

Код УГПС – 31.00.00 Клиническая медицина

Тема 3. Государственные учреждения, бизнес и услуги, и их влияние.

- A. What promising trends in modern medicine do you know? Name the ones that you consider the most important.
- B. Read the article about new inventions in Russian medicine.

Cancer treatment - лечение рака

Diseases - заболевания

Rehabilitation - восстановление

Injuries - травмы

Surgeries - хирургические

вмешательства



In September 2023 Russian scientists announced a new effective cure for cancer, which has almost no side effects. Cancer treatment is just one of many areas of research for Russian doctors. Let's find out in what other areas of medicine new discoveries await us in the near future.

1. Use of artificial intelligence and machine learning

Artificial intelligence (AI) and machine learning (ML) have been used in medicine for a long time, but now we expect even greater developments in these technologies. The use of AI and ML helps doctors diagnose diseases faster and more accurately, determine the risks of disease development, and select the most effective treatment methods.

2. Personalized medicine

Personalized medicine is an approach to treatment based on taking into account the individual characteristics of the patient. Some personalized technologies are already available in Russia, such as genetic tests, which help determine the most effective treatments. We can expect even greater advances in personalized medicine and increased use of genetic tests.

3. Digital technologies in rehabilitation

Digital technologies such as virtual reality are already being used in the rehabilitation of patients after injuries and surgeries. In Russia various virtual reality programs are available, they can improve motor skills and coordination, as well as reduce recovery time. In future, we can expect even greater developments in digital technologies in rehabilitation and the emergence of new innovative treatment methods.

C. Discuss in pairs

Which of medical trends is the most important in your opinion?

Which one could be the most easily accessible and affordable to common people?

D. Project work

Which of the medical services described in the text are already available in your city? Search for information about situations in which they are used, who the target audience are, what advantages the new medical services have, compared to more traditional methods of treatment. Present the results of your project in a class presentation.