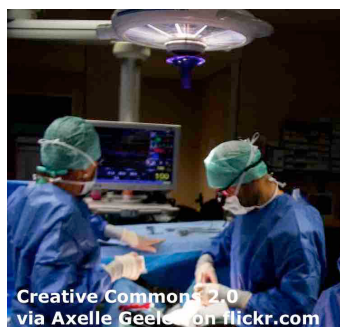## ChatGPT-4 may be useful for medical diagnoses

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via Axelle Geelen on flickr.com

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: insider.com / *futurism.com* / *usatoday.com*

Writing

It's dangerous for doctors to rely on chatbots in operating theatres. Discuss.

Chat

Talk about these words from the article.

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

True / False

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

Synonym Match

(The words in **bold** are from the news article.)

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

Discussion – Student A

a) What do you think about what you read?
b) Do you think AI will replace doctors?
c) Are there any dangers of AI?
d) Do you think chatbots will make people think less?
e) Would you prefer the advice of a doctor or ChatGPT-4?
f) Will AI change your career?
g) What do you think AI will be doing in ten years from now?
h) What questions would you like to ask the authors?

Phrase Match

1. The advent
2. This is the next-generation
3. unveiled only
4. provide surgeons with critical, life- saving
5. We need to start understanding and
6. ChatGPT-4 will become invaluable
7. all the world's medical knowledge at
8. AI is not yet a panacea for
9. sound
10. they cautioned against using AI without

a. to medical practitioners
b. advice and information
c. medical advice
d. human supervision
e. version of the chatbot
f. all medical complications
g. of AI
h. discussing AI's potential
i. your disposal
j. four months ago

Discussion – Student B

a) Where do you go for medical advice?
b) Do you ever use Google for medical information?
c) What aches and pains have you had?
d) What do you think of chatbots?
e) Have you used ChatGPT?
f) In what ways might ChatGPT help doctors?
g) What will the AI revolution in medicine look like?
h) How do you think AI might help you?

Spelling

1. self-diagnose <u>cesha</u>, pains and complaints

2. The <u>natvde</u> of AI

3. <u>luvideen</u> only four months ago

4. artificial intelligence <u>xtereps</u>

5. <u>clriacti</u>, life-saving advice

6. discussing AI's <u>tneolpita</u>

7. ChatGPT-4 will become <u>vlinauelab</u>

8. medical <u>naciettiposrr</u>

9. a <u>vtnebleeno</u> mentor-servant

10. a <u>cnaapea</u> for all medical complications

11. ChatGPT-4 can make <u>uesblt</u> inaccuracies

12. without human <u>nopsueriisv</u>

Role Play

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.

Speaking – 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