

QUESTIONNAIRE PERSONALIZED MEDICINE

1. Have you ever heard of personalized medicine before this event?

yes

no

2. What is your personal opinion on personalized medicine?

very positive

rather positive

neutral

rather negative

very negative

3. Imagine the following situation:

You are healthy and your doctor will offer you a test that predicts whether you will develop a very rare (only one person in 10,000) but fatal disease in the next ten years. Unfortunately, there is no treatment for this disease once it has broken out. However, it is possible to significantly delay the onset of the disease with a drug (e.g. by ten years). The drug has massive side effects. You know from the test that it covers everyone who will fall ill. However, it is also positive (i.e. false) in 30% of persons who do not fall ill. In these people, the drug would of course have no protective effect, only a negative one.

a) I would not take this test.

b) I would do this test and carry out the preventive therapy.

c) I would take this test if only 10% of the results were false positives.

d) I would take this test if only 1% of the results were false positives.

4. You suffer from a chronic kidney disease. There is a completely new test that can predict with 80 % certainty whether you will respond particularly well to a certain medication. The test is complicated, based on artificial intelligence methods, and neither you nor your doctor understand how it works.

a) I would not take this test.

b) I would do such a test, but I won't decide what to do until I have also sought opinion on my doctor's best treatment for me.

c) I would believe the test result and act accordingly.

5. Optimal personalized diagnostics naturally require the collection of very personal data. If this data is anonymized (i.e. it is no longer possible to trace the origin of the data) who is most likely to get access from your point of view (multiple answers possible)?

Academic institutions (e.g. universities)

Doctors in private practice

Hospital facilities

Pharmaceutical companies

Authorities

Health insurance companies

Self-help groups, patient organizations

Pharmacists