

Covid-19-vaccine-pfizer-biontech/elasomeran**S****Anaphylaxis and skin reaction: 2 case reports**

In a case series involving 12 patients, two women [32 years and 47 years] were described who developed anaphylaxis reaction and a mild skin reaction following vaccination with elasomeran and COVID-19-vaccine-pfizer-biontech for COVID-19 [*dosage and route not stated*].

The 32-year-old woman (patient 11 according to the article) received her first dose of elasomeran [Moderna vaccine] for COVID-19. She tolerated first dose in one step. She had a history of PEG 3350 allergy. She had received PEG.3350 [Lax-A-Day] for constipation and developed flushing, gum swelling, pruritus, and breathing difficulty. She was treated with antihistamine and prednisone 2.5 years prior to the vaccination. Similarly, she had a history of PEG 3350 and electrolyte solution allergy which she received for bowel cleansing before colonoscopy. She had developed eyelid angioedema, breathing difficult and pruritus and was treated with epinephrine. After two months following the first dose of elasomeran and six months before second vaccine dose, she developed a second lifetime anaphylaxis to PEG 3350 between the first and second dose of vaccine. The second dose was administered without reaction in five steps due to the positive intradermal test result to vaccine diluted 1:100 [*outcome not stated*].

The 47-year-old woman (patient 12 according to the article) received the second dose of vaccination with COVID-19-vaccine-pfizer-biontech [BioNTech; Pfizer] for COVID-19. She had a history of allergic reaction to PEG 3350 [Emolax] for constipation treated with unspecified antihistamine eight months prior to the vaccination. Within minutes after the second dose of vaccination, she developed mild skin redness on the chin which resolved without any treatment.

Picard M, et al. Safety of COVID-19 vaccination in patients with polyethylene glycol allergy: A case series. Journal of Allergy and Clinical Immunology: In Practice 10: 620-625, No. 2, Feb 2022. Available from: URL: <http://doi.org/10.1016/j.jaip.2021.11.021>

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