Risk stratification: Prior to First Vaccination

History that does <u>not</u> fall into the orange or red boxes.

For example:

- chronic urticaria
- food/venom/latex allergy
- non-urticarial rash
- non-anaphylactic reaction to medications
- non-specific symptoms with multiple medications
- anaphylaxis to a specific drug (with no suspected cross-reaction)
- systemic mastocytosis

- Individuals with history of immediate onset urticarial rash or angioedema with multiple medications (oral or parenteral)
- History of idiopathic anaphylaxis that <u>has</u> been investigated by Immunology service

- History of immediate anaphylaxis* to multiple#, different drug classes, with the trigger unidentified (this may indicate PEG allergy)
- History of anaphylaxis to a vaccine, injected antibody preparation or a medicine likely to contain PEG (e.g. depot steroid injection, laxative)
- History of idiopathic anaphylaxis that <u>has not</u> been investigated by Immunology service

Individuals with <u>known</u> history of immediate onset, systemic reaction (could be urticaria, angioedema or anaphylaxis) to any <u>component</u> of the Covid-19 vaccine

- Pfizer/Moderna: PEG
- AstraZeneca: Polysorbate 80, L-histidine



Vaccinate with any available vaccine in the community

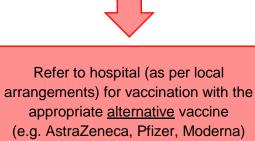


Vaccinate with
AstraZeneca vaccine in
community



Refer to hospital (as per local arrangements) for vaccination with AstraZeneca vaccine

Consider discussion with Immunology



<u>Notes</u>

- * immediate onset: within 2 hours of medication exposure
- # multiple = 2 or more medications

Risk stratification: Reaction after First Vaccination

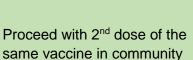
Reactions including:

- vasovagal episodes
- non-urticarial skin reaction
- non-specific symptoms
- large local reaction at site of injection
- localised urticaria <u>without</u> systemic symptoms
- self-limiting/mild delayed urticaria / angioedema

Immediate onset*, systemic reaction (e.g. urticaria, angioedema) to first dose of any Covid-19 vaccine without features of anaphylaxis

Immediate onset*, systemic reaction to first dose of any Covid-19 vaccine with features of anaphylaxis (e.g. hypotension, collapse, shortness of breath, required adrenaline)





- for any <u>immediate</u> reactions, observe for 30 minutes
- for urticarial / angioedema reactions, pre-treat with antihistamine 30 minutes before vaccination

Refer to hospital (as per local arrangements) for vaccination with the appropriate <u>alternative</u> vaccine and observation for 30 minutes



Step 1:

 Refer to hospital (as per local arrangements) for consideration of vaccination with the appropriate <u>alternative</u> vaccine^ (e.g. AstraZeneca, Pfizer or Moderna)

AND

Step 2:

- Consider referring patient to regional Allergy/Immunology department for further investigation
 - GP setting → via eReferral pathway
 - o other settings → via email (nuth.immunology.allergy@nhs.net)

Notes

- * immediate onset: within 2 hours of medication exposure
- ^ AstraZeneca vs Pfizer/Moderna vaccines have different excipients which are not known to cross-react in a clinical setting