

Elasomeran/tozinameran

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Shoulder injury related to vaccine administration: 2 case reports

In a case series involving two men, a 42-year-old man and 38-year-old man were described who developed shoulder injury related to vaccine administration following vaccination with elasomeran and tozinameran for COVID-19 [*dosages and routes not stated*].

Case 1: The 42-year-old man presented with severe left shoulder pain and limited range of motion (numerical pain rating scale score of 10/10). He had received vaccination with elasomeran [Moderna mRNA 1273] two days prior to the presentation. He had reported a high injection site at the time of vaccination. MRI of the left shoulder revealed sub acromial-subdeltoid bursitis. The man was treated with prednisolone following which his pain subsided within a few days. Follow-up MRI after two months revealed complete resolution of bursitis.

Case 2: The 38-year-old man presented with severe left shoulder pain (numerical pain rating scale score of 10/10). He had received the second dose of vaccination with tozinameran [Pfizer-BioNTech COVID19 vaccine] two weeks prior to the presentation. He had severe limited range of motion. He had a history of moderate arm pain around injection site during first dose of vaccination. Ultrasound examination of the left shoulder revealed sub acromial subdeltoid bursitis. The man received conservative management and resolved completely in less than a week.

Honarmand AR, et al. Shoulder injury related to vaccine administration (SIRVA) following mRNA COVID-19 vaccination: Report of 2 cases of subacromial-subdeltoid bursitis. *Radiology Case Reports* 16: 3631-3634, No. 12, Dec 2021. Available from: URL: <http://doi.org/10.1016/j.radcr.2021.08.019>

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