

Vaccine reaction

The body's response to the administered vaccine can be divided into:

- **local** - swelling, redness, pain at the injection site;
- **general** - elevated temperature, headache, joint pain, muscle pain.

According to the degree of severity, we can divide the reactions into **common** and **serious**. Serious reactions include abscess at the injection site, fever, meningeal phenomena, post-vaccination encephalitis, Guillain-Barré syndrome, anaphylactic shock. Serious reactions to the vaccine must be reported to SÚKL and a batch of the administered substance must be provided.

Contraindications to vaccination

There are conditions where it is not recommended to vaccinate.

- Transient - acute illness, convalescence, antibiotic use;
- permanent - severe allergic reaction after previous administration of the vaccine, allergy to a certain component of the vaccine.

Live vaccine is contraindicated in patients with active tuberculosis, in patients with cancer, severe immunodeficiency and in pregnant patients. With a few exceptions (rabies, varicella), a suspected ongoing disease against which we want to be vaccinated is also a contraindication.

Links

Related articles

- Vaccination
- Vaccination (epidemiology)

Bibliography

- TUČEK, Milan. *Hygiena a epidemiologie*. 1. edition. Karolinum, 2012. ISBN 978-80-246-2025-1.