

> [Laryngorhinootologie](#). 2021 Jul;100(7):526-528. doi: 10.1055/a-1501-0470. Epub 2021 May 11.

# [Acute facial paresis as a possible complication of vaccination against SARS-CoV-2]

[Article in German]

[Gerd Fabian Volk](#)<sup>1</sup>, [Anna-Maria Kутtenreich](#)<sup>1</sup>, [Maren Geitner](#)<sup>1</sup>, [Orlando Guntinas-Lichius](#)<sup>1</sup>

Affiliations + expand

PMID: 33975372 DOI: [10.1055/a-1501-0470](#)

**Abstract** in English, [German](#)

Although acute facial nerve palsy (Bell's palsy) is explicitly mentioned in the information sheets for vaccines as a possible complication of vaccination against SARS-CoV-2, from our point of view the benefits of the vaccination clearly outweigh the possible risks. At most, if at all, a slightly increased risk can be derived from the previous case reports. In general, the risk of acute facial palsy is described in association with many vaccinations. The risk, if any, does not appear to be a specific risk of SARS-CoV-2 vaccines. On the other hand, cases of acute facial palsy as symptom of a COVID-19 disease have also been described, so that the theoretical question arises as to the extent to which the vaccination may prevent rather than promote the occurrence of facial palsy. Ultimately, if acted quickly, acute facial paralysis can be treated well and its severity and sequelae cannot be compared with the severity of a COVID-19 disease and its possible long-COVID sequelae.

Thieme. All rights reserved.

## Conflict of interest statement

Die Autorinnen/Autoren geben an, dass kein Interessenkonflikt besteht.

## Similar articles

[Sequential contralateral facial nerve palsies following COVID-19 vaccination first and second doses.](#)

Burrows A, Bartholomew T, Rudd J, Walker D.

BMJ Case Rep. 2021 Jul 19;14(7):e243829. doi: 10.1136/bcr-2021-243829.

PMID: 34281950 [Free PMC article.](#)

[Bell's palsy following vaccination with mRNA \(BNT162b2\) and inactivated \(CoronaVac\) SARS-CoV-2 vaccines: a case series and nested case-control study.](#)

Wan EYF, Chui CSL, Lai FTT, Chan EWY, Li X, Yan VKC, Gao L, Yu Q, Lam ICH, Chun RKC, Cowling BJ, Fong WC, Lau AYL, Mok VCT, Chan FLF, Lee CK, Chan LST, Lo D, Lau KK, Hung IFN, Leung GM, Wong ICK.

Lancet Infect Dis. 2022 Jan;22(1):64-72. doi: 10.1016/S1473-3099(21)00451-5. Epub 2021 Aug 16.

PMID: 34411532 [Free PMC article.](#)

[Response to "Facial nerve palsy following the administration of COVID-19 mRNA vaccines: analysis of a self-reporting database" by Sato et al.](#)

O'Fee JR, Li J, Chang JR.

Int J Infect Dis. 2022 Mar;116:10. doi: 10.1016/j.ijid.2021.12.346. Epub 2021 Dec 24.

PMID: 34954309 [Free PMC article.](#) No abstract available.

### FULL TEXT LINKS



### ACTIONS



### SHARE



### PAGE NAVIGATION

< Title & authors

Abstract

Conflict of interest statement

Similar articles

MeSH terms

Substances

Supplementary concepts

Related information

LinkOut - more resources