Artificial intelligence in medicine!

Artificial intelligence (AI) is already helping doctors and patients in many different ways. In the future, AI will be even more important in healthcare. AI can help doctors to work faster and better. For example, AI can read medical images like X-rays, CT scans and MRIs. It can find problems that human doctors sometimes miss. This is very important because it means doctors can start treatment sooner. AI can also help doctors understand a patient's symptoms and make a diagnosis. This helps doctors choose the best treatment for their patient.

In the future, AI could do many other things for doctors too. For example, it could write prescriptions. It could also remind doctors about things they need to do for their patients.

In the future, AI could do much more for patients. For example, AI could be a personal health adviser. It could answer a person's questions about their health. It could also help them make decisions about their treatment. If a person has to go to hospital, AI could help make their stay more comfortable. For example, it could bring them food when they're hungry or change the TV channel. And after a person leaves hospital, AI could help them get better at home. It could remind them to take their medicine and do their exercises.

But AI isn't just for doctors and patients. It can also help scientists to find new treatments for diseases. For example, it can look at millions of articles and books about medicine. Then it can tell scientists which articles are most important for their research. This can save a lot of time and help scientists work faster. In the future, AI could help scientists in many other ways too.

CT = computer tomography

- healthcare – здравоохранение
- to miss – пропускать, скучать
- treatment – лечение
- a prescription – назначение врача
- decision – решение
- disease – заболевание
- to remind – напоминать

PROJECT

Give a 3-minute talk on using AI in medicine in Russia. Use the following plan:

- Is it used in Russian medicine now? If yes, where and how?
- What are the possible ways to use it in Russian medicine?
- What are the ethical (этические) and legal (юридические) challenges of using AI in medicine?

DISCUSSION

Discussion:

1. How can AI in healthcare help both doctors and patients?

2. What are the potential future ways of using AI in healthcare?

3. What are potential advantages and drawbacks of AI's involvement in healthcare?