

DOKTORES LÖW

Hausärztlich internistische Gemeinschaftspraxis



DOKTORES LÖW · Weißenburger Straße 7c · 91757 Treuchtlingen

ENGLISCH

County-wide vaccination offer for schoolchildren from 12 years of age

Comirnaty (BNT162b2) is a so-called mRNA-based vaccine (mRNA = messenger ribonic acid). The mRNA contains the “blueprint” for a protein on the surface of the coronavirus SARS-CoV-2 (“the prickly protein”). As a result of the vaccination, the blueprint gets into the body parts via tiny fat particles (fat nanobodies). They then produce the corona protein (S protein) for a short time, later the blueprint is broken down again in the cells. This stimulates the formation of antibodies against the foreign protein. If the vaccinated person comes into contact with the coronavirus later, it is quickly recognized and targeted.

The vaccine Comirnaty (Biontech / Pfizer) has also been approved for children and adolescents between 12 and 15 years of age since the end of May 2021. The StiKo currently recommends vaccinating only children with health problems, but all children aged 12 and over can be vaccinated who want this and whose parents agree. Temporary side effects of the vaccinations such as pain at the injection site, exhaustion, headache, muscle or joint pain, chills or fever are common, but usually remain mild. This is typical of this type of vaccine. So far there are no indications of serious side effects. All vaccination reactions were short-lived (1-3 days) and subsided without consequences. Rare cases of myocardial inflammation, especially after vaccination of young men with the MRNA vaccine, are currently being investigated in Israel and, in isolated cases, in Norway and Germany. By the end of May, 122 suspected mild myocarditis and 126 pericarditis had been received for Comirnaty out of 160 million vaccinations. None of the young men affected had to be treated in hospital; physical rest alone was usually sufficient for recovery.

The effectiveness of the vaccine was examined for approval in a study with around 2,200 children and adolescents between 12 and 15 years of age. The first evaluation took place in mid-March 2021. By then, an average of 2 months had passed after the second. Children with very serious illnesses, severe immunodeficiency or other special risks were excluded.

The risk of developing Covid-19 decreased significantly (by 100%) through the vaccination with Comirnaty.

The vaccine is safe and the delta wave threatens everyday school life in autumn! The Bavarian Association of General Practitioners also recommends vaccinating anyone over the age of 12. We would like to help the students, together with their teachers, to be able to go to a normal school year in autumn without school closings and homeschooling. That is why the Altmühlfranken vaccination center and I offer this vaccination campaign to the schools in the district!

You are welcome to contact me with further questions!

Dr. Peter Loew

Coordination doctor in the district

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