How to proceed in case of positive allergy history prior to COVID-19 mRNA vaccination?

Any known allergies?

NO

Vaccination, monitoring 15 minutes

YES

General considerations

- After other immediate reactions (e.g. vaso-vagal reactions or panic attacks), vaccination may be given under increased emergency preparedness and monitoring for 30 minutes.
- Vaccination centres or mobile vaccination teams must be equipped with emergency equipment to treat any anaphylactic reactions that may occur.

YES

Consultation in an allergy centres***

Confirmation of IgE-mediated allergic pathogenesis

No evidence for IgE-mediated pathogenesis

NO

Any further COVID-19-mRNA-vaccination; consider eligible alternative vaccine**

YES

Vaccination after strict individual risk/benefit assessment and under increased medical (emergency) preparedness, monitoring 30 minutes

Vaccination under increased medical (emergency) preparedness, monitoring 30 minutes

Vaccination, monitoring 15 minutes

* Definition of severe allergic reaction: < 1 h after agent disseminated skin rash associated with at least one other symptom: respiratory distress and/or cardiovascular reaction.

** Considering possible cross-reactions due to PEG (polyethylene glycol, macrogol)-containing compounds, such as polysorbates.

*** Allergy centres in Germany, which are particularly prepared with regard to these questions:
https://dgaki.de/cac/
https://aeda.de/covid-19-zentren

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