2014-2015 Influenza Season Advisory Committee on Immunization Practices, United States

http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6332a3.htm

2014-2015 Influenza vaccination recommendations for patients who report allergies to eggs

Can the person eat lightly cooked egg (e.g., scrambled egg) without reaction?**

Yes

Administer vaccine per usual protocol

No

After eating eggs or egg-containing foods, does the person experience ONLY hives?

Yes

Administer RIV3, if patient is aged 18 through 49 yrs

OR

Administer IV

Observe for reaction for at least 30 minutes after vaccination

No

After eating eggs or egg-containing foods, does the person experience other symptoms such as:
- Cardiovascular changes (e.g., hypotension)
- Respiratory distress (e.g., wheezing)
- Gastrointestinal (e.g., nausea or vomiting)
- Reaction requiring epinephrine
- Reaction requiring emergency medical attention

Yes

Administer RIV3, if patient is aged 18 through 49 yrs

OR

If RIV3 is not available, or patient is aged <18 years or >49 years, IV should be administered by a physician with experience in the recognition and management of severe allergic conditions

Observe for reaction for at least 30 minutes after vaccination

** Persons with egg allergy might tolerate egg in baked products (e.g., bread or cake). Tolerance to egg-containing foods does not exclude the possibility of egg allergy. (Erlewyn-Lajeunesse M, Brathwaite N, Lucas JS, Warner JO. Recommendations for the administration of influenza vaccine in children allergic to egg. BMJ 2009;339:b3680).

† For persons who have no known history of exposure to egg, but who are suspected of being egg-allergic on the basis of previously performed allergy testing, consultation with a physician with expertise in the management of allergic conditions should be obtained before vaccination. Alternatively, RIV3 may be administered if the recipient is aged 18 through 49 years.