

Case Study: Moderna COVID-19 Booster Contraindications

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Case Overview

- 85 yo Hispanic female
- Allergies
 - Sulfa drugs
 - Rash
 - Hydroxychloroquine
 - Skin sloughing
- Past Medical History
 - Lifelong smoker
 - COPD
 - Mild CHF
 - Hypertension
- Does not take anticoagulants
- Received 1st dose of the Moderna COVID-19 vaccine on 1/8/21

Clinical Course

First 24 hours

- Bruising at the injection site
- Erythema developed around the injection site one day after the 1st dose
- Treated with oral cetirizine and topical hydrocortisone
- Resolved in a day or two



Clinical Course

One Week Post-Dose

- A 2nd injection-site reaction developed 8 days post-dose
- Treated with oral diphenhydramine, acetaminophen, and topical triamcinolone
- Is gradually resolving over the past 5 days



CDC Guidance:

2nd Dose Contraindications

- Severe allergic reaction (e.g., anaphylaxis) after a previous dose of an mRNA COVID-19 vaccine or any of its components
- Immediate allergic reaction of any severity to a previous dose of an mRNA COVID-19 vaccine or any of its components*
- Immediate allergic reaction of any severity to polysorbate*

*Referral to an allergist-immunologist is recommended for immediate allergic reactions

Clinical Question

- Is the booster contraindicated in this case?
- Can she be vaccinated if closely observed and premedicated?