



Online Drug interaction checker
“I know my medications”

INFORMATION ABOUT THE DRUG INTERACTION CHECKER

The Association of Innovative Pharmaceutical Industry (AIFP) associates **35 pharmaceutical companies** that develop and produce new medicinal products. The AIFP tries to raise awareness of these innovative medications or patients' rights. The member companies follow a strict Code of Conduct. The AIFP wants to improve the situation of Czech patients and contribute to cultivation of health care system.

The free online drug interaction checker "I know my medications" helps patients to understand their medications and identify possible drug-drug interactions. The drug interaction checker is one of the AIFP's projects. You can visit this online tool on AIFP's website (www.aifp.cz) or on the address www.znamsveleky.cz. The visitor of the website easily fill in all medications that he takes and pharmaceutical expert from the checker sends him answer via e-mail. The expert can reveal potential undesirable drug-drug interaction. Also the duplication (situation when patient takes drugs with the same or similar medical substance) can be revealed. The expert can also point out specific food and herbs that patient should

avoid depending on his medications. The online drug interaction checker is completely free, this service was made to bring benefits to society.

The online drug interaction checker is designated for patients who are taking several different medicinal products (on prescription or OTC medications). The checker does not replace physician's or pharmacist's professional advice. But in the case of revealed interaction patient should definitely consult his medications with physician or pharmacist.

The online drug interaction checker is anonymous. No personal data are collected for the project.

Tens of thousands of patients' questions and thousands of discovered drug interactions

The online drug interaction checker was launched in 2014. After three years of existence 40 000 questions were answered. The potential undesirable drug interaction was detected in 37 per cent of questions. Drug interactions can be light, but in severe cases can even cause death. Hundreds of very serious interactions were also detected in online drugs checker. Also duplications pose a threat to patients. Taking two or more medicine with different names but with same or similar medical substance

can lead to overdose. About every tenth drug combination, that people fill in drug checker, contains at least one duplication.



more than
40 000
questions

in 7/2014 – 10/2017

Interactions

37%

of questions contained potential undesirable drug interactions

i 3 degrees of undesirable interactions

- It is necessary to change the dosage, to monitor certain laboratory tests and symptoms.
- A very serious drug interaction; the administration of both medications should be avoided.
- A life-threatening contraindication.

Most frequent interactions

have drugs against diseases of:



Cardiovascular system



Nervous system



Musculoskeletal system



Blood and hematologic organs



Digestive tract and metabolism

Duplication



every
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Most frequent duplication

have drugs against diseases of:



Cardiovascular system



Nervous system



Digestive tract and metabolism

The AIFP keeps improving the online drug interaction checker “I know my medications” to make it most beneficial for Czech patients.

The Association of Innovative Pharmaceutical Industry



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