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**Level 6 – 10th April 2023**

## ChatGPT-4 may be useful for medical diagnoses

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<https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

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**Please try Levels 4 and 5 (they are easier).**

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# THE ARTICLE

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

For the past few decades, many of us have relied on "Doctor Google" to self-diagnose aches, pains and complaints. The advent of AI has brought a much more powerful tool to assist with medical diagnoses - ChatGPT-4. This is the next-generation version of the chatbot ChatGPT, which was unveiled only four months ago. Doctors believe the new AI will revolutionize their work and improve the lives of their patients. Three artificial intelligence experts have written an e-book titled: "The AI Revolution in Medicine". In it, they say ChatGPT-4 will provide surgeons with critical, life-saving advice and information in real time. The authors say: "We need to start understanding and discussing AI's potential."

The new e-book says ChatGPT-4 will become invaluable to medical practitioners. It suggests the chatbot will be the equivalent of having "a benevolent mentor-servant with access to nearly all the world's medical knowledge" at your disposal. The authors said that: "In almost any way you can name, from diagnosis to medical records to clinical trials, its impact will be broad and deep." However, they also acknowledge that AI is not yet a panacea for all medical complications. The authors said ChatGPT-4 can make "subtle inaccuracies in otherwise sound medical advice". They added that AI still gives "wrong answers that almost always look right". Therefore, they cautioned against using AI without human supervision.

Sources: <https://www.insider.com/chat-gpt-successor-gpt-4-can-help-doctors-save-lives-2023-4>  
<https://futurism.com/neoscope/chatgpt-medical-advice-dubious>  
<https://www.usatoday.com/story/news/health/2023/04/01/chatgpt-medical-advice-can-chatbots-trusted-what-know/11564379002/>

# WARM-UPS

**1. CHATBOTS:** Students walk around the class and talk to other students about chatbots. 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?

the past / decades / aches / complaints / chatbot / patients / artificial intelligence / e-book / medical / mentor / knowledge / clinical trials / advice / wrong answers

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

**3. DOCTORS:** Students A **strongly** believe that advice from doctors will always be better than advice from AI; Students B **strongly** believe the opposite. Change partners again and talk about your conversations.

**4. AI:** What are the potential benefits and the potential dangers of AI in these things? Complete this table with your partner(s). Change partners often and share what you wrote.

	Potential Benefits	Potential Dangers
Medicine		
Banking		
Social media		
Global security		
Education		
Climate change		

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

**6. DIAGNOSES:** Rank these with your partner. Put the best sources for medical diagnoses at the top. Change partners often and share your rankings.

- ChatGPT-4
- Doctors
- Google
- Nurses
- Your grandmother
- Medical books
- Alternative medicine
- Your own feelings

# VOCABULARY MATCHING

## Paragraph 1

- |              |  |
|--------------|--|
| 1. relied on | a. A statement that something is unsatisfactory or unacceptable.                           |
| 2. complaint | b. The arrival of an important person or thing.  |
| 3. diagnose  | c. Depended on with full trust or confidence.  |
| 4. advent    | d. A doctor who is qualified to operate on people.   |
| 5. unveiled  | e. Showed or announced publicly for the first time.  |
| 6. surgeon   | f. Having a decisive or key importance in the success, failure, or existence of something. |
| 7. critical  | g. Identify the nature of an illness or other problem by examination of the symptoms.      |

## Paragraph 2

- |                      |  |
|----------------------|--|
| 8. invaluable        | h. Especially of a change or distinction - so delicate or precise as to be difficult to analyze or describe. |
| 9. practitioner      | i. An experienced and trusted adviser.   |
| 10. benevolent       | j. Available for one to use whenever or however one wishes.  |
| 11. mentor           | k. Extremely useful; indispensable.  |
| 12. at your disposal | l. A person actively engaged in an art, discipline, or profession, especially medicine.                      |
| 13. panacea          | m. A solution or remedy for all difficulties or diseases.  |
| 14. subtle           | n. Well meaning and kind.  |

# BEFORE READING / LISTENING

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

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

1. The article says Doctor Google is most reliable for medical diagnoses. **T / F**
2. The article says ChatGPT-4 is the most powerful tool ever created. **T / F**
3. Three experts wrote a book about AI revolutionizing medicine. **T / F**
4. The experts said we need to start talking about the potential of AI. **T / F**
5. The article suggests ChatGPT-4 will replace doctors and nurses. **T / F**
6. The experts said AI cannot find the answer to every medical problem. **T / F**
7. The experts said AI has yet to give a wrong diagnosis. **T / F**
8. The experts said it's OK for AI to make diagnoses without humans. **T / F**

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

- |                        |                  |
|------------------------|------------------|
| 1. <b>relied</b>       | a. indispensable |
| 2. <b>complaints</b>   | b. promise       |
| 3. <b>advent</b>       | c. cure-all      |
| 4. <b>unveiled</b>     | d. regulation    |
| 5. <b>potential</b>    | e. illnesses     |
| 6. <b>invaluable</b>   | f. fine          |
| 7. <b>benevolent</b>   | g. launched      |
| 8. <b>panacea</b>      | h. depended      |
| 9. <b>subtle</b>       | i. kind          |
| 10. <b>supervision</b> | j. appearance    |

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

- |   |                              |
|---|------------------------------|
| 1. The advent                                   | a. to medical practitioners  |
| 2. This is the next-generation                  | b. advice and information    |
| 3. unveiled only                                | c. medical advice            |
| 4. provide surgeons with critical, life- saving | d. human supervision         |
| 5. We need to start understanding and           | e. version of the chatbot    |
| 6. ChatGPT-4 will become invaluable             | f. all medical complications |
| 7. all the world's medical knowledge at         | g. of AI                     |
| 8. AI is not yet a panacea for                  | h. discussing AI's potential |
| 9. sound  | i. your disposal             |
| 10. they cautioned against using AI without     | j. four months ago           |

# GAP FILL

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

For the past few (1) \_\_\_\_\_, many of us have relied on "Doctor Google" to self-diagnose aches, pains and (2) \_\_\_\_\_. The advent of AI has brought a much more powerful (3) \_\_\_\_\_ to assist with medical diagnoses - ChatGPT-4. This is the next-generation version of the chatbot ChatGPT, which was (4) \_\_\_\_\_ only four months ago. Doctors believe the new AI will revolutionize their work and improve the lives of their patients. Three (5) \_\_\_\_\_ intelligence experts have written an e-book (6) \_\_\_\_\_: "The AI Revolution in Medicine". In it, they say ChatGPT-4 will provide surgeons with critical, life-saving (7) \_\_\_\_\_ and information in real time. The authors say: "We need to start understanding and discussing AI's (8) \_\_\_\_\_."

*complaints*  
*potential*  
*decades*  
*titled*  
*unveiled*  
*advice*  
*artificial*  
*tool*

The new e-book says ChatGPT-4 will become (9) \_\_\_\_\_ to medical practitioners. It suggests the chatbot will be the equivalent of having "a (10) \_\_\_\_\_ mentor-servant with access to nearly all the world's medical knowledge" at your (11) \_\_\_\_\_. The authors said that: "In almost any way you can name, from diagnosis to medical records to (12) \_\_\_\_\_ trials, its impact will be (13) \_\_\_\_\_ and deep." However, they also acknowledge that AI is not yet a (14) \_\_\_\_\_ for all medical complications. The authors said ChatGPT-4 can make "(15) \_\_\_\_\_ inaccuracies in otherwise sound medical advice". They added that AI still gives "wrong answers that almost always look right". Therefore, they cautioned against using AI without human (16) \_\_\_\_\_.

*panacea*  
*benevolent*  
*clinical*  
*supervision*  
*invaluable*  
*subtle*  
*broad*  
*disposal*

# LISTENING – Guess the answers. Listen to check.

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

- 1) For the past few decades, many of us have relied on "Doctor Google" to \_\_\_\_\_
  - a. self-diagnose aches
  - b. self-diagnose itches
  - c. self-diagnose arcs
  - d. self-diagnose arches
- 2) The advent of AI has brought a much more powerful tool to assist \_\_\_\_\_
  - a. with medically diagnoses
  - b. with medic all diagnoses
  - c. with medical diagnoses
  - d. with medi-call diagnoses
- 3) Doctors believe the new AI will revolutionize their work and improve the lives \_\_\_\_\_
  - a. of their patience
  - b. of their patients
  - c. of their patient
  - d. of their pay shunts
- 4) ChatGPT-4 will provide surgeons with critical, life-saving advice and information \_\_\_\_\_
  - a. in real time
  - b. on real time
  - c. on really time
  - d. unreal time
- 5) The authors say: "We need to start understanding and \_\_\_\_\_."
  - a. discussing AI's potent shall
  - b. discussing AI's potentiate
  - c. discussing AI's pow tent shall
  - d. discussing AI's potential
- 6) The new e-book says ChatGPT-4 will become invaluable \_\_\_\_\_
  - a. to medical partitions
  - b. to medical practitioner
  - c. to medical practitioners
  - d. to medical practice knows
- 7) It suggests the chatbot will be the equivalent of having a \_\_\_\_\_
  - a. benevolence mentor-servant
  - b. benevolent mental-servant
  - c. benevolent mentor-servant
  - d. benevolent mentor-savant
- 8) access to nearly all the world's medical knowledge \_\_\_\_\_
  - a. at your dispose all
  - b. at your dispersal
  - c. at your dispose ail
  - d. at your disposal
- 9) they also acknowledge that AI is not yet a panacea for \_\_\_\_\_
  - a. all medical complication
  - b. all medical complications
  - c. all medical complicated
  - d. all medical complicate shuns
- 10) Therefore, they cautioned against using AI \_\_\_\_\_
  - a. without human's supervision
  - b. without humanly supervision
  - c. without humane supervision
  - d. without human supervision

# LISTENING – Listen and fill in the gaps

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

For the (1) \_\_\_\_\_, many of us have relied on "Doctor Google" to self-diagnose aches, pains and complaints. (2) \_\_\_\_\_ AI has brought a much more powerful tool to assist with medical diagnoses - ChatGPT-4. This is the next-generation version of the chatbot ChatGPT, which (3) \_\_\_\_\_ four months ago. Doctors believe the new AI will revolutionize their work and (4) \_\_\_\_\_ of their patients. Three artificial intelligence experts have written an e-book titled: "The AI Revolution in Medicine". In it, they say ChatGPT-4 will provide (5) \_\_\_\_\_, life-saving advice and information (6) \_\_\_\_\_. The authors say: "We need to start understanding and discussing AI's potential."

The new e-book says ChatGPT-4 will (7) \_\_\_\_\_ medical practitioners. It suggests the chatbot will be (8) \_\_\_\_\_ having "a benevolent mentor-servant with access to nearly all the world's medical knowledge" (9) \_\_\_\_\_. The authors said that: "In almost any way you can name, from diagnosis to medical records to clinical trials, its impact will be (10) \_\_\_\_\_." However, they also acknowledge that AI is not yet a panacea for all medical complications. The authors said ChatGPT-4 can make "(11) \_\_\_\_\_ otherwise sound medical advice". They added that AI still gives "wrong answers that almost always look right". Therefore, (12) \_\_\_\_\_ using AI without human supervision.



# COMPREHENSION QUESTIONS

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

1. For how long does the article say we have relied on "Doctor Google"?
2. How long ago does the article say ChatGPT was released?
3. What do doctors believe ChatGPT-4 will improve?
4. What's the name of the e-Book that three AI experts wrote?
5. When do the experts say surgeons will get information from ChatGPT-4?
6. To whom might ChatGPT-4 become invaluable?
7. How far-reaching might ChatGPT-4's impact be?
8. What did the experts say ChatGPT-4 was not a panacea for?
9. What might creep into ChatGPT-4's medical advice?
10. What do the experts say ChatGPT-4 will need?

# MULTIPLE CHOICE - QUIZ

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

- 1) For how long does the article say we have relied on "Doctor Google"?
  - a) years and years
  - b) ages and ages
  - c) the past few decades
  - d) decades and decades
- 2) How long ago does the article say ChatGPT was released?
  - a) 4 months ago
  - b) a year ago
  - c) a few weeks ago
  - d) ages ago
- 3) What do doctors believe ChatGPT-4 will improve?
  - a) the lives of patients
  - b) the Internet
  - c) doctors' working conditions
  - d) medicine
- 4) What's the name of the e-Book that three AI experts wrote?
  - a) The Chatbot Revolution in Medicine
  - b) The AI Revolution in Medicine
  - c) The ChatGPT-4 Revolution in Medicine
  - d) The Revolution in AI Medicine
- 5) When do the experts say surgeons will get information from ChatGPT-4?
  - a) reasonably quickly
  - b) in the near future
  - c) soon
  - d) in real time
- 6) To whom might ChatGPT-4 become invaluable?
  - a) patients
  - b) medical practitioners
  - c) chatbots
  - d) medical blog writers
- 7) How far-reaching might ChatGPT-4's impact be?
  - a) broad and deep
  - b) far and wide
  - c) long and lasting
  - d) everlasting
- 8) What did the experts say ChatGPT-4 was not a panacea for?
  - a) chatbots
  - b) misdiagnoses
  - c) all medical complications
  - d) illnesses
- 9) What might creep into ChatGPT-4's medical advice?
  - a) incorrect advice
  - b) doubt
  - c) paranoia
  - d) subtle inaccuracies
- 10) What do the experts say ChatGPT-4 will need?
  - a) human supervision
  - b) lots of processing power
  - c) time
  - d) advertising

# ROLE PLAY

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

## **Role A – ChatGPT-4**

You think ChatGPT-4 is the best source of medical diagnoses. Tell the others three reasons why. Tell them what is wrong with their sources. Also, tell the others which is the worst of these (and why): Google, grandmothers or medical books.

## **Role B – Google**

You think Google is the best source of medical diagnoses. Tell the others three reasons why. Tell them what is wrong with their sources. Also, tell the others which is the worst of these (and why): ChatGPT-4, grandmothers or medical books.

## **Role C – Grandmothers**

You think grandmothers are the best source of medical diagnoses. Tell the others three reasons why. Tell them what is wrong with their sources. Also, tell the others which is the worst of these (and why): Google, ChatGPT-4 or medical books.

## **Role D – Medical Books**

You think medical books are the best source of medical diagnoses. Tell the others three reasons why. Tell them what is wrong with their sources. Also, tell the others which is the worst of these (and why): Google, grandmothers or ChatGPT-4.

# AFTER READING / LISTENING

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

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

<b>medical</b>	<b>diagnosis</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>• few</li><li>• advent</li><li>• four</li><li>• titled</li><li>• critical</li><li>• start</li></ul>	<ul style="list-style-type: none"><li>• become</li><li>• having</li><li>• access</li><li>• impact</li><li>• wrong</li><li>• human</li></ul>
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# CHATBOTS SURVEY

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

Write five GOOD questions about Chatbots 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.

# CHATBOTS 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 'medicine'?
3. Where do you go for medical advice?
4. Do you ever use Google for medical information?
5. What aches and pains have you had?
6. What do you think of chatbots?
7. Have you used ChatGPT?
8. In what ways might ChatGPT help doctors?
9. What will the AI revolution in medicine look like?
10. How do you think AI might help you?

*ChatGPT-4 may be useful for medical diagnoses – 10th April 2023*  
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# CHATBOTS 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 'chatbot'?
13. What do you think about what you read?
14. Do you think AI will replace doctors?
15. Are there any dangers of AI?
16. Do you think chatbots will make people think less?
17. Would you prefer the advice of a doctor or ChatGPT-4?
18. Will AI change your career?
19. What do you think AI will be doing in ten years from now?
20. What questions would you like to ask the authors?

# 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/2304/230410-chatgpt-4-medical-diagnoses.html>

For the (1) \_\_\_\_\_ few decades, many of us have relied on "Doctor Google" to self-diagnose aches, pains and (2) \_\_\_\_\_. The advent of AI has brought a much more powerful tool to assist with medical diagnoses - ChatGPT-4. This is the next-generation version of the chatbot ChatGPT, which was (3) \_\_\_\_\_ only four months ago. Doctors believe the new AI will revolutionize their work and improve the lives of (4) \_\_\_\_\_ patients. Three artificial intelligence experts have written an e-book titled: "The AI Revolution in Medicine". In it, they say ChatGPT-4 will provide (5) \_\_\_\_\_ with critical, life-saving advice and information in real time. The authors say: "We need to start understanding and discussing AI's (6) \_\_\_\_\_."

The new e-book says ChatGPT-4 will become invaluable (7) \_\_\_\_\_ medical practitioners. It suggests the chatbot will be the equivalent (8) \_\_\_\_\_ having "a benevolent mentor-servant with access to nearly all the world's medical knowledge" at your disposal. The authors said that: "In almost any way you can (9) \_\_\_\_\_, from diagnosis to medical records to clinical trials, its impact will be (10) \_\_\_\_\_ and deep." However, they also acknowledge that AI is not yet a panacea for all medical complications. The authors said ChatGPT-4 can make "(11) \_\_\_\_\_ inaccuracies in otherwise sound medical advice". They added that AI still gives "wrong answers that almost always look right". Therefore, they cautioned (12) \_\_\_\_\_ using AI without human supervision.

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

- |     |                |               |               |                 |
|-----|----------------|---------------|---------------|-----------------|
| 1.  | (a) passed     | (b) parsed    | (c) past      | (d) pasts       |
| 2.  | (a) complaints | (b) compliant | (c) complains | (d) complements |
| 3.  | (a) unveiled   | (b) shrouded  | (c) defrocked | (d) upstaged    |
| 4.  | (a) their      | (b) them      | (c) these     | (d) they        |
| 5.  | (a) sturgeons  | (b) surgeons  | (c) surgeries | (d) surgery     |
| 6.  | (a) potentate  | (b) portent   | (c) potent    | (d) potential   |
| 7.  | (a) of         | (b) at        | (c) to        | (d) on          |
| 8.  | (a) at         | (b) by        | (c) in        | (d) of          |
| 9.  | (a) name       | (b) call      | (c) spell     | (d) define      |
| 10. | (a) broad      | (b) broaden   | (c) breadth   | (d) broadly     |
| 11. | (a) amble      | (b) subtle    | (c) fable     | (d) hobble      |
| 12. | (a) for        | (b) from      | (c) against   | (d) of          |



# SPELLING

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

## Paragraph 1

1. self-diagnose cesha, pains and complaints
2. The natvde of AI
3. luvideen only four months ago
4. artificial intelligence xtereps
5. clriacti, life-saving advice
6. discussing AI's tneolpita

## Paragraph 2

7. ChatGPT-4 will become vlinauelab
8. medical naciettiposrr
9. a vtnebleeno mentor-servant
10. a cnaapea for all medical complications
11. ChatGPT-4 can make uesblt inaccuracies
12. without human nopsueriisv

# PUT THE TEXT BACK TOGETHER

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

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

- ( ) right". Therefore, they cautioned against using AI without human supervision.
- ( ) to medical records to clinical trials, its impact will be broad and deep." However, they also acknowledge that AI is not
- ( ) inaccuracies in otherwise sound medical advice". They added that AI still gives "wrong answers that almost always look
- ( **1** ) For the past few decades, many of us have relied on "Doctor Google" to self-diagnose aches, pains
- ( ) be the equivalent of having "a benevolent mentor-servant with access to nearly all the world's medical
- ( ) The new e-book says ChatGPT-4 will become invaluable to medical practitioners. It suggests the chatbot will
- ( ) and complaints. The advent of AI has brought a much more powerful tool to assist
- ( ) advice and information in real time. The authors say: "We need to start understanding and discussing AI's potential."
- ( ) only four months ago. Doctors believe the new AI will revolutionize their work and improve the
- ( ) titled: "The AI Revolution in Medicine". In it, they say ChatGPT-4 will provide surgeons with critical, life-saving
- ( ) lives of their patients. Three artificial intelligence experts have written an e-book
- ( ) yet a panacea for all medical complications. The authors said ChatGPT-4 can make "subtle
- ( ) knowledge" at your disposal. The authors said that: "In almost any way you can name, from diagnosis
- ( ) with medical diagnoses - ChatGPT-4. This is the next-generation version of the chatbot ChatGPT, which was unveiled

# PUT THE WORDS IN THE RIGHT ORDER

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

1. of have Many us on "Doctor Google" . relied
2. brought AI advent powerful The of a tool .
3. next-generation is the This version of chatbot . the
4. revolutionize believe their AI Doctors will the work .
5. to need and start understanding We AIs . discussing
6. to ChatGPT-4 become practitioners . will medical invaluable
7. at disposal . world's knowledge your the All medical
8. for all a isn't medical panacea AI complications .
9. gives They AI added still wrong that answers .
10. AI using without cautioned supervision . against They

# CIRCLE THE CORRECT WORD (20 PAIRS)

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

For the *past / passed* few decades, many of us have relied *on / in* "Doctor Google" to self-diagnose aches, pains and *compliments / complaints*. The advent of AI has brought a much more powerful tool to assist *with / on* medical diagnoses - ChatGPT-4. This is the next-generation *version / vision* of the chatbot ChatGPT, which was unveiled only four months ago. Doctors believe the new AI will revolutionize their work and improve the lives of their *patience / patients*. Three artificial intelligence *expertise / experts* have written an e-book titled: "The AI Revolution in Medicine". In it, they say ChatGPT-4 will provide surgeons with *critical / critically*, life-saving advice and information in *really / real* time. The authors say: "We need to start understanding and discussing AI's *potent / potential*."

The new e-book says ChatGPT-4 will become invaluable to medical *practitioners / practicalities*. It suggests the chatbot will be the *equally / equivalent* of having "a benevolent mentor-servant with *excess / access* to nearly all the world's medical knowledge" at your *dispersal / disposal*. The authors said that: "In almost any way you can *call / name*, from diagnosis to medical records to clinical trials, its impact will be *braid / broad* and deep." However, they also acknowledge that AI is not yet a *panic / panacea* for all medical complications. The authors said ChatGPT-4 can make "*stubble / subtle* inaccuracies in otherwise *sound / heard* medical advice". They added that AI still gives "wrong answers that almost always look right". Therefore, they cautioned *against / for* using AI without human supervision.

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

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

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

F\_r th\_ p\_st f\_w d\_c\_d\_s, m\_ny \_f \_s h\_v\_ r\_l\_\_d \_n  
"D\_ct\_r G\_\_gl\_" t\_ s\_lf-d\_\_gn\_s\_ \_ch\_s, p\_\_ns \_nd  
c\_mpl\_\_nts. Th\_ \_dv\_nt \_f \_\_ h\_s br\_\_ght \_ m\_ch  
m\_r\_ p\_w\_rfl t\_\_l t\_ \_ss\_st w\_th m\_d\_c\_l d\_\_gn\_s\_s  
- Ch\_tGPT-4. Th\_s \_s th\_ n\_xt-g\_n\_r\_t\_\_n v\_rs\_\_n \_f  
th\_ ch\_tb\_t Ch\_tGPT, wh\_ch w\_s \_nv\_\_l\_d \_nly f\_\_r  
m\_nths \_g\_. D\_ct\_rs b\_l\_\_v\_ th\_ n\_w \_\_ w\_ll  
r\_v\_l\_t\_\_n\_z\_ th\_\_r w\_rk \_nd \_mpr\_v\_ th\_ l\_v\_s \_f  
th\_\_r p\_t\_\_nts. Thr\_\_ \_rt\_f\_c\_\_l \_nt\_ll\_g\_nc\_ \_xp\_rts  
h\_v\_ wr\_tt\_n \_n \_-b\_\_k t\_t\_l\_d: "Th\_ \_\_ R\_v\_l\_t\_\_n \_n  
M\_d\_c\_n". \_n \_t, th\_y s\_y Ch\_tGPT-4 w\_ll pr\_v\_d\_  
s\_rg\_\_ns w\_th cr\_t\_c\_l, l\_f\_-s\_v\_ng \_dv\_c\_ \_nd  
\_nfrm\_t\_\_n \_n r\_\_l t\_m\_. Th\_ \_\_th\_rs s\_y: "W\_ n\_\_d  
t\_ st\_rt \_nd\_rst\_ndng \_nd d\_sc\_ss\_ng \_\_'s p\_t\_nt\_\_l."

Th\_ n\_w \_-b\_\_k s\_y\_s Ch\_tGPT-4 w\_ll b\_c\_m\_ \_nv\_l\_\_bl\_  
t\_ m\_d\_c\_l pr\_ct\_t\_\_n\_rs. \_t s\_gg\_sts th\_ ch\_tb\_t w\_ll  
b\_ th\_ \_q\_\_v\_l\_nt \_f h\_v\_ng "\_ b\_n\_v\_l\_nt m\_nt\_r-  
s\_rv\_nt w\_th \_cc\_ss t\_ n\_\_rly \_ll th\_ w\_rld's m\_d\_c\_l  
kn\_wl\_dg\_" \_t y\_\_r d\_sp\_s\_l. Th\_ \_\_th\_rs s\_\_d th\_t:  
"\_n \_lm\_st \_ny w\_y y\_\_ c\_n n\_m\_, fr\_m d\_\_gn\_s\_s t\_  
m\_d\_c\_l r\_c\_rds t\_ cl\_n\_c\_l tr\_\_ls, \_ts \_mp\_ct w\_ll b\_  
br\_\_d \_nd d\_\_p." H\_w\_v\_r, th\_y \_ls\_ \_ckn\_wl\_dg\_ th\_t  
\_\_ \_s n\_t y\_t \_ p\_n\_c\_\_ f\_r \_ll m\_d\_c\_l  
c\_mpl\_c\_t\_\_ns. Th\_ \_\_th\_rs s\_\_d Ch\_tGPT-4 c\_n m\_k\_  
"s\_btl\_ \_n\_cc\_r\_c\_\_s \_n \_th\_rw\_s\_ s\_\_nd m\_d\_c\_l  
\_dv\_c\_". Th\_y \_dd\_d th\_t \_\_ st\_ll g\_v\_s "wr\_ng  
\_nsw\_rs th\_t \_lm\_st \_lw\_ys l\_\_k r\_gh\_t". Th\_r\_f\_r\_,  
th\_y c\_\_t\_\_n\_d \_g\_\_nst \_s\_ng \_\_ w\_th\_\_t h\_m\_n  
s\_p\_rv\_s\_\_n.

# PUNCTUATE THE TEXT AND ADD CAPITALS

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

for the past few decades many of us have relied on doctor google to selfdiagnose aches pains and complaints the advent of ai has brought a much more powerful tool to assist with medical diagnoses chatgpt4 this is the nextgeneration version of the chatbot chatgpt which was unveiled only four months ago doctors believe the new ai will revolutionize their work and improve the lives of their patients three artificial intelligence experts have written an ebook titled the ai revolution in medicine in it they say chatgpt4 will provide surgeons with critical lifesaving advice and information in real time the authors say we need to start understanding and discussing ais potential

the new ebook says chatgpt4 will become invaluable to medical practitioners it suggests the chatbot will be the equivalent of having a benevolent mentorservant with access to nearly all the worlds medical knowledge at your disposal the authors said that in almost any way you can name from diagnosis to medical records to clinical trials its impact will be broad and deep however they also acknowledge that ai is not yet a panacea for all medical complications the authors said chatgpt4 can make subtle inaccuracies in otherwise sound medical advice they added that ai still gives wrong answers that almost always look right therefore they cautioned against using ai without human supervision

# PUT A SLASH ( / ) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/2304/230410-chatgpt-4-medical-diagnoses.html>

For the past few decades, many of us have relied on "Doctor Google" to self-diagnose aches, pains and complaints. The advent of AI has brought a much more powerful tool to assist with medical diagnoses - ChatGPT-4. This is the next-generation version of the chatbot ChatGPT, which was unveiled only four months ago. Doctors believe the new AI will revolutionize their work and improve the lives of their patients. Three artificial intelligence experts have written a new book titled: "The AI Revolution in Medicine". In it, they say ChatGPT-4 will provide surgeons with critical, life-saving advice and information in real time. The authors say: "We need to start understanding and discussing AI's potential." The new book says ChatGPT-4 will become invaluable to medical practitioners. It suggests the chatbot will be the equivalent of having "a benevolent mentor-servant with access to nearly all the world's medical knowledge" at your disposal. The author said that: "In almost any way you can name, from diagnosis to medical records to clinical trials, its impact will be broad and deep." However, they also acknowledge that AI is not yet a panacea for all medical complications. The author said ChatGPT-4 can make "subtle inaccuracies in other ways sound like medical advice". They added that AI still gives "wrong answers that almost always look right". Therefore, they cautioned against using AI without human supervision.







# HOMework

**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. CHATBOTS:** Make a poster about chatbots. Show your work to your classmates in the next lesson. Did you all have similar things?

**4. MEDICAL DIAGNOSES:** Write a magazine article about relying on chatbots for medical diagnoses. Include imaginary interviews with people who are for and against this.

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 chatbots. Ask him/her three questions about Chatbots. Give him/her three of your ideas. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

# ANSWERS

## VOCABULARY (p.4)

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

## TRUE / FALSE (p.5)

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

## SYNONYM MATCH (p.5)

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

## COMPREHENSION QUESTIONS (p.9)

1. The past few decades
2. Four months ago
3. The lives of patients
4. The AI Revolution in Medicine
5. In real time
6. Medical practitioners
7. Broad and deep
8. All medical complications
9. Subtle inaccuracies
10. Human supervision

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

1. Many of us have relied on "Doctor Google".
2. The advent of AI brought a powerful tool.
3. This is the next-generation version of the chatbot.
4. Doctors believe the AI will revolutionize their work.
5. We need to start understanding and discussing Ais.
6. ChatGPT-4 will become invaluable to medical practitioners.
7. All the world's medical knowledge at your disposal.
8. AI isn't a panacea for all medical complications.
9. They added that AI still gives wrong answers.
10. They cautioned against using AI without supervision.

## MULTIPLE CHOICE - QUIZ (p.10)

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

## ALL OTHER EXERCISES

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