



# WILL AI CHANGE MEDICAL EDUCATION AND CONTENT GENERATION? **YOU BE THE JUDGE.**

In the past, an individual's access to information was the key to successful content creation. The internet revolutionized the way information is gathered and distributed by granting access to everyone. As a result, the ability to process and interpret data meaningfully became paramount. AI takes this to the next level by offering a faster and more efficient way to access, analyze, and assimilate vast amounts of knowledge. The secret to success in the future may therefore be to know what questions to ask.

I was recently introduced to ChatGPT (OpenAI), an AI language processing tool that can generate meaningful content with a short prompt. I asked ChatGPT to produce an editorial, and it generated the response to the right in less than 60 seconds. (Editor's note: The response has not been edited or changed in any way.)

I was amazed at how quickly ChatGPT created the editorial and touched on the essential points that are relevant to the discussion. Observing this gave me a feeling similar to witnessing the world wide web in action for the first time. I can't help but think we are at the leading edge of a paradigm shift that has the potential to drastically change the way we create, consume, and integrate content. I look forward to seeing how this transforms our field and society in general. ■

*William F. Wiley, M.D.*

**WILLIAM F. WILEY, MD | CHIEF MEDICAL EDITOR**



**@Wiley2020**

Write a 400-word editorial on the use of AI in medical education and use a quote from Hippocrates



**@ChatGPTBot**

Artificial intelligence (AI) is rapidly changing the landscape of medical education, offering new opportunities for both students and educators. One of the most significant benefits of AI in medical education is its ability to provide personalized learning experiences. With the use of machine learning algorithms, AI can analyze a student's strengths and weaknesses and create a tailored curriculum that meets their specific needs. This allows students to progress at their own pace, which can be especially beneficial for those who may have difficulty keeping up with traditional classroom teaching.

Another advantage of AI in medical education is its ability to simulate real-world medical scenarios. With the use of virtual reality and other technology, AI can create realistic simulations of medical procedures and surgeries, allowing students to gain hands-on experience without the need for live patients. This can be especially beneficial for students who may have difficulty understanding complex medical concepts through traditional teaching methods.

AI also has the potential to revolutionize medical research. With the ability to analyze large amounts of data quickly and accurately, AI can help researchers identify patterns and trends that may otherwise have gone unnoticed. This can lead to new discoveries and advancements in medical treatments, which can ultimately benefit patients.

However, it's important to keep in mind that AI is not a replacement for human intelligence, but rather a tool that can enhance it. As the ancient Greek physician Hippocrates said, "First, do no harm." The use of AI in medical education must be approached with caution, as the technology is still in its early stages and there is a risk of unintended consequences. It's important to ensure that AI is used ethically and that it is not used to replace human expertise, but rather to augment it.

In conclusion, AI has the potential to transform medical education and research in a way that can benefit both students and patients. However, it's essential to approach the use of AI with caution, and to ensure that it is used ethically and in a way that augments human expertise. The integration of AI in medical education can not only help student to learn more efficiently but also help the medical fraternity in providing better service to the patient. With the use of AI, we can be sure of a more accurate and efficient healthcare system in future.