\_h\_e \_o\_n\_l\_y \_c\_h\_a\_n\_c\_e\_ \_o\_f\_ k\_e\_e\_p\_i\_n\_g \_h\_i\_m \_a\_l\_i\_v\_e. B\_e\_n\_n\_e\_t\_t \_s\_p\_o\_k\_e\_t\_o\_ t\_h\_e \_d\_o\_c\_t\_o\_r\_s\_ t\_h\_a\_t\_ d\_o\_n't \_b\_e\_f\_o\_r\_e\_ t\_h\_e \_o\_p\_e\_r\_a\_t\_i\_o\_n. H\_e \_s\_a\_d: "\_I\_t\_ w\_a\_s\_ \_a\_b\_o\_u\_t\_ t\_h\_i\_s\_ d\_e\_c\_i\_s\_i\_o\_n\_ t\_h\_a\_t\_ t\_h\_i\_s\_ t\_r\_a\_n\_s\_p\_l\_a\_n\_t. \_I\_ w\_e\_n\_t\_ t\_o\_ a\_l\_i\_v\_e. \_I\_ k\_n\_o\_w\_ i\_t's \_a\_ s\_h\_o\_r\_t \_t\_i\_m\_e\_ i\_n\_ t\_h\_e \_d\_a\_r\_k, b\_u\_t\_ i\_t's\_ m\_y\_ l\_a\_s\_t\_ c\_h\_a\_n\_c\_e." T\_h\_e\_p\_i\_g's \_h\_e\_a\_r\_t\_ c\_a\_m\_e \_f\_r\_o\_m\_ \_a\_ g\_e\_n\_e\_t\_i\_c\_a\_l\_l\_y-m\_e\_d\_i\_c\_a\_l\_p\_i\_g. S\_c\_i\_e\_n\_t\_i\_s\_t\_s \_c\_h\_a\_n\_g\_e\_d\_ t\_h\_e \_g\_o\_a\_l\_s\_ \_o\_f\_ t\_h\_e\_p\_i\_g's \_h\_e\_a\_r\_t\_ w\_o\_r\_l\_d \_b\_y\_ m\_a\_k\_i\_n\_g\_ s\_p\_e\_c\_i\_a\_l \_f\_o\_r\_ t\_r\_a\_n\_s\_p\_l\_a\_n\_t \_i\_n\_t\_o \_h\_u\_m\_a\_n\_s.

T\_h\_e \_t\_r\_a\_n\_s\_p\_l\_a\_n\_t \_o\_p\_e\_r\_a\_t\_i\_o\_n \_t\_ook\_ s\_e\_v\_e\_n \_h\_o\_u\_r\_s. D\_o\_c\_t\_o\_r\_s \_r\_e\_c\_e\_i\_v\_e\_d \_s\_p\_e\_c\_i\_a\_l \_p\_e\_r\_m\_i\_s\_s\_i\_o\_n \_f\_r\_o\_m\_ t\_h\_e \_U.S. \_a\_b\_o\_u\_t\_ t\_h\_i\_s\_ f\_o\_r\_ t\_h\_e \_e\_x\_p\_e\_r\_i\_m\_e\_n\_t\_a\_l \_s\_u\_r\_g\_e\_r\_y. W\_i\_t\_h\_o\_u\_t\_ i\_t, M\_r\_ B\_e\_n\_n\_e\_t\_t \_w\_o\_u\_l\_d\_ h\_a\_v\_e \_d\_i\_e\_d. S\_c\_i\_e\_n\_t\_i\_s\_t\_s \_h\_a\_v\_e \_b\_e\_e\_n\_ r\_e\_s\_e\_a\_r\_c\_h\_i\_n\_g \_p\_i\_g-r\_e\_g\_e\_n\_e\_r\_a\_t\_e\_d \_t\_r\_a\_n\_s\_p\_l\_a\_n\_t\_s \_f\_o\_r\_ y\_e\_a\_r\_s. T\_h\_e\_y \_b\_e\_l\_i\_e\_v\_e\_ M\_r\_ B\_e\_n\_n\_e\_t\_t's \_t\_r\_a\_n\_s\_p\_l\_a\_n\_t \_m\_a\_n's \_m\_a\_r\_k\_e\_t \_t\_r\_a\_n\_s\_p\_l\_a\_n\_t\_s \_c\_o\_u\_l\_d \_t\_a\_k\_e \_p\_l\_a\_c\_e\_ \_i\_n\_ t\_h\_e \_f\_u\_t\_u\_r\_e. T\_h\_e\_y \_s\_a\_d\_ t\_h\_a\_t\_ t\_h\_i\_s\_ c\_o\_u\_l\_d \_b\_r\_i\_n\_g\_ t\_h\_e \_w\_o\_r\_l\_d, "\_i\_n\_ s\_t\_e\_p\_ c\_l\_o\_s\_e\_r\_t\_o\_ s\_o\_l\_v\_i\_n\_g\_ t\_h\_e \_e\_x\_p\_e\_r\_i\_m\_e\_n\_t\_a\_l \_s\_u\_r\_g\_e\_r\_y\_ s\_h\_o\_r\_t\_g\_e\_n\_d\_r\_e\_s\_s". S\_u\_r\_g\_e\_n \_D\_r\_ B\_e\_r\_t\_l\_y \_G\_r\_e\_g\_o\_r\_y \_s\_a\_d: "W\_e'\_r\_e \_o\_p\_t\_i\_m\_i\_s\_t\_i\_c \_t\_h\_a\_t\_ t\_h\_i\_s\_ f\_i\_r\_s\_t-t\_i\_m\_e\_ i\_n\_ t\_h\_e \_w\_o\_r\_l\_d \_s\_u\_r\_g\_e\_r\_y\_ w\_o\_u\_l\_d \_p\_r\_o\_v\_i\_d\_e\_ \_a\_n\_ i\_m\_p\_o\_r\_t\_a\_n\_t \_n\_e\_w\_ o\_p\_t\_i\_o\_n \_f\_o\_r\_ p\_a\_t\_i\_e\_n\_t\_s \_i\_n\_ t\_h\_e \_f\_u\_t\_u\_r\_e." M\_r\_ B\_e\_n\_n\_e\_t\_t \_h\_o\_p\_e\_s\_ h\_i\_s\_ t\_r\_a\_n\_s\_p\_l\_a\_n\_t \_w\_o\_u\_l\_d \_h\_e\_l\_p\_ h\_i\_m \_t\_o\_ a\_l\_i\_v\_e \_l\_o\_n\_g\_e\_r. H\_e \_s\_a\_d: "\_I'\_l\_l\_k\_e\_ f\_o\_r\_w\_a\_r\_d\_ t\_h\_e \_g\_o\_i\_n\_g \_o\_n\_ t\_h\_i\_s\_ f\_o\_r\_ b\_e\_t\_t\_e\_r \_o\_p\_e\_r\_a\_t\_i\_o\_n\_s\_."

# PUNCTUATE THE TEXT AND ADD CAPITALS

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

doctors in the usa have transplanted a pigs heart into a man it is the first time this has happened the doctors are from the university of maryland medical center they say david bennett 57 is doing well after his operation mr bennett was very ill the doctors said giving him the pigs heart was the only chance of keeping him alive bennett spoke to doctors the day before the operation he said it was either die or do this transplant i want to live i know its a shot in the dark but its my last choice the pigs heart came from a geneticallymodified pig scientists changed the genes of the pig so its heart would be more suitable for a transplant into a human

the transplant operation took seven hours doctors received special permission from us authorities for the experimental surgery without it mr bennett would have died scientists have been researching pigorgan transplants for years they believe mr bennetts transplant means more transplants could take place in the future they said this could bring the world one step closer to solving the organ shortage crisis surgeon dr bartley griffith said we are also optimistic that this firstintheworld surgery will provide an important new option for patients in the future mr bennett hopes his transplant will allow him to live longer he said i look forward to getting out of bed after i recover

## PUT A SLASH ( / ) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2201/220113-pig-heart-transplant.html>

Doctors in the USA have transplanted a pig's heart into a man. It is the first time this has happened. The doctors are from the University of Maryland Medical Center. They say David Bennett, 57, is doing well after his operation. Mr Bennett was very ill. The doctors said giving him the pig's heart was the only chance of keeping him alive. Bennett spoke to doctors the day before the operation. He said: "It was either die or do this transplant. I want to live. I know it's a shot in the dark, but it's my last choice." The pig's heart came from a genetically-modified pig. Scientists changed the genes of the pig so its heart would be more suitable for a transplant into a human. The transplant operation took seven hours. Doctors received special permission from U.S. authorities for the experimental surgery. Without it, Mr Bennett would have died. Scientists have been researching pig-organ transplants for years. They believe Mr Bennett's transplant means more transplants could take place in the future. They said this could bring the world, "one step closer to solving the organ shortage crisis". Surgeon Dr Bartley Griffiths said: "We are also optimistic that this first-in-the-world surgery will provide an important new option for patients in the future." Mr Bennett hopes his transplant will allow him to live longer. He said: "I look forward to getting out of bed after I recover."







# HOMWORK

**1. VOCABULARY EXTENSION:** Choose several of the words from the text. Use a dictionary or Google's search field (or another search engine) to build up more associations / collocations of each word.

**2. INTERNET:** Search the Internet and find out more about this news story. Share what you discover with your partner(s) in the next lesson.

**3. HEART TRANSPLANTS:** Make a poster about heart transplants. Show your work to your classmates in the next lesson. Did you all have similar things?

**4. PIG-HEART TRANSPLANTS:** Write a magazine article about pig-heart transplants. Include imaginary interviews with people who are for and against them.

Read what you wrote to your classmates in the next lesson. Write down any new words and expressions you hear from your partner(s).

**5. WHAT HAPPENED NEXT?** Write a newspaper article about the next stage in this news story. Read what you wrote to your classmates in the next lesson. Give each other feedback on your articles.

**6. LETTER:** Write a letter to an expert on heart transplants. Ask him/her three questions about them. Give him/her three of your opinions on pig-heart transplants. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

# ANSWERS

## VOCABULARY (p.4)

1. b    2. d    3. f    4. e    5. c    6. g    7. a  
8. h    9. j    10. l    11. m    12. n    13. k    14. i

## TRUE / FALSE (p.5)

- 1 F    2 T    3 T    4 F    5 F    6 F    7 T    8 T

## SYNONYM MATCH (p.5)

1. e	2. g	3. j	4. a	5. c
6. i	7. d	8. b	9. h	10. f

## COMPREHENSION QUESTIONS (p.9)

1. The USA
2. 57
3. The day before his operation
4. A genetically-modified pig
5. Its genes
6. Seven hours
7. U.S. authorities
8. The organ-shortage crisis
9. Optimistic
10. Getting out of bed

## WORDS IN THE RIGHT ORDER (p.19)

1. Doctors in the USA transplanted a pig's heart.
2. It is the first time this has happened.
3. The only chance of keeping him alive.
4. I know it's a shot in the dark.
5. More suitable for a transplant into a human.
6. Doctors received special permission from U.S. authorities.
7. More transplants could take place in the future.
8. Closer to solving the organ shortage crisis.
9. His transplant will allow him to live longer.
10. I look forward to getting out of bed.

## MULTIPLE CHOICE - QUIZ (p.10)

1. c    2. a    3. b    4. d    5. c    6. b    7. d    8. b    9. b    10. a

## ALL OTHER EXERCISES

Please check for yourself by looking at the Article on page 2.  
(It's good for your English ;-)