

### Tozinameran

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#### Flat warts: case report

A 28-year-old woman developed flat warts following vaccination with tozinameran for COVID-19 [*dosage and route not stated*].

The woman presented with lesions of her cheeks from seven days. She had received the second dose of tozinameran [BioNTech-Pfizer BNT162b2 vaccine] vaccine one week prior. She reported that she did not develop any related symptoms following first dose of tozinameran. She had no ongoing inflammatory conditions. Prior to her presentation, she had received tretinoin-based preparation, without benefit. The numerous lesions appeared as papules, partly confluent in plaques, with a verrucoid morphology. A biopsy of one of the verrucoid growths revealed a zone of acanthosis with hypergranulosis, with a subtle, undulating surface change. She was diagnosed with flat warts.

The woman underwent two peeling sessions with salicylic acid performed two months after the onset of lesions along. Additionally, she received echinacea for three months. Subsequently, her condition improved.

Cazzato G, et al. Development of Flat Warts on the Cheeks after BioNTech-Pfizer BNT162b2 Vaccine: Is There a Correlation?. *Vaccines* 10: No. 4, Apr 2022. Available from: URL: <http://doi.org/10.3390/vaccines10040532>

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